A Complete Bibliography of Publications in *Ecological Modelling* (2020–2029)

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Title word cross-reference

1 [WSW23]. **$142.20** [Pas21]. 3 [CGVC21, NLW+24, PMP+21, PM22, VRRI+24]. **$84.99** [Mea20]. $_{10}$ [MBMV20, NSS+23, SBF+21]. $_{2}$ [AAR23, CCH20, GAMN+23, HKSM23, PG23, Pow25, TSZ+24, YLLL23, ZFT20, ZBH+22, ZPL+25]. $_{3}$ [TSZ+24]. $_{4}$ [GAMN+23, TSZ+24]. $_{mix}$ [XLS20]. $_{\text{yield}}$ [FCT+25]. a [LKP+20, WCSX22]. ϵ [WSW23]. I [RAB21]. k [WSW23]. r/K [MF20]. R_0 [WHE+24a, WHE+24b].

-D [PM22, WSW23]. **-PG** [NLW+24].

/110863 [RMD+24a].

0304 [SGTS23]. **0304-3800** [SGTS23]. **0304-3800/109690** [SGTS23].

1 [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20g, Ano20f, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21g, Ano21f, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, MPL+20]. **1.0**

[JLL+24]. **109165** [CVTS20a]. **109198.** [SE20a]. **109265** [HES+23]. **109690** [SGTS23]. **12/110244** [AAAR24]. **13/110802** [MAW+24a]. **13p** [MAW+24a]. **15** [AGS+22, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20s, Ano20r, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21s, Ano21r, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x].

2 [CSZY+20, Cor20, MLP+20]. **2.0** [KMH+21]. **2020** [Ano20a, Ano20m, Ano20b, Ano20n, Ano20c, Ano20o, Ano20d, Ano20p, Ano20e, Ano20q, Ano20g, Ano20s, Ano20f, Ano20r, Ano20h, Ano20t, Ano20i, Ano20u, Ano20j, Ano20v, Ano20k, Ano20w, Ano20l, Ano20x]. **2021** [Ano21a, Ano21m, Ano21b, Ano21n, Ano21c, Ano21o, Ano21d, Ano21p, Ano21e, Ano21q, Ano21g, Ano21s, Ano21f, Ano21r, Ano21h, Ano21t, Ano21i, Ano21u, Ano21j, Ano21v, Ano21k, Ano21w, Ano21l, Ano21x]. **2022** [Ano22a, Ano22b, Ano22c, Ano22p, Ano22q, Ano22s, Ano22r, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x, PKB+23]. **2023** [Ano23a, Ano23b, Ano23c, Ano23p, Ano23q, Ano23s, Ano23r, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x, RFHR24]. **2024** [Ano24a, Ano24b, Ano24c, Ano24p, Ano24q, Ano24s, Ano24r, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x]. **2025** [Ano25a, Ano25b, Ano25o, Ano25p, Ano25q, Ano25s, Ano25r, Ano25t, Ano25u, Ano25v, Ano25w]. **21st** [YCK20]. **239** [DMdR24]. **283** [Ano25n].

3 [Mea20, NYH20, SNM+23, XLS20]. **3-PG** [NYH20, SNM+23, XLS20]. **359** [BS20]. **3800/109690** [SGTS23]. **3D** [LGC+25]. **3Worlds** [GDF22].

4 [Pas21]. **431** [CVTS20a, SE20a]. **435** [HES+23]. **443** [BdBG+21b]. **457** [AGS+22]. **458** [SGTS23]. **468** [BR25]. **471** [KHH+24]. **476** [AAAR24]. **489** [BLB+25, WHE+24a]. **495** [HWSD25, MAW+24a]. **498** [RMD+24a]. **499** [BEH+25a].

506 [SGV25a]. **56-years** [EKY25].

78 [Ano25n].

978 [Mea20, Pas21]. **978-0-7503-2430-4** [Pas21]. **978-3-030-24528-3** [Mea20].

ABACUS [ACZ+21]. **abalone** [DLZ+21]. **Abatus** [APGD+21]. **Abies** [SKW23, WYBX23]. **Ability** [EHS+20, ACM24]. **abiotic** [DAB+20]. **above** [MK21]. **aboveground** [DHY+25, HCL+24, HMBH25, HLH+21, MZW+25, MMdP+21]. **absence** [CIL+20]. **absences** [BMG24, FSY22]. **absoluta** [GBC+25a]. **abstract** [SvV21]. **abundance** [CDJ+22, CPTD22, FGM+24, GNH+24, HLZ+22,

KLNMG22, LHF+25, PSM22, RRL+25, SWF21, SDP23, WWP20, YCI20]. **academia** [MWB+24]. **Acadian** [SLLW21]. **Acari** [AFdSM23]. **accelerate** [SGB+24b, VBB+24]. **accelerated** [ABH+20]. **acceleration** [KDC+21]. **accelerometers** [DBH+22]. **access** [PF23]. **accessibility** [HBLC+25]. **acclimation** [TMNA20]. **according** [MOS21]. **Accounting** [GKW+25, JS22, MZX25, BARF20, BDA+20, CAS+24, DS24, HGBK23, JJN22, MBFS21, MTLC25, NND+22, SCG+24]. **accretion** [BMAME+23]. **Accumulated** [BZM+25, SSM24]. **accumulation** [BMAME+23, BRBT22, CJM+23, JMPB24, SLHB+23]. **Accuracy** [Pie23, ALJ+22, BBIP24, GWH20, MVAD20, WHdBB21, YCI20, vSS24]. **accurate** [XS25]. **accurately** [GSMD24]. **achieve** [VRW+21]. **acid** [BPL+20, WLQ+23]. **acidification** [RRCZ20, SL24]. **acoustic** [GSH+22, LDR+20, PDD+22]. **acquisition** [RRP+23, SMMT25]. **acronyms** [MWB+24]. **across** [ATP20, ASL+20, BC25, CKK+24c, EBH+25, EHS+20, EVT+21, FGC24, FCL+25, GSSC25, GCS+21, LMD+25a, LMW+23a, LPHO+20, MKS21, MF20, Pow25, RFJ+22, RGH+25, RLS+24, SENJ+25, YYS+22]. **act** [RTSD+25]. **action** [SRÁMH+20, VPK25]. **active** [FCT+25, dRMJdS23, VMM+21]. **activities** [BMB24b, MNMN25]. **activity** [ABH+20, CDB+20, HLGF24]. **acuminata** [PCN+23]. **acute** [MMS+24]. **adapt** [CN20]. **Adaptability** [KHS+23]. **adaptation** [GHK23, MPA+24, RMK21]. **Adaptations** [Koo24b, PPJN25]. **Adapting** [CMGD+22, ERP21, OTR+21]. **Adaptive** [JST+22, AVP+23, ASKR24, BMB24b, JDJV25, QZ25, RHP+24, SLC+23, SGPSzC22, SC24b, WGBW25]. **adapts** [MFK+25]. **add** [MDB+24a]. **adding** [MVAD20]. **Addition** [KKF+23, SMM+22, ZMF+20]. **additional** [SPM25]. **additive** [CIL+20, KWC24, MEPJ21, UGSG24, WSL+22]. **Addressing** [PPJN25, RAC+24, AAR23]. **adjacent** [CAFT22]. **adjusted** [ALJ+22]. **adjusting** [TBZ+22]. **ADM1** [PFM+21]. **Administrative** [BM22a]. **Adoption** [MWB+24]. **adsorption** [JLZ+25, MTT22]. **adults** [AJJ24]. **advance** [WCM+25]. **Advanced** [ASB25, COJ23, KHS+23, LE23]. **advancements** [PNB+25]. **Advancing** [KAT+22]. **advantage** [WZLC24]. **Advantages** [CRP+25b]. **advection** [FMRMAS24]. **advice** [Mau24]. **Aedes** [ABZ22, HLB+20, VMM+21]. **aerial** [DP20]. **aestivum** [GGS+22]. **affect** [CLPZ20, CMRF+24, GMM+24, JC25, MTLC25, MJS24, PNGESS21, PCL24, QXZ+25, RGH+25, VSB22]. **affected** [LSS+21, PAPŁ+23]. **affecting** [FM24, LDXJ22, SOP22, YG21, ZYM+21]. **affects** [AHH22, Che22, GZW+20, LS25, SGCFB22, WZWF20]. **affordability** [ZHC23]. **Afforestation** [WXT+20, MTBB22]. **Africa** [COS23, LAK+23, MDB+20, RMD+24a, RMD+24b, UCM+25]. **African** [DDG+21, MTW+22, MD23, SFEE25, WMA21]. **africana** [DDG+21, SFEE25]. **after** [LZL22]. **Agadir** [RKN+21]. **against** [DAA+25, Haa24, LSH24, MKN23]. **Agasthyamalai** [POWS24]. **Age** [FGM+24, BMM22, DIS23, LSK24, MMC+21, PSBE23, PRP+25, RRSG21,

WZ25, XFK21, YXF25]. **age-** [PRP+25]. **age-0** [LSK24, PSBE23]. **age-structured** [WZ25]. **agency** [AP25]. **Agent** [BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, PPJN25, AGS+21, AGS+22, ASKR24, AHSH+25, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, FGC24, GBC+25b, HBC+22, JBF22, KdRW25, KE24, KS22, LTR+24, LE23, LL22, LZW20, LCX+25, MSLMM22, PBS21, POWS24, RSS24, STQ+22, SJA+22, SLM24, TY25, TLL+23, VVH+20, WLY+23, WGBW25, WWF+23, ZMG+21, ZOJ+23, ZL24, ZCW+25, BdBG+21b]. **agent-** [VVH+20]. **Agent-Based** [PPJN25, BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, AGS+21, AGS+22, ASKR24, AHSH+25, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, FGC24, GBC+25b, HBC+22, KdRW25, KE24, KS22, LTR+24, LE23, LL22, LZW20, LCX+25, MSLMM22, PBS21, POWS24, RSS24, STQ+22, SJA+22, SLM24, TY25, TLL+23, WGBW25, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agents** [AP25, CDC+22, GHMGBGCL24]. **AgentSeal** [CNNS+21]. **ages** [Jia21]. **agglomeration** [HHP+25]. **agglomerations** [MFZ23, OCWL25]. **aggregate** [JSD+22]. **aggregated** [SS25]. **Aggregating** [PDD+22, NPK+23]. **aggregation** [XLM+23, YDLT24]. **agri** [OEC24]. **agri-environment** [OEC24]. **Agricultural** [Pas21, PHL20, RGD20, BAR24, COJ23, DYMD22, JMPB24, MAD+20, MEGA21, MGdM+20, MTT22, NMV+23, NBMD21, SJA+22, TLC+22, TQM+24, TCS21, TSBE23, TK20b, USA21, VVLS25, VBH20, WGMR23, YG21, YDJ+24, ZBW+24]. **agriculture** [LPA+21, MFPIBGES23, PBO+25, SD24, SLY+21, WrJP+22, ZLZ+25]. **agro** [KMH+21, PBF+23, TBCV22, TBZ+22]. **agro-ecosystem** [PBF+23, TBCV22]. **agro-food** [KMH+21]. **agro-pastoral** [TBZ+22]. **Agroecological** [KKP+21, MAD+20, OSPZ22]. **agroecosystem** [BMRF21, CJM+23, PBO+25, SGV25a, SGV25b]. **agroecosystems** [ZMK+22]. **agronomic** [BCMV20]. **AHP** [SD24]. **AHP-based** [SD24]. **aimed** [CM21, Yao21]. **air** [CZ21, FWK+20, LBB20, SBF+21, WLD+25]. **airborne** [Laz23]. **akashiwo** [SIOM24]. **al** [NBU+23, RFHR24]. **Alaska** [LGC+25, LMW+23b, WA20]. **alba** [SKW23]. **albacares** [DPC20]. **albopictus** [ABZ22, HLB+20, VMM+21]. **album** [GRAA22]. **Alces** [KAMS22]. **Aleppo** [BAZ22]. **Alewife** [NGA+20]. **algae** [KNP+21, KBAC20]. **Algal** [XZZ+22, AWW24, BS21, CMKF22, CLH23, DVVH21, KDH+21, KSJ22, OLM+24, PTG+20, RFPRC23, ZGG22, ZWZ+20]. **algorithm** [FZRG25, Gat21]. **algorithmic** [dSMPA+22]. **Algorithms** [CNMS25, CAK+24, NCB25, SPV25, SDH21, Woo24, ZMF+20]. **alien** [SBS+20, SBS+21]. **Allee** [VBH20]. **alleviating** [MPA+24]. **allocation** [ABRG21, nCLpW+23, LBS20, NAM22]. **Allometric** [KKH+24]. **Allometry** [Abe20]. **Allosaurus** [KHR23, PR23]. **Alluvial** [WWF+23]. **along**

[BMS+20, HK23, Lef23, LBGD21, Lev25, LM21, NSS+23, OMP+23, PA20, SGTS21, SGTS23, WJ24]. **Alosa** [NGA+20]. **alpine** [ALS+21, LGK+23, LGFT+20]. **Alps** [ELM+25]. **alter** [PTD+23, WLD+25]. **altered** [CWY+24, GRCSA+20, KNP+21, LM21]. **alternative** [JvVvHH24, PTBFP+20, SD24]. **alternatives** [Koo20b, TMM25]. **altissima** [dOPdMdS+21]. **Altitude** [ZJX+25]. **altitudinal** [ZLL+23]. **altricial** [CC20]. **always** [GAC+21, Pér24]. **Amazon** [ACD+24, dOPdMdS+21, RFF+23]. **Amazonia** [JMC+22]. **Amazonian** [RRP+23]. **Ambient** [XWZ+22]. **Amblyseius** [TCG+20]. **America** [BC25, PMB+22, WLV+25]. **American** [ARSC22, BHC22, CGC+25, HBMR24]. **americanus** [BHC22]. **ammonia** [SWW+25]. **Ammospiza** [HBP+21]. **ammunition** [MSD25]. **amnesic** [LPRB+25]. **among** [ABM20, CGZ24, CKK+24a, LLZM20, Oku21, RBGB23, vdMYvdW24]. **Amount** [MLV24, DL21]. **Ampelisca** [DZBB24]. **Amphipoda** [DZBB24]. **amplification** [CLHZ22]. **anadromous** [DSHB23, WDP24]. **analogues** [PR21]. **Analyses** [DVPPMV+24, BGCJ21, CLZ25, HKG+24, LSB+25, MBG+22, SC21]. **analysing** [HHFB23, Jag20, NAR+25]. **Analysis** [AP22, BDP+23, CP20, FEP25a, HHB+24, RUTY23, SPM25, USA21, WF24, WAHA+24, AG22, ADSvdZS25, AHO+20, AAC20, BPB+20, BCW+23, BBSHC22, BLSR+20, CFC25, CLOFD+25, CWF+21, CEB+24, CGVC21, DPA21, DL25, DS24, ESCA22, EGAS23, ENARM+23, FEPR24, Gia25, GRGV25, HRW+24, HCL+24, HEL+21, HHR+25, HLM+20, IA23, JGG23, JLLS23, KT22, KKF+23, KHS+23, KUK+21, LL22, LdSG+25, LLZM20, LDZ21, LZL22, LHJ+24, LCX+25, LM23, LLW+21, LAC+24, MFZ23, MZW+25, MA25, MPC+22, MNMN25, MMRBLN20, MLV24, MDGA25, NGA+24, NDNN22, NPS+23, OFH+20, OLM+24, PK23, PMZ+21, PDW23, PFM+21, PHK23, PPSS22, QS23, RCCBMCJ25, RGB+23, SQDM21, SDSP+21, STJ25, TGB+23, TK20a, TQM+24, TK20b, WWC+22, WSHZ24, WFW+24, WDP24, WCF+22, Yao21, ZMK+22, ZLV25, ZWL+21, ZZWF21, ZLZ+25, dGZHCA24, vDC20, BTC+22]. **Analytical** [CLH23, JZHT23, Ano25n, Coo95, Mas23, NND+22, NGAM25, UGSG24]. **Analyzing** [DGS25, Pal24, RBEC21, SGPSzC22]. **Anatomy** [XD25]. **anchovy** [WZ25]. **anemone** [YXF25]. **Angelica** [ZWL+21]. **angle** [BLvG+25]. **Animal** [RLS+24, ABB23, Ano20-50, AARS23, BLB24b, BVR+20, BTC+22, CDNN+20, DBH+22, JGG23, JVGC21, KLA+20, KHH+22, KHH+24, KLNMG22, MSG23, MKS21, SENJ+25, WMA21, dKS22]. **animal-borne** [DBH+22]. **Animal-vectored** [RLS+24]. **animals** [HI22]. **ANN** [LNK+21]. **Announcing** [Fat21]. **annual** [HH23, RLM23]. **answer** [CBSB23]. **antagonistic** [LBL22, YL22]. **Antarctic** [BMB21, GSM+20]. **anthesis** [KFM+23]. **Anthropocene** [SMP20]. **anthropogenic** [MCMP+24, MFH+22, MAB23, RCCBMCJ25, SGRDA+24]. **antipatharian**

[MTL+23]. **Antipathella** [MTL+23]. **anuran** [RGW+25]. **Aotearoa** [SBR+25]. **APEX** [AJG22b, PR21, AJG22a]. **APEXgraze** [MNMN25]. **aphid** [AA25, BPW+21, SRM+24]. **aphidophagous** [AHSH+25]. **aphids** [Hop23]. **Apis** [JSL+20, LBT+22]. **Apostle** [SOV21]. **App** [dSMPA+22]. **Appalachians** [SWW+25]. **appearance** [PTF23]. **Application** [AG22, BGA+23, BEH+25a, CMGD+22, CJM+23, DMG22, JB22, LCP+20, MDB+20, RWF22, RFCEL22, RFPRC23, SS25, SRB+20, WZ25, YHC+21, YCI20, dMT23, AM22, ABR24, AACCIS20, BSPT23b, CH22, CAH22, DBV+22, DP20, GSC+23, GBC+25a, HLS+23, JZJ+20, KRM+22, LL25, MKR20, MEGA21, MFF+24, MPA+24, MKB+24, OKS+21, PG23, PTRP23, RJY+20, RRSG21, WYJ+22, ZZZD22, dVDC20, BEH+25b, DYMD22, MTP+20]. **Applications** [MLD+23, BAR20, BOVVM25, DGSM21, GRS+20, KCP+23, Laz23, MDB24b, MBMV20, PMMTF+24, PNB+25, PPSS22, RAC+24, TY25, XLN+25, YRK+20]. **applied** [BM22b, BRNOJ25, CAS+24, dCFX25, KABL21, NMGFOB21, TFH+25, ZBS+25]. **apply** [CXZ+23, WLV+25]. **applying** [BVR+20, RAB21]. **Approach** [JZS+21, LB21, AZBdAI23, BdCCdSAdS23, BCM25, BLB+20, CB20, CDA25, CMS+21, DIS23, DPA21, DGS25, DSC+21, DVPPMV+24, DFL+25, DPC20, EON23, FCFCM24, FGC24, FFM+23, FMRMAS24, GHbS21, GZK+20, HBP+21, HKB+20, HBRK24, ILLM20, JJJ+25, KTB+23, KWG+22b, KGBL24, Kos22, LBSR25, LTR+24, LBL+24, LG20, LL22, LL21, LLB+23, LYFY25, Lov24, LJ21, LYM+23, dSMPA+22, MDP21, MSS+25, MBP+25, MTBB22, MVC+22, MSS24, Mur24, MKB+24, NA22, NAM22, NHB+25, RTSD+25, RK20, RBMRR20, RLdM20, SBS+21, SRÁMH+20, SLYL+20, SCB+20, SRTS20, SWF21, ST24, SWW+23, SFEE25, SKH+20, SZL+20, TPD+24, TSdOCV21, TSBE23, WST+23, WBD+22b, ZBS+25, ZJEG24, dGZHCA24, dAWG23]. **approaches** [DTR+22, HPMB20, LBB20, RBEH21, XS25]. **approaching** [PDG+20]. **appropriate** [Mas23, RMS24]. **Approximate** [BSR+23, NCB25]. **approximation** [WSL+22]. **April** [Ano20a, Ano20m, Ano21a, Ano21m, Ano22a, Ano23a, Ano24a, Ano25a]. **APSIM** [CHR+23, EHS+20, HRW+24, OHH+21]. **APSIM-Potato** [OHH+21]. **APSIM-wheat** [HRW+24]. **Apulia** [GSC+23]. **AquaCrop** [PAdS+24]. **Aquaculture** [VLGG+20, FMH+20, GLA+20, HLS+23, HK23, LJvdM24, LUV+23, LLC+24a, WT20, YRK+20]. **aquatic** [ADR21, DK22, JLL+24, KE24, LYC+21, NKT+20, OKS+21, PNB+25, QYW+25, RBEH21, SKH+20, TGS+25, Yao21]. **aquatic-terrestrial** [OKS+21]. **AQUATOX** [YLL+25]. **aqueous** [MTT22]. **arable** [HSP+22]. **arboviral** [LDS+23]. **archipelagos** [RMV+24]. **architectures** [WrJP+22]. **archival** [HBMR24]. **Arctic** [DSHB23, JOE23, TLL+23]. **ArcticDEM** [LGC+25]. **Arctodiaptomus** [TBP+23]. **Area** [DMdR24, WXT+20, XWX+24, AFdSM23, BBCD23, CWZ+25, DHW+20, DHY+25, GJC+20, HKSM23, HH23, IA23, JS22, JHL23, LLW+21, MZLRSZ21, OBFH22, RPT21, SBF+21, SRK+20, ST24, VPV21, WWC+22, ZLZ+24, MTP+20, RGD20].

areas [AXMJ22, ALS+21, FDH+25, GSSC25, GCS+21, JLZ+25, KT22, MSS+25, MRR+20, PDW+24, PWN+24, PAS+22, RBLS23, RFdL+24, RRFLV+22, SZPW23, VRW+21, WLL+24, ZBW+24]. **Argentina** [AZMD+22, FGC24]. **Argentinean** [BAZ22]. **Argulus** [DAA+25]. **arguments** [AAM+22]. **arid** [BLAA25, FS22, GLK+22, GLP+25, LZF+24, LHJ+24, LCH+25, MPSS24, NWO21, PAPRMALO25, PAdS+24, RSASP22, RS23, WXX+23, WFW+24, ZPL+25]. **aridity** [HH23]. **arise** [CR24]. **arising** [AP22]. **armed** [Gat21]. **aromatic** [ZYZ22]. **arrangement** [CGB+23]. **arrangements** [PAdS+24]. **arrays** [PDD+22]. **Arrhenius** [MBMV20]. **Artemia** [KDC+21]. **Artemisia** [SZL+21]. **arthropod** [VMM+21]. **arthropods** [ZBW+24]. **article** [Fat21]. **artificial** [Ale25, BSPT23a, BSPT23b, BLB+20, DLY+22, MS20, SNM+23]. **ascendency** [LZSQ20]. **asexual** [WWW25]. **Asia** [SKPL24, ZLLZ24, ZFC+23, ZPL+25]. **asiaeorientalis** [DZC+23a, DZC+23b]. **Asian** [DWZ+25, NO24, RHN+25]. **Assembling** [CdCAC+20]. **assembly** [QZSV21]. **assess** [CMS+21, FDSM20, JSL+20, KLL+24, LGFT+20, RRFLV+22]. **assessed** [BPL+20]. **Assessing** [AC25, BARF20, CHR+23, CLW23, GSA24, HHBF24, HBJ25, JPMA+23, LLB+23, LHJ+24, OHH+21, PMMTF+24, PR22, RMV+24, SCB+20, SPV25, SENJ+25, TMFV22, TCS21, VMMEM25, VVLS25, WA20, WWCT24, CC23, DBK20, DBDR22, JLZ+25, JSD+22, LTR+24, MGK+23, MM21, ZOJ+23, dSGAA25]. **Assessment** [BZZT22, GRCSA+20, HHP+25, ILLM20, AP25, ACD+24, AFG24, ACZ+21, BM22b, BLAA25, DIS23, EOÖ21, For24, FLG+23, GMM+24, HCL+24, HMLZ24, KBSS23, LBI+20, LGK+23, LLW+21, LCMB21, MDBvdBB24, MPC+22, MBFS21, MFH+22, MSS24, OZSU22, PBF+23, PRP+25, RSASP22, RBLS23, RS23, RFHR23, SLY+21, SGV25a, SGV25b, TBCV22, TWL+22, TKO+22, VPAV22, VMG+24, WAHA+24, XWX+24, YYL+25, Yao21, ZHJQ23, ZYM+21]. **assessments** [CB20]. **assisted** [MKEH20]. **associated** [SENJ+25]. **association** [LW23, PPSS22]. **associations** [KCS22]. **assumptions** [BHC22]. **asymptomatic** [CZY+25]. **asynchrony** [HSL+22]. **Athias** [TCG+20]. **Athias-Henriot** [TCG+20]. **Atlantic** [dSRDC+23, BCPV25, DTD+23, HK23, RKN+21, VRRI+24]. **Atlantis** [SHF24, BLSR+20, CBG+22, PKB+23, dGZHCA24]. **atmosphere** [BLB+20, BGC+24, GXZ+24, KKP+21, WZT+25, ZZL+25]. **attention** [PDW23]. **attentional** [vWVH20]. **attenuation** [SBWB24]. **Attractor** [DAC+25]. **attributes** [CMRF+24]. **Attributing** [SNN24]. **audience** [CVTS20a, CVTS20b]. **augmentation** [RMA+24]. **augmented** [LAK20]. **August** [Ano20b, Ano20n, Ano21b, Ano21n, Ano22b, Ano23b, Ano24b, Ano25b]. **Aurelia** [SFFL25, WWW25, YSFX23]. **aurita** [SFFL25, WWW25, YSFX23]. **Australia** [CH22, FEPR24, YKZ+23]. **Australian** [FEP+25b]. **australis** [YXY+20]. **author** [CYP+20]. **autochthonous** [LDS+23]. **autocorrelated** [DMM+23]. **Autocorrelation** [MOG+25]. **automata**

[CDA25, JB22, LL25, LZW20, SLC+20, ZWZ+24, ZHWZ23, ZCW+25]. **automata-agent** [ZCW+25]. **automata-Markov** [CDA25]. **Automatic** [LKP+20]. **automaton** [YXY+20]. **automobile** [IA23]. **Autoregressive** [DMG22]. **availability** [BLLL21, CLW23, DN24, JS22, KAB+23b, NWO21, VVH+20, WSN+21, ZHC23]. **Available** [RBVL+20]. **average** [PSG+22]. **averaged** [Che21, HMC20]. **avian** [LKB+25, ML25, WSN+21]. **Avicennia** [LK20]. **avifauna** [ADR21]. **avoid** [Koo24a, Uch23]. **avoidance** [CLH23, PF23]. **Avoiding** [CRF24].

B [DWH+21]. **Bacillus** [LB24]. **backed** [CRP+25b, vdMvDSL20]. **Background** [SC24a, OCWL25, RMGNA25, RPT21, SBMG24, WSM24, XWZ+22]. **Bacteria** [BMBB24]. **bacterial** [HHZB24, ZL24]. **bacterium** [LPSF24]. **Baetidae** [KFJS20]. **baited** [KCHZ21]. **Baiyangdian** [ZYZ22]. **balance** [HBLC+25, HCP+20, LZY25, LGA20, RPARM20, ZFT20]. **balanced** [YL22]. **Balancing** [OEF25, RTSD+25]. **Balearic** [EWE20]. **ballistics** [PM22]. **Baltic** [BNN20, BNAR+21, SRK+20]. **Baltics** [LMB+25]. **bamboo** [ZCJ+20]. **banana** [CMSD+22]. **bandit** [Gat21]. **bank** [BGR20, LKO20]. **bar** [Tsy22]. **barbarum** [SWHZ22, WSHZ24]. **Barcelona** [MTP+20]. **bare** [DHY+25]. **Barents** [NHGP23]. **bargaining** [SACE+20]. **bark** [PKKT+24, RSEK25]. **barnyardgrass** [MVC+22]. **Barrier** [ABR24, BACJ25, IA23]. **Barro** [FG21]. **Based** [LB21, Por21, PPJN25, ASHK22, AADHA+23, AZLPGE+24, AP25, Ale25, AAM+22, ADSvdZS25, AGS+21, AGS+22, AWW24, ASKR24, AHSH+25, AHO+20, APGD+21, AAC20, BdSG+23, BMB24a, BDC+22, BPN+20, BGS+20, BGK+20, BSCH23, BdBG+21a, BLAA25, BAM23, BM21, BTC+22, CZY+25, CMHZ23, CXZ+23, CVTS20a, CVTS20b, CDB+20, CAK+24, CDNN+20, CNNS+21, CEB+24, CGVC21, CPTD22, CSB22, CSMP21, CLG20, DAGR25, DK22, DPA21, DSC+21, DDG+21, DBN+22, DAB+20, DWG22, DAC+25, DWH+21, ESCA22, EWE20, EBMK20, EV22, EL22, ENARM+23, FNA+25, FGC24, FCT+25, GSA24, GGMR20, GRCSA+20, GBC+25a, GBC+25b, GSRB22, GKW+25, HBMR24, HLB+20, HKG+24, HBC+22, HYY+24, HLGF24, HEL+21, HGBK23, HBRK24, HCPG20, HFP20, HFP22, JvVvHH24, JHL23, KFM+23, KCP+23, KdRW25, KE24, KLL+24, KS22, Koo24a, KWG+23, KTB+21, KLPJ24, KUK+21, LBSR25, LTR+24, LGFT+20]. **based** [LBL+24, LE23, LL22, LZSQ20, LBI+20, LDZ21, LJP+22, LYL+24a, LQH24, LZW20, LCW+21, LYFY25, LCX+25, Lov24, LLW+21, LYL+24b, LCW25, LCG+25, MFZ23, MZW+25, MSG21a, MSG23, MKS21, MSML24, MDT+23, MCMP+24, MRR+20, MLJ+23, Mea20, MSLMM22, MTZA23, MMMS23, MPCG21, MM21, Mur24, NWO21, NO23, NS20, NMC+20, NLMM23, Nug25, OKS+21, PR21, PDW23, PDW+24, PFM+21, PAS23, PAPRMALO25, PBS21, PDD+22, Pér24, PMP+21, PM22, POWS24, QYW+25, RSS24, RPG20, RTB+24, RHP+24, RFJ+22, RBMRR20, RGH+25, RFdL+24, RRFLV+22, SGB+24a, STQ+22, SJA+22, SD24, SLY+21, SGV25a, SGV25b,

SWHZ22, SLM24, SBR+25, SZ20, SPV+21, SOZ+25, TWL+22, TY25, TLL+23, TSUY23, TPD+24, TBM+24, Tra24, VN23, VVH+20, VSS+22, VM25, WHE+24a, WHE+24b, WBW+20, WRC21, WGAH22, WbM+24, WZLC24, WGBW25, WYBX23, WBD+22a, WWF+23, WKL+21, WJ24].
based [WrJP+22, WLSJ24, XLM+23, XHS+24, XHZ25, YLL+25, YCZ+25, YDLT24, ZMG+21, ZMS20, ZOJ+23, ZYZ22, ZZWF21, ZPZ+22, ZHJQ23, ZZQ23, ZL24, ZCW+25, BdBG+21b, RRSG21, ZYM+21, Mea20].
baseline [ABB23].
BASGRA_N [HCP+20].
Basin [CWY+24, MHSZ25, TGRM23, ZTD+25, nCLpW+23, RSASP22, SD24, XHS+24, ZGMFESD23, BSB+24, DBD+25, LUT+24, MP23, XHS+24].
basis [JZS+21, KLA+20].
bass [LBI+20, WBW+20, WBD+22a].
bat [PM22].
bathypelagic [CGRR+24].
battle [MKN23].
Bay [HLS+23, LUV+23, SZL+20, DHW+20, DEMJ24, FMH+20, HML+22, HSD+21, PHK23, WBS+24, dGZHCA24].
Bayesian [BSR+23, NCB25, GZK+20, BRSW24, CB20, DSP+25, GMS+25, GML+20, HZ22, HEL+21, KDH+21, MKB+24, RMA+24, SDH21, TDI+20, VSS+22, WGFS24, WSL+22, WBD+22b, ZWL+21, ZS20].
bayesian-network [GZK+20].
bays [BRBT22].
be [BEH+25a, BEH+25b, dTCGF+24, ECD+24, FSY22, MGF25, vdMYvdW24].
beachrock [SGP+20].
bear [CLW23, GCS+21, LGC+25].
Beaufort [LGC+25].
beaver [TZC25].
became [For25].
bee [BSR+23, CSCT23, GMA+25, HCL+22, LBT+22].
beech [LhNA+21, LhNA+22, SQS+25, SKW23].
beehive [RMCCB24].
bees [WOOS24].
beet [AAM+22].
beetle [BL25, PKKT+24, RSEK25, SC23].
BEFANA [MPC+22].
before [LZL22].
behavior [DAB+20, EWE20, JB22, JZHT23, KCHZ21, KS22, LCP+20, LJP+22, PAPŁ+23, TY25, WFD23].
behavioral [CMFC23, DBH+22, FTH24, LMD+25b, MBB20].
behaviors [CAH22, GSH+22, TY25, YDLT24].
behaviour [ASKR24, LHDBN20, MMN+25, ZRB+25, dAWG23].
behavioural [HBMR24, JPMA+23, JRD+22].
behaviours [JVGC21].
behind [DPC20].
Beibu [ZHJQ23].
Beijing [CFC25, LZF21, LW23].
being [GMS+23, HL23, YPS+21].
below [MK21].
belowground [BPN+20].
Belt [LMW+23a].
beluga [MCB+23].
Benchmark [FHP+22].
Benchmarking [UGSG24].
beneficial [XHZH24].
benefits [CTL22, RGH+25, SWL+23].
Bengal [SD24].
bengalensis [DAA+25].
Benthic [WLLW20, BAAN24, RCCBMCJ25, SBS+21, SINS22, TRMB20].
Benthic-pelagic [WLLW20, SINS22].
bentho [NT23].
bentho-pelagic [NT23].
bergianus [MA25].
Bering [OCT+23].
Bernard [PVS+21].
Bertalanffy [LK24a].
best [BM22b, CSMP21, VPV21].
better [BLvG+25, DAQ20, HKY24, JJN22, MJdORPG23].
Betula [BP25].
between [ABZ22, AS22, AM21, BLB+24a, BLB+25, BAR20, BBIP24, BLB+20, BG22, CWY+24, CMKF22, CZ21, CLY+23, CL24, CMA23, DYMD22, DAA+25, DSC+21, GVG+23, GSM+20, HWJ+25, KKP+21, LRA+20, LZL23, LK24b, LGA+21, MYACC22, MFPIBGES23, MPMT23,

MGWG22, MTLC25, PMMTF+24, PWN+24, PPSS22, RSS24, RUTY23, RP22, RMD+24a, RMD+24b, SLLW21, TLL+23, Vas20, WZHP21, WCM+25, WLL+24, WAG25, YZZF22, YD20, ZMK+22, ZSS21, ZJX+25, dKS22]. **between-individual** [PMMTF+24]. **Beyond** [MWB+24, MBMV20]. **BGC** [CAK+24, SZS+25, SNP+23]. **Bhutan** [CNSK21]. **bias** [AJJ24, RGD+22]. **biased** [AP22, BLP20, BBIP24, JMM+20, RSC+24]. **bibliographic** [DK22]. **Bifurcation** [SQDM21, NDNN22]. **bighorn** [DGSM21]. **Bilberry** [ML20]. **BiLSTM** [XHZ25]. **bimodal** [GDC24]. **bio** [ACFM22, DAA+25, TMFV22]. **bio-control** [DAA+25]. **bio-energetic** [TMFV22]. **bio-geochemical** [ACFM22]. **bioaccumulation** [GMM20, MLP+20, MPL+20]. **bioactive** [LBI+20]. **BioBaM** [KMH+21]. **BioBaM-GHG** [KMH+21]. **biocalcification** [SL24]. **biochar** [SMM+22]. **bioclimatic** [ALJ+22, BRC+21, MPF+25]. **biocontrol** [ABC+22, CH22, JBF22, dAWG23]. **biodiverse** [WGMR23]. **biodiversity** [APT24, BRC+21, BSM23, CBW22, DSC+21, DWG22, DLT+22, EBH+25, GAM20, GHB+25, LG20, MPMT23, MPC+22, MAGR+22, MGdM+20, MBD+22, MPA+24, PBF+23, PNGESS21, SPV25, SQS+25, TCS21]. **biodiversity-ecosystem** [MPC+22]. **Bioeconomic** [PHK23, OEF25, SQS+25]. **Bioenergetic** [NFLvdM24, CEB+25, LLB+23]. **bioenergetics** [DHW+20, HMVR21, HML+22, MFF+24, PMMTF+24, SZKLL24, WAG25]. **bioenergy** [ESCA22, LG20, MEGA21]. **bioenergy-driven** [LG20]. **Biogeochemical** [CL24, SMP20, BPL+20, DMdR24, ESZ+23, GNH+24, GGE+23, JLL+24, MDB+24a, NBML21, SGTS21, SGTS23, Tsy22, ZZL+25]. **biogeochemical-oyster-filtration** [GNH+24]. **biogeographic** [MOG+25]. **biogeography** [ERP21]. **biogeomorphology** [ZZG+24]. **Biological** [BMRF21, BCGR25, BPW+21, BMG24, CC23, CXZ+23, FMH+20, GBC+25a, KCP+23, LRA+20, LAC+24, MB25b, MBR+23, MBMV20, SvV21, SE21, TCG+20, XLS20, XGT+24]. **biomass** [ABRG21, AG22, AKY+22, ACZ+21, CJM+23, DBV+22, DHY+25, DS24, ERP21, GSR+23, HCL+24, HMBH25, HLH+21, HCX+25, KHH+22, KHH+24, KLPJ24, LYC+21, LCLG20, LSK24, LUT+24, MZW+25, MMdP+21, MBS22, NK23, RWF22, SRB+20, WLD+25, WHL+23, ZZŠ+22]. **biomathematical** [CLOFD+25]. **biome** [DDDC21, SNP+23, SZS+25]. **biome-BGC** [SNP+23, SZS+25]. **biophysical** [GML+20, HZ22, MTW+22, RMV+24, TK20b]. **biophysics** [RFHR23]. **biorefinery** [CAS+24]. **bioremediation** [GLA+20]. **Biosphere** [Bro25, FMSR20]. **biotic** [BLA+24, DAB+20, GSJC22, HBLC+25, OMP+23]. **biovolume** [DAQ20]. **biphasic** [CMG20]. **biphenyls** [PKW+25, YLL+25]. **birch** [BP25]. **bird** [ASL+20, CPTD22, Lev25, WWCT24, YDLT24]. **birds** [CC20, GAC+21, LDYP25, LKB+25, OEC24]. **birth** [NTHC23]. **Biscay** [DHW+20, dGZHCA24]. **bivalve** [FMH+20, HMGK20, LJvdM24, TMFV22]. **bivalves** [CMGD+22]. **bivalvia** [RMV+24]. **black** [LK20, vdMvDSL20, SPW+25]. **black-backed** [vdMvDSL20]. **blackspot**

[DTD+23]. **bleaching** [BACJ25]. **blessing** [CBSB23]. **blight** [HEL+21]. **bloom** [AWW24, BS21, CR24, HMC20, KSJ22, PTG+20, SINS22, XZZ+22]. **blooms** [CMKF22, CLH23, DVVH21, ELS23, JvVvHH24, JBB+25, JCM+25, LWZL23, RFCEL22, RFPRC23, ZGG22, ZWZ+20]. **Blue** [TGRM23, CMFC23, NFLvdM24]. **boar** [KT22, LP22, RRFLV+22]. **Board** [Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano25c, Ano25d, Ano25e, Ano25f]. **Board** [Ano25g, Ano25h, Ano25i, Ano25j, Ano25k, Ano25l, Ano25m]. **bobwhite** [LHF+25, STW+23]. **bodies** [SS25]. **body** [CMAG+25]. **Bogota** [RBEC21]. **Bohai** [GSJ+20, YD20]. **bollworm** [WXH+22]. **booms** [WWW25]. **boosted** [DBN+22, YCI20]. **border** [JHL23]. **boreal** [ACC+24, BWT+24, HLH+21, LPS+21, LMW+23b, ML20, MLV24, PCL24, RPB+23, SGB+24b, ZLV25]. **borer** [BMRF21, MBR+23]. **borer-parasitoid** [BMRF21]. **borne** [AV22, DBH+22, WGK+21]. **both** [CBSB23, WGMR23]. **botrana** [AZMD+22, AZAD+23, CdCAC+20, PSM22]. **bottom** [vdHNH+20]. **BOUKHALEF** [JB22]. **boundaries** [BMB24a, ZYK22]. **boundary** [BM22a, SvV21]. **bounds** [LKO20]. **box** [LGG+22, PGB+20, SBR20]. **box-model** [PGB+20]. **boxes** [VJK+23]. **boxwood** [LGG+22]. **bracteolatus** [dTCGF+24]. **branch** [KLS20]. **branchiopods** [Koo24b]. **Bray** [RP22]. **Brazil** [dSBDH23, GSA24, LdSG+25, MRR+20, OBFH22, dMT23, dPGDdFS24]. **Brazilian** [BdCCdSAdS23, dCFX25, MMdP+21, dRMJdS23]. **breeding** [CMAG+25, CPTD22, GAC+21, KLR+24, RM20]. **Brian** [Des21]. **bridges** [GSSC25]. **Bridging** [BMS+20, CSBS21, RP22, ZJEG24]. **broad** [ASL+20, CVTS20a, CVTS20b, TLL+23]. **broad-scale** [TLL+23]. **broadleaved** [WLT+23]. **broadleaved-Korean** [WLT+23]. **broccoli** [LB24]. **brood** [CMFC23]. **brood-dependent** [CMFC23]. **brown** [LG20, NDNN22, RWF22, SYL+24]. **browsing** [BLB+24a, BLB+25, HBRK24]. **Brucella** [LGFT+20]. **Bt** [WXH+22, dAWG23]. **Bti** [MMS+24]. **budbreak** [KH25]. **budburst** [PGdAM+20]. **Budget** [FCP+20, GLA+20, LFN+20, VLGG+20, vdMvDSL20, BMB24b, CDB+20, DLZ+21, HMGK20, JMHH22, KD20, Koo20b, LAK20, MKS21, Mat23, PKE+25, RPG20, RJY+20, RRCZ20, RGW+25, SL24, VVH+20, YRK+20,

DMPP24, DPC20, KGBL24, KKM+24, LJvdM24, RLH24, SNN24]. **budget-based** [VVH+20]. **budget-individual** [CDB+20]. **Budgets** [DR25, GWZ+25, PDG+20]. **budworm** [SCG+23, STRC24, cNKF24]. **buffered** [LSH24]. **bugensis** [PKE+25]. **bugs** [KGBL24]. **Building** [GZW+20, JLH+21, PDW+24, BTC+22]. **built** [AIA+23]. **Bulgaria** [SGRDA+24]. **Bumble** [CSCT23, BSR+23]. **bumblebees** [CDNN+20]. **Bunda** [MDP21]. **buoyancy** [ABR24]. **buoyancy-driven** [ABR24]. **burial** [WSZ+24]. **burned** [HH23]. **Burning** [LMW+23b]. **Bush** [MSS+25]. **Buzy** [BMB24b]. **Buzy-pop** [BMB24b]. **bycatch** [Ino22]. **BZI** [SDP21].

C [TSZ+24]. **C3** [Mas23]. **CA** [LL25]. **cacao** [MPF+25]. **cactus** [PAdS+24]. **cadmium** [GMM20]. **cage** [ABC+22]. **Calanoida** [TBP+23]. **Calanus** [BVM+21]. **calculation** [RBMRR20]. **calculations** [AAM+22]. **Calgary** [MMMS23]. **calibrate** [FFM+23]. **calibrated** [FDH+25]. **Calibrating** [NCB25, SZS+25]. **Calibration** [BSR+23, FEP+25b, PFM+21, PAdS+24, FHP+22, HEL+21, JS22, LKP+20, LPHO+20, MPL+20, OFH+20, SNM+23, SDH21, VC25, VSS+22]. **California** [LSH24, MSD25]. **Callinectes** [CMFC23]. **cambial** [ZJX+25]. **Cambodia** [TKO+22]. **camera** [HI22]. **CaMP** [BWT+24, BST+20]. **Camptotheca** [PCN+23]. **CAMPUS** [FSZ+20, FZS+20]. **CAMPUS-S** [FSZ+20, FZS+20]. **Can** [BLB+24a, BLB+25, GSM+20, VC25, vOVvdW23, BEH+25a, BEH+25b, CLHZ22, GMM+24, GNH+24, Haa24, KN20, KHH+22, KHH+24, LGG+22, Lef23, ŁKPK22, MB25a, MGF25, MVAD20, OWGRF25, PCL24, UM25, vdMYvdW24]. **Canada** [BWT+24, DMdR24, MPPM23, MTBB22, RPB+23, SCG+23]. **Canadian** [ACC+24, BST+20, BWT+24, YDJ+24]. **Canary** [GSSC25]. **Canis** [HKG+24]. **canopies** [PNGESS21, PMP+21, ZOJ+23]. **canopy** [CWW+23, CGVC21, HKY24, HKSM23, KBAC20, LWL24, MK21, MLJ+23, SWW+25]. **canyons** [GZW+20]. **capabilities** [GLH24, HHR+25]. **capacity** [ACD+24, Har25, HP20, MPSS24, PGB+20, SdMF+25, TWL+22, XHZ25, YD20, ZHJQ23]. **Cape** [MDB+20, HBP+21]. **capita** [SGA22]. **capital** [BARF20, BDA+20, CMAG+25, GPN+23, TBCV22]. **capture** [DMM+23, GZW+20]. **capture-recapture** [DMM+23]. **captures** [DAC+25]. **capturing** [YYS+22]. **Caracal** [EKY25, HKY25, HKY25]. **Carapa** [dOPdMdS+21]. **Carbon** [GZW+20, HCX+25, RMO22, ACC+24, AHK+25, ACFM22, AKY+22, BKTM20, BMAME+23, BST+20, BWT+24, BLB+20, BGC+24, CM21, CMHZ23, CLW+24, CSB22, CLG20, DIS23, DBV+22, DFL+25, EL22, EON23, FEPR24, FSZ+20, FZS+20, HLM+20, JLV+21, JMPB24, JMC+22, KKP+21, KAB+23b, Kiv24, KKPR20, LLC24b, LMW+23a, LSS+21, MHSZ25, MLD+23, MTBB22, MLV24, MSG+21b, MTLC25, NKT+20, OCWL25, PZH+21, PGSL+20, QYYA25, RRP+23, RFF+23, SCF+24, SPPC21, SNP+23, TMM25, WF24, WZLC24, WLL+25, WYBX23, XLS20, XLM+23, XHZ25, YA24, YJC+24, ZFT20, ZZL+25, ZLZ+25].

carbon-neutral [EON23]. **carbon-nitrogen-water** [PGSL+20]. **carbonyl** [CWW+23]. **carcass** [CRP+25b, PM22]. **careful** [BM22a]. **Caretta** [CRZ+23, II24, MZLRSZ21]. **caribou** [SDD+20]. **Carlo** [MB25b, PM22, SDH21]. **carnivore** [GCB+22, PBS21]. **Carnosaurs** [PR21]. **carp** [BC25]. **carpet** [LJvdM24]. **carps** [LWE+22]. **carrying** [GJC+20, Har25, HP20, MPSS24, PGB+20, SdMF+25, TWL+22, YD20, ZHJQ23]. **CASA** [DHY+25]. **cascade** [DYW+22, WLZ+23a]. **cascades** [BDC+22, BNN20]. **Case** [OBFH22, PPJN25, SPPC21, ZLML20, AO25, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BG22, BARF20, CFC25, CL21, CRP+25b, DAGR25, ELM+25, ETAAH21, FDH+25, dCFX25, GRGHM21, GMA+25, GSJ+20, HNC+21, JLLS23, Kiv24, LF25, LZSQ20, LDZ21, LZF+24, LZL23, LDX+23, LZL22, LSK24, LPA+21, LYL+24b, LCG+25, LCMB21, MA25, MMS+24, MS20, MGF25, Men22, ML25, MVC+22, NCB25, OHH+21, OCT+23, PHK23, PSM22, PKW+25, PTNR+20, RFJ+22, RKN+21, RGD20, RAB21, SLC+23, ST24, SWP+23, SZL+20, TLH+20, VMM+21, WbM+24, WLL+25, WBD+22b, XWZ+22, XHS+24, XMWL23, YKZ+23, ZMK+22, ZWL+21, ZHJQ23, ZZQ23, PMP+21]. **cassava** [SYL+24]. **Catalonia** [LDS+23]. **Catastrophic** [Uch23]. **catch** [Lov24, LCMB21]. **catch-and-release** [Lov24]. **catch-at-length** [LCMB21]. **catchment** [BPL+20, COS23, ZMK+22]. **categorical** [AO25]. **catfish** [NFLvdM24]. **catsharks** [CEB+25]. **cattle** [CPAT20]. **causal** [AIA+23]. **caused** [HBRK24, NH25, YB22]. **causes** [NGA+20, RM20]. **causing** [EBMK20]. **Cautions** [ZFP21]. **Cautious** [MOS21]. **cavities** [VJK+23]. **CCG** [XLM+23]. **CCG-MRIO** [XLM+23]. **CCHFV** [OWGRF25]. **Cd** [MTT22]. **cedar** [HKSM23]. **cell** [OSH+21]. **cellular** [CDA25, FKLH25, JB22, LL25, LZW20, SLC+20, YXY+20, ZWZ+24, ZHWZ23, ZCW+25]. **CEmCA** [MMMS23]. **Central** [RSC+21, RSC+23, BAAN24, CNNS+21, DWZ+25, GMA+25, LZF21, MLL20, SQS+25, ZLLZ24, CCH20, DSC+21, HMBH25, Pre22, ZFT20, ZFC+23, ZPL+25]. **central-place** [CNNS+21]. **centric** [XLM+23]. **centroid** [BM22a, MYACC22]. **century** [ACC+24, YCK20, HCL+24]. **cepedianum** [PSBE23]. **CERES** [PTF23]. **certain** [LKO20]. **certainty** [RGH+25]. **cervids** [MOD+25]. **CFD** [FEP25a]. **CGEM** [JLL+24]. **CH** [GAMN+23]. **Chagas** [EBMK20]. **chain** [CDA25, dCFX25, LM23]. **chalcographus** [OFH+20]. **challenge** [WA25]. **Challenges** [AGS+21, AGS+22, HL23, LSG21, PMMTF+24]. **challenging** [MWB+24]. **Change** [HHI+22, UCM+25, ACC+24, BPF24, BOLC+22, BNAR+21, BAR24, COJ23, CDN+23, COS23, COPM23, CNSK21, CDA25, CGRGBGM25, CMS+21, DN24, EBS23, FNRP+25, FS22, GBC+25a, HLH+21, JLLS23, KWC24, KAPZ25, LBGD21, LL25, LSS+21, ME25, MSS+25, MTBB22, MLV24, MBD+22, MLP+20, MPL+20, MPF+25, MPA+24, MSS24, NGA+20, NYH20, PK23, PTD+23, PR22, RSASP22, RSC+23, RBVL+20, SLC+23, SCF+24, SMD+20, SWP+23, SGB+24b, SSB22, SGRDA+24, SMV+20, TKO+22, VBB+24, WLL+25, WMA21, WLV+25, WLT+23, XLS20, YCK20, YLLL23,

YPS+21, ZLLZ24, ZXK+24, ZHWZ23, ZCW+25]. **Changes** [AACCIS20, BS21, HKY25, MSG+21b, NYH20, BdCCdSAdS23, dSBDH23, CGRR+24, CL21, CPTD22, EKY25, EL22, EON23, FAC22, HKSM23, LHJ+24, LLW+21, MMdP+21, NK23, OWGRF25, PAS23, QS23, SBS+20, VPK25, WWC+22, WSFZ21, WBS+24, YZZF22, YB22, YPS+21, ZFT20, ZTD+25]. **Changing** [LDS+23, APGD+21, BHC22, CN20, GMS+25, HHB+24, HSF+20, HCX+21, KWG+22b, MCB+23, OBFH22, SFFL25, TGRM23, TMNA20, TCS21, WLL+24, WSN+21]. **Channel** [DHW+20]. **channelized** [LEC+23]. **Chaos** [GZ23]. **Chaotic** [CR24, BMRF21]. **CHAPY** [OFH+20]. **char** [DSHB23]. **character** [CMA23]. **characterisation** [AP25]. **characteristics** [AAC20, DAC+25, LZF21, MFZ23, MBS22, SGH+23, TFH+25, TSZ+24]. **Characterization** [HCW+22]. **characterizations** [HMDO20]. **characterize** [OTR+21]. **Characterizing** [dAdSCA20]. **Chattonella** [SIOM24]. **cheating** [LL22]. **Chelonia** [SMV+20]. **chemical** [PDW+24]. **chemicals** [LBI+20, MDBvdBB24]. **Chenopodium** [GRAA22]. **chensiensis** [WYBX23]. **Chernobyl** [VSK+20]. **Chesapeake** [WBS+24, DEMJ24, HSD+21, PHK23]. **chicken** [FC21]. **chicks** [vdMvDSL20]. **Chile** [BAAN24, TMM25]. **chilling** [KH25]. **chimpanzees** [CDC+22]. **China** [BCW+23, CWY+24, CZY+25, COJ23, CDN+23, CL21, CMHZ23, DHY+25, DL25, DCCL24, DFL+25, GJC+20, GSJ+20, GKW+25, GLP+25, HMLZ24, HBJ25, HLH+21, HLS+23, HCX+25, JLLS23, KHS+23, LZSQ20, LZF+24, LZL23, LPHO+20, LZF21, LZL22, LGL+24, LYL+24b, LCG+25, LW23, MFZ23, MHSZ25, ML25, NLW+24, OCWL25, PWN+24, PZH+21, QS23, WHW+23, QYYA25, SWP+23, SZL+21, SRB+20, SZL+20, SML+20, TBZ+22, TLH+20, TGL+22, WWC+22, WXH+22, WLZ+23a, WZT+25, WLL+25, WYBX23, WLZ+23b, WLT+23, XLS20, XWZ+22, XWX+24, XHZH24, YLL+25, YLLL23, YD20, ZSS21, ZZW+22, ZBH+22, ZBW+24, ZLZ+25, ZLML20, ZXK+24, ZTD+25]. **chinensis** [LGL+24, YRK+20]. **Chinese** [CZ21, NLW+24, ZLLZ24]. **Chinook** [BLLL21, HP20, MBB20, WDW+22]. **Chironomidae** [MMS+24]. **chlorophyll** [LKP+20, SOZ+25, WCSX22, YYS+22]. **Chocó** [MOG+25]. **Choice** [AHH22, CSMP21, KTB+23, PMB+22]. **Chondrichthyes** [RSC+21]. **Chongqing** [JLLS23]. **chromosome** [BPB+20]. **Chronic** [HCW+22, BGK+20, BRSW24, KS22, MOD+25, TBM+24]. **cinnamomi** [CGRGBGM25]. **circles** [ZHC23]. **circuit** [XHS+24]. **circulation** [KiAM+20]. **Cisco** [FM24]. **CiteSpace** [ZZWF21]. **cities** [LZF21, MKR20, NSS+23, YD20]. **citizen** [EMH+22, JMM+20, KAMS22, KRM+22, LJRM+20, ME25, SLB+23, VMH+21]. **City** [SBF+21, EON23, KBC24, RPARM20, XLM+23, ZZQ23]. **city-centric** [XLM+23]. **Cladophora** [KBAC20, KAT+22]. **Clair** [KWM+24, MSL+21]. **clarify** [ZHC23]. **class** [BSCH23]. **classification** [Lia23, PSG+22, WrJP+22]. **classified** [dVDC20]. **Clay** [KFJS20, MTT22]. **cleaner** [JMHH22, LBN+22]. **cleaning** [DAA+25]. **Climate** [DN24, HHI+22, KLR+24, PTD+23, QXZ+25, UCM+25, vSS24, AHH22, AMP+23, AC25, ACC+24, BPF24, BOLC+22,

BS20, BNAR+21, CWY+24, CLOFD+25, COJ23, CDN+23, CNSK21, CGRGBGM25, CMS+21, CEB+25, CN20, Dav22, DMG22, DCCL24, ELS23, ELM+25, EBS23, FNRP+25, FCL+25, FS22, HMC20, HLH+21, JST+22, KAPZ25, KNP+21, KMS+25, LK20, LBGD21, MMdP+21, ME25, MSS+25, MTBB22, MLV24, MBD+22, MPF+25, MPA+24, MSS24, NAR+25, NHGP23, NYH20, OBFH22, PK23, QS23, RSASP22, RMGNA25, RZY+25, RSC+23, RBVL+20, SCG+24, SLC+23, SCF+24, SMD+20, SGB+24b, SSB22, SGRDA+24, SMV+20, TGRM23, TCS21, TKO+22, VBB+24, WHL+23, WSHZ24, WLL+25, WKL+21, WLT+23, XLS20, XS25, YCK20, YLLL23, ZZŠ+22, ZRMW+20, ZXK+24]. **climate-driven** [NHGP23]. **climate-induced** [AC25]. **climates** [BPW+21, Hop23, JS22, ZZL+25, vSS24]. **Climatic** [DMdR24, CLW23, CAK+23, CAK+24, FGC24, JDJV25, LSH24, LHJ+24, MTLC25, SGB+24a, TGL+22]. **climatological** [CDN+23]. **clone** [AXMJ22]. **closed** [LF25]. **closure** [OHR+23]. **cloud** [BOVVM25, Kiv24]. **CLUE** [COS23, KMP+23]. **CLUE-S** [KMP+23, COS23]. **clues** [BMBB24]. **CMEMS** [ACZ+21]. **CMIP5** [ZFT20]. **CNN** [XHZ25, ZHWZ23]. **CNN-GRU-BiLSTM** [XHZ25]. **CNN-LSTM** [ZHWZ23]. **co** [DAG+21, JC25, Kos22, MJS24, GAMN+23, HKSM23, KKPR20, PG23, Pow25, TSZ+24, YLLL23, ZFT20, ZPL+25]. **co-existing** [Kos22]. **co-harvest** [DAG+21]. **co-infected** [JC25]. **co-invaders** [MJS24]. **coal** [GLP+25]. **coast** [BWS+20, HMVR21, HK23, LGC+25, RKN+21, ASTR+25]. **coastal** [BLG+25, BRBT22, CMGD+22, CL24, GMG+25, HBJ25, KPLH24, KBC24, LLB+23, LL25, MKEH20, NSS+23, OTR+21, OBFH22, PZH+21, SBF+21, SRK+20, TWL+22, Vas23, WCSX22, ZZG+24, JLL+24]. **coasts** [OTR+21]. **cod** [JOE23]. **code** [MTT22, SCC+25]. **coding** [SCC+25]. **coefficient** [HCX+25, MBMV20, RFdL+24]. **Coefficients** [PPSS22]. **Coexistence** [SE22, AM21, CKC20, CZZW25, LGG+22, Pér24, YL22, ZP25]. **coextinction** [BANG20]. **coffee** [CGB+23, KTB+21]. **cognitive** [GLH24]. **cohort** [KK20]. **cohorts** [GSMD24, LSK24]. **coinfections** [SYL+24]. **colchicus** [KLPJ24]. **cold** [GSR+23, PA20]. **Coleoptera** [AJJ24]. **Colinus** [LHF+25]. **collaborative** [BJKT21, STJ25]. **collapses** [SLC+23]. **collection** [WLL+24]. **Collective** [AZBdAI23, SLM24, WLY+23]. **Collembola** [KLL+24]. **collision** [BLB24b]. **Cololabis** [KiAM+20]. **Colombia** [RBEC21]. **colonization** [BP25, NH25, SGB+24b, SKH+20, VBB+24]. **colony** [HCL+22]. **color** [CBG+22, VPK25]. **Colorado** [FG21]. **Columbia** [MBB20]. **column** [Lef23, VRRI+24]. **Combating** [STJ25]. **combination** [HPMB20]. **combinatorial** [HBC+22]. **Combined** [SM22a, WKL+21, Dav22, LBGD21, LZL22, LYM+23, SCG+24, TKO+22]. **Combining** [BBCD23, BVR+20, CDNN+20, HCL+24, KMS+25, XS25, ZMS20, BOLC+22, LMD+25b, WWP20]. **commensal** [JBF22]. **Comment** [CYP+20]. **Comments** [CCJK+20]. **commercial** [VRRI+24, WBW+20]. **commercialization** [MLD+23, STJ25]. **common** [CDB+20, MHP+23, MLP+20, MPL+20, YXY+20, GXZ+24]. **commonly**

[TGS+25]. **commons** [AZBdAI23]. **communal** [MSS+25]. **communis** [CLOFD+25]. **communities** [AC25, CDJ+22, CSMP21, JRD+22, KCS22, LBL+24, PBF+23, YL22]. **Community** [NH25, AADHA+23, CWF+21, Che22, CSB22, DvDA24, For20, HLXZ25, LDZ21, LSL21, MB25a, MGHT20, MPCG21, MPA+24, SOV21, SDSP+21, VSB22, WCF+22, Wu24, YXH20, YEL+21, ZMS20, LL22]. **community-level** [DvDA24]. **compactness** [WST+23, ZYK22]. **COMPADRE** [TK20a]. **Comparative** [EOÖ21, MFZ23, TCG+20, Koo20a, Koo24b, KBSS23, MA25, MDGA25, TQM+24, ZMK+22]. **compare** [BAAN24, CAB+21]. **Comparing** [ALK20, BRSW24, CKC+24, CKC+25, SRTS20, TGS+25, WHL+23, WSL+22, WT20, GAM20, LAC+24]. **Comparison** [CMHZ23, DWZ+25, GLK+22, PCN+23, ZMF+20, LZL22, LPRB+25, PTF23, RSWS23, SDH21, TSdOCV21, WGAH22]. **compartment** [KWG+22a]. **compatibility** [AVP+23]. **compensation** [BANG20]. **Competing** [PBH22, CZZW25]. **Competition** [BdSG+23, CMA23, GHMGBGCL24, AM21, BLB+24a, BLB+25, BPN+20, LDYP25, Loe25, NH25, NMGFOB21, Pre22, RPG20, RMK21, WOOS24, WSN+21, YB22]. **Competitive** [GSRB22, MYH+20]. **competitor** [WAG25]. **Complementing** [PRP+25]. **complex** [AGS+21, AGS+22, AIA+23, ACM24, BP21, BNN20, BLSR+20, CGVC21, EHS+20, JLL+24, KCS22, KLH+24, Kle23, LSB+25, MB25a, MDGA25, NK23, POWS24, RBMRR20, SGPSzC22, SCF+24, SLLW21, SBR20, TK20b, WGBW25, XHS+24, ZBl25]. **complexity** [BLG+25, BA20, ESZ+23, GPN+23, HBLC+25, RSS24, SBS+21, SC24a, VRS20, WLWL23, WTT+21]. **complexity-stability** [WLWL23]. **components** [PBO+25, SGA22]. **Composing** [Kle23]. **composition** [BPF24, EBH+25, HES+20, HES+23, HLH+21, SHT21, WLT+23]. **compost** [SSJC23]. **compost-derived** [SSJC23]. **Comprehensive** [CLY+23, NAR+25, CMHZ23, KAB23a, LdSG+25, LCG+25, Mau24, WAHA+24, dSGAA25]. **Computation** [BSR+23, NCB25]. **Computational** [ACD+24, Laz23, AA25, CMS+21, ESZ+23, MDP21, GCSlR22]. **Computer** [MTT22, CGVC21]. **computing** [DRZ+24, GSJC22]. **concentration** [BH20, KDC+21, TSZ+24, WLL+24]. **concentrations** [EOÖ21]. **concentric** [ZHC23]. **concept** [BWCD23, BRBT22, DP20, Gon23, MDB24b, SBM+22, ZHC23]. **Conceptual** [AAR23, AMK21, AZALP+24, BA20, CSBS21, GSMD24]. **conceptualization** [PGP+22]. **Concerns** [RFHR23]. **concinna** [GSM+20]. **conclusions** [ML20]. **concolor** [CB20]. **concurrently** [WXH+22]. **condition** [CGB+23, LHJ+24, LCH+25]. **conditional** [RFPRC23]. **conditions** [AZMD+22, AS22, AC25, AA25, APGD+21, CLOFD+25, GGMR20, HHB+24, KCHZ21, LBSR25, LDXJ22, LUT+24, MLP+20, MPL+20, PYD+21a, PYD+21b, RCCBMCJ25, SE21, SE22, SBWB24, TGL+22, WSHZ24, WBD+22b]. **condor** [MSD25]. **conductance** [LZY25, Mas23]. **Conducting** [LGA20]. **Confidence** [SBFBDM24, BLSR+20, LK24b]. **configuration**

[GWZ+25, LZL23, MYACC22, OHH+21, dMT23]. **configurations** [CHR+23, MSLM+24, RWF22]. **conflict** [KT22]. **confluence** [CFL+22, DZC+23a, DZC+23b]. **congeners** [Kos22]. **conifer** [CLW+24, FKLH25]. **Connecting** [SPV25]. **connections** [Jor22]. **Connectivity** [DLT+22, AGP20, ACM24, CLZ25, JHKT+23, LTR+24, MP23, MS23, RMV+24, SPV25, SZPW23, SWW+23, SFEE25, SKH+20, TA20, WCM+25, WLL+24, YYL+25, ZTD+25]. **Consequences** [AVRC+20, JvVvHH24, Pre22, WOOS24]. **conservation** [AADHA+23, AAAR23, AAAR24, ASB25, BMS+20, BWCD23, CXZ+23, CAH22, DSC+21, DAN+25, DWG22, EBH+25, GHbS21, HMGK20, HPMB20, LRA+20, MA25, MS23, MGdM+20, RHN+25, RBLS23, RSC+23, RBEC21, RAC+24, SPV25, SQS+25, SACE+20, TCS21, VBH20, WGMR23, WWCT24, ZYK22]. **Conserving** [XCH+21, ME25]. **consider** [MPL+20]. **considerations** [DMPLHGL20, WST+23]. **Considering** [OTR+21, BANG20, DYMD22, GHB+25, KH25, LZD+24, NKT+20, dAWG23]. **Consistence** [YZZF22]. **consistency** [SBFBDM24]. **consistent** [Gri20, LPHO+20]. **consolidated** [ST24]. **conspecific** [WZHP21]. **constitutive** [BMB24b]. **constrained** [CIL+20]. **constraint** [NCB25]. **constraints** [CDJ+22, DR25, MVAD20, YEL+21]. **Constructing** [QYW+25]. **Construction** [LCW25, XHS+24, ZHJQ23, CCJK+20, Gia25, SBMF23, WLZ+23a]. **consumer** [CKC20, CBSB23, WLWL23]. **consumer-resource** [CBSB23]. **consumption** [CZ21, EL22, GKW+25, HBC+22, HWS+23, YZZF22]. **consumption-based** [GKW+25]. **contact** [TLL+23]. **contacts** [RMD+24a, RMD+24b]. **Contagion** [LCM24]. **containment** [FZRG25]. **contaminated** [TIKM24]. **contamination** [LLW+21, MLP+20]. **contemporary** [PTD+23]. **content** [BPK+20, BOVVM25, HCX+25, MGK+23, SPV+20, VMG+24]. **Context** [FEPR24, CLZ25, DGSM21, GMA+25, HHBF24, MLP+20, MPL+20, PGB+20, RPG20, RLH24, SGB+24a, VVH+20, VSK+20, YZZF22]. **context-dependent** [DGSM21]. **contexts** [JDJV25, KCS22, MVC+22, MPT+25, ZBS+25]. **contiguity** [WST+23]. **continent** [WWF+23]. **continental** [RFCEL22]. **continuous** [MKB+24]. **continuum** [MT23, MF20]. **Contrasting** [JJN22, Lev25, AADHA+23, EHS+20]. **contribute** [VPV21]. **contributing** [NFLvdM24, PYD+21a, PYD+21b]. **Contribution** [DHW+20, AGP20, BRNOJ25, FSZ+20, FZS+20, LHJ+24, MYH+20, SGA22, TLC+22, WLZ+23b]. **contributions** [Abe25, Bro25, vDC20]. **control** [AA25, BPW+21, BPB+20, BMRF21, BCMV20, CAB+21, DAA+25, Fer23, GBC+25a, HZ22, HLB+20, JvVvHH24, JGM25, KSJ22, LRA+20, MBR+23, MD23, RBMRR20, SYL+24, SE21, SRK+20, TCG+20, VVLS25, WLQ+23, XGT+24, ZP25]. **control-based** [RBMRR20]. **controlling** [BLB+20]. **Controls** [MBS22, KDH+21, MBB20]. **conventional** [AAM+22, KBSS23, MAD+20, TSdOCV21]. **convergence** [LMNV20].

Converging [LBB20]. **conversion** [dMFOM+20]. **converting** [ZA20]. **Convolutional** [JVGC21, PSG+22]. **Cook** [Ano25n]. **cool** [TDI+20]. **cool-temperate** [TDI+20]. **cooperation** [Gat21, QZ25]. **cooperative** [GAC+21, RBGB23]. **coops** [FC21]. **coordinated** [LYM+23]. **coordination** [YD20, YJC+24, ZSS21]. **copepod** [CSB22, KD20]. **Copepoda** [TBP+23]. **copper** [GRAA22]. **copper-induced** [GRAA22]. **Coral** [BACJ25, BCGR25, CN20, GGMR20, XHZH24]. **cordatus** [APGD+21]. **Cordyceps** [CNSK21]. **core** [ALS+21, TLH+20]. **Coro** [CYP+20]. **Coronavirus** [Gat20, CYP+20, Cor20]. **Correcting** [BSCH23, RGD+22]. **corrections** [HGBK23, MDBvdBB24]. **correlated** [AP22, PDD+22]. **correlation** [DVPPMV+24, WZHP21]. **correlative** [HFSL+24, SACEU+21, TSdOCV21]. **corridors** [LHH+24, RHN+25]. **Corrigendum** [AJG22b, AGS+22, BLB+25, BdBG+21b, BS20, BEH+25a, BR25, CVTS20a, CKC+25, DZC+23a, EKY25, HES+23, IBB+22, KHH+24, LhNA+22, MAW+24a, PYD+21a, RMD+24a, SE20a, SGTS23, SGV25a, WHE+24a]. **corroborate** [FFM+23]. **coryi** [CB20]. **cost** [CZ21, HCPG20, JDJV25, Lef23, LCX+25]. **cost-effectiveness** [HCPG20]. **cost-efficiency** [LCX+25]. **Costa** [AHO+20]. **Costing** [HPMB20]. **costs** [MJ24, NND+22, RRP+23, SMMT25]. **cotton** [GAMN+23, WXH+22]. **cotton-wheat** [GAMN+23]. **could** [VBB+24]. **count** [RCSS20]. **counties** [HHP+25]. **countries** [LMW+23a, dSGAA25]. **counts** [AP22, WWP20]. **County** [KT22, LYL+24b]. **Coupled** [GGE+23, MTW+22, WXT+20, CXZ+23, DVVH21, FMH+20, KCS22, LCH+25, Mas23, MTT22, PG23, SINS22, WG21, WSW23, WbM+24, WW24, ZLL+23]. **Coupling** [YHC+21, BLA+24, BLAA25, HBJ25, WLLW20, WZT+25, YXY+20, YJC+24, ZSS21, ZHWZ23, ZZG+24]. **course** [LM23]. **CoV** [CYP+20, Cor20]. **covariate** [vSS24]. **cover** [COS23, CDA25, CPTD22, DCT+21, DMdR24, HAZEF23, Kiv24, LL25, LSS+21, MKB+24, SCH+21, WWC+22, YCK20]. **coverage** [SGCFB22]. **cowberry** [ML20]. **Coyote** [MMMS23]. **Cr** [MTT22]. **crab** [CMFC23, OCT+23, YFW+21]. **Cracking** [SCC+25]. **crane** [DNM+24, NBMD21]. **crassifolia** [ZJX+25]. **crassipes** [XGT+24]. **Crassostrea** [DMPP24, GNH+24]. **created** [SBS+21]. **Creating** [HHFB23, EON23]. **creative** [CEB+24]. **credibly** [Haa24]. **credit** [VBB+24]. **Creek** [KFJS20]. **Crimea** [Vas23]. **Criteria** [USA21, BLAA25, KFM+23, LAC+24, MAN+20, MSS24, dSGAA25]. **Critical** [TA20, ABM20, MOG+25, SFEE25, STK+25, WA25, WCG+24]. **critically** [HMGK20]. **croaker** [RJY+20]. **Crop** [ECC+22, BZM+25, BLAA25, CSCT23, CJM+23, CGVC21, DCT+21, HKH+23, HBC+22, JPL21, LB24, LBT+22, LDX+23, LYM+23, MVC+22, OHH+21, PBO+25, POWS24, RMCCB24, RGB+23, SGB+24a, SJA+22, SOZ+25, TGB+23, WYJ+22]. **crop-weed** [CGVC21, MVC+22]. **cropland** [GHB+25, HCX+21, ZYK22]. **croplands** [RMO22]. **cropping** [DDH+22]. **crops** [CMSD+22, CAFT22, DGVVP23, NAM22, dAWG23]. **CROPSIM** [PTF23].

CROPSIM-CERES [PTF23]. **Cross** [TFH+25, JHL23, MZW+25, MBG+22, RAC+24, WHdBB21]. **cross-border** [JHL23]. **Cross-realm** [TFH+25]. **cross-scale** [MZW+25, MBG+22]. **cross-sectional** [RAC+24]. **cross-validation** [WHdBB21]. **Crossing** [WCM+25]. **crossroad** [BAR20]. **crown** [FKLH25, Loe25, MAB23, dAPdBMT23]. **crown-of-thorns** [MAB23]. **Crustaceae** [BAAN24]. **cruzi** [EBMK20]. **cryptic** [BVR+20]. **Cryptolestes** [AJJ24]. **Cryptomeria** [HKSM23]. **CSCER** [PTF23]. **Cu** [MTT22]. **cucumber** [TCG+20]. **cue** [TPD+24]. **cue-based** [TPD+24]. **Culex** [FGM+24]. **culling** [CAB+21]. **culls** [Dav22]. **cultivated** [GKW+25, LYFY25]. **cultivation** [KBSS23, SSB22, Vas23]. **culture** [DAGR25, DMPLHGL20, FDSM20, SZL+20]. **cultures** [PGB+20]. **Cumulative** [TBP+23, LPL22b, LCW25, MMS+24]. **curated** [SCACB23]. **currency** [CDB+20]. **Current** [CFG+22, MPF+25, XLN+25, JZS+21, LHDBN20, RMGNA25, vSS24]. **currents** [PTD+23]. **Curricular** [Por21]. **curse** [CBSB23]. **Curtis** [RP22]. **curve** [LMNV20, MRM25, RGB22, UBTB25]. **curves** [BBSHC22, BMG24, HLGF24, LGA+21, SDP21]. **cutaneous** [ZMG+21]. **cutting** [CSM23]. **Cuyo** [AZMD+22]. **cyanobacteria** [GSRB22, JBB+25, JCM+25, LCLG20, RHP+24]. **Cyanobacterial** [LWZL23, JvVvHH24, ELS23]. **cyanoFilter** [OSH+21]. **cycle** [AZAD+23, BPL+20, BP21, CFC25, EL22, HKG+24, KBSS23, LUT+24, MdO25, MMS+24, NGA+20, SLYL+20, SGPSzC22, SGA22, SINS22, SFFL25, WZZF23]. **cycle-based** [EL22]. **cycles** [JBB+25, JCM+25, JMC+22, Koo24a, MD23]. **cycling** [BKTM20, DAGR25, DMdR24, FWK+20, KMAA23, SLB20b, SMP20]. **cytometry** [OSH+21].

D [Des21, CGVC21, PMP+21, PM22, VRRI+24, WSW23]. **D.** [HKSM23]. **DAESim** [TBCV22]. **daily** [WHL+23]. **dairy** [LS25, TIKM24]. **Daisyworld** [Kag25]. **dam** [SAdA+22, WLZ+23a]. **damages** [SAdA+22]. **damaskrose** [NGA+24]. **damselfish** [GGMR20]. **Daphnia** [PDH+22]. **Data** [AVRC+20, BTC+22, PPJN25, AHH22, AADHA+23, AMK21, AMP+23, ATP20, AG22, ALK20, BSS+24, BS20, BBSHC22, BVR+20, BCPV25, CJM+23, EMH+22, GCSlR22, GCS+21, GML+20, HLGF24, ILLM20, IBB+21, IBB+22, Jag20, JVGC21, JMM+20, KAMS22, KRM+22, KKF+23, KD20, KUK+21, LDC+20, LMD+25b, LHF+25, LJP+22, LGC+25, LCH+25, ŁKPK22, LAC+24, MMM+24, MRM25, NAR+25, NGE+21, NT23, OSH+21, OW20, PK23, PSM22, PRdN+20, PPH+21, PM22, RMS24, REGI+24, RMA+24, RGB22, RBVL+20, SSM24, SNP+23, TSdOCV21, VMH+21, ZWL+21]. **data-based** [AADHA+23]. **Data-driven** [BTC+22, CJM+23]. **data-poor** [AMP+23]. **data-scarce** [LCH+25]. **data-sparse** [AMK21]. **Database** [TK20a]. **dataset** [LJRM+20, ŁKPK22, Woo24]. **date** [DIS23, GSSC25, JPL21, TBZ+22]. **dates** [KH25]. **DayCent**

[DDH+22, SOZ+25]. **Days** [BZM+25, XD25]. **DDE** [RRB+25]. **dead** [SS25]. **Dealing** [BVR+20, MVAD20]. **death** [NTHC23]. **DEB** [AVRC+20, GSM+20, JGG23, KK20, MPL+20, OMC+24, PKE+25, SLYL+20]. **DEB-structured** [KK20]. **DEB-tox** [AVRC+20]. **DEBtox** [Jag20]. **Debugging** [SLM24]. **Decadal** [HSL+22, IBB+21, IBB+22]. **decade** [PNB+25]. **decay** [AB21]. **December** [Ano20c, Ano20o, Ano21c, Ano21o, Ano22c, Ano23c, Ano24c]. **deciduous** [SWW+25, SPPC21]. **Decision** [LZW20, NGE+21, USA21, BLAA25, BVR+20, CMSD+22, CEB+24, For24, GZK+20, JST+22, MTW+22, MSS24, PGP+22, PBS21, RMS24, BOVVM25]. **decision-making** [BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Decision-Support** [LZW20, PGP+22]. **decisional** [Pie23]. **decisions** [APT24, CDNN+20, LE23, WDW+22, YDLT24]. **decline** [CGRGBGM25, DN24, LG20, RM20, XHZH24]. **Decne** [PCN+23]. **Decoding** [HNC+21]. **decomposer** [KKP+21]. **decomposition** [CCH20, KAB+23b, TGB+23]. **Deconstructing** [WGK+21]. **decoupling** [ZPL+25]. **decrease** [dSBDH23]. **decussatus** [LJvdM24]. **deep** [CCH20, EOÖ21, Lia23, WCSX22, WrJP+22, XHZ25]. **Deer** [HCW+22, BPF24, BLB+24a, BLB+25, BGK+20, KS22, TBM+24, VRW+21]. **Defaunation** [MMdP+21]. **defence** [RTH+21]. **defence-reproduction** [RTH+21]. **deficient** [CAFT22, YXH20]. **deficit** [LCH+25]. **define** [MLV24]. **defines** [ZGG22]. **Defining** [NBU+23, RFHR24]. **defoliator** [PCL24]. **Deforestation** [dSBDH23, ZZW+22]. **Deforestation-induced** [dSBDH23]. **degradation** [AMK21]. **degraded** [BWCD23, ESCA22]. **Degree** [BZM+25, ZSS21]. **degrees** [XHZH24]. **Delaware** [KH25]. **Delay** [RCSS20, AWW24]. **delayed** [WWA+22]. **delays** [CZZW25, RRB+25]. **Delimitation** [ZYK22]. **Delineation** [SD24]. **Delta** [CL21, SWP+23, GMS+23, DN24, HHP+25]. **deltaic** [BMAME+23]. **demand** [KMP+23, MRR+20, MGdM+20]. **demanding** [TSdOCV21]. **demersal** [BAAN24, DTD+23, RSC+21]. **Demographic** [BAZ22, PTBFP+20, ABC+22, BEH+25a, BEH+25b, CP20, EBH+25, GMV24, MCMP+24, PSM22, RNF25, RRL+25, ZOJ+23]. **demography** [JMC+22, LVM+22, PMB+22, STW+23]. **demonstrates** [ACM24, JHKT+23]. **Demystifying** [MB25b]. **dengue** [ABZ22, FNA+25, KAPZ25, ZXK+24]. **denitrification** [CL24]. **Denmark** [LKB+25]. **denning** [CLW23]. **Dense** [HHI+22]. **densities** [NLW+24, RMCCB24]. **Density** [HI22, ZP25, CKC20, DCCL24, HMBH25, PSBE23, RFPRC23, UBTB25, VRW+21, WRC21, dVDC20]. **density-dependent** [PSBE23, dVDC20]. **density-size** [DCCL24]. **dependence** [WRC21]. **dependencies** [LdSG+25]. **dependency** [FEPR24]. **dependent** [BHC22, BC25, CMFC23, CTL22, DGSM21, HML+22, KRMP23, MGWG22, NGE+21, PWN+24, PSBE23, PGdAM+20, RMCCB24, RWF22, UBTB25, YB22, ZP25, ZSS20, dVDC20]. **depending** [GNH+24]. **depends** [MWB+24]. **depensation** [MOG+25]. **depletion** [BRAL23]. **deposition**

[BPL+20, RLdM20]. **depredation** [CDT+23]. **depredation-impacted** [CDT+23]. **depth** [CGRR+24]. **depth-resolved** [CGRR+24]. **derived** [KJH24, OW20, SSJC23]. **describe** [HFP20, MB25a, RCSS20, RRSG21, RRB+25]. **Describing** [BPN+20, BWS+20, CNNS+21, PCN+23, PAB+22]. **Description** [RRSG21, TGB+23, FSZ+20]. **descriptions** [JBB+25]. **descriptive** [BSPT23a, BSPT23b]. **desert** [CWY+24, CJM+23, KWC24, LAK+23, ZMS20]. **desert-oasis** [CJM+23]. **desertification** [FMRMAS24]. **deserts** [BP21, WXX+23]. **design** [BBCD23, CWH+21, FEP25a, GHB+25, MAD+20, NPS+23, Tur20, WST+23, ZJEG24]. **Designing** [SJA+22, ZBl25, MGF25]. **designs** [RAC+24]. **details** [WTT+21]. **detect** [LM23]. **detecting** [KKW+21, WGH+25]. **detection** [APF21, CRP+25b, DMM+23, HLGF24, JJN22, NGAM25, UBTB25]. **detections** [NND+22]. **determinants** [DDG+21, LPD+20]. **determination** [MGWG22]. **determine** [CSZY+20, CDT+23]. **determined** [HKH+20]. **determines** [SBMF23]. **Determining** [ALS+21, RPT21, USA21, SSM24]. **deterministic** [LK24b]. **detritus** [AWW24]. **detritus-nutrient** [AWW24]. **Detroit** [KWM+24]. **develop** [RHN+25, RWZ+24]. **developed** [MGF25]. **Developing** [PFK+22, SDP21]. **Development** [AA25, AIA+23, DDG+21, ESZ+23, HL23, KLH+24, MFF+24, NO23, NT23, PPL25, SSB22, ZZZD22, BSPT23a, nCLpW+23, CPAT20, CMS+21, DLZ+20, FEPR24, GCMU23, HEL+21, HBRK24, HCL+22, HSD+21, HHP+25, Jia21, JASW23, LPS+21, ŁJ21, LYM+23, Pal24, RPB+23, SGPSzC22, SYL+24, SBWB24, TK20b, WRC21, XLN+25, XHZH24, ZWZ+24, ZSS21]. **devices** [NPK+23, PDD+22]. **Dez** [ZMK+22]. **DGVM** [VK24]. **diadromous** [BOLC+22]. **diagnostic** [KMH+21]. **diagrams** [AIA+23]. **dialogue** [RSS24]. **diameter** [SdMF+25]. **diamondback** [LB24]. **Dianchi** [WCG+24]. **diapause** [BVM+21, PGdAM+20]. **DiaThor** [GSJC22]. **diatom** [GSJC22]. **diatoms** [LCLG20, SBMF23, VMMEM25]. **Dicentrarchus** [WBW+20]. **diel** [CSB22, DZBB24, JCM+25]. **Diels** [ZWL+21]. **diet** [LPA+21, PTG+20]. **Dietary** [MLP+20, MPL+20]. **differences** [AJJ24, CKK+24a, GSM+20, KWM+24, MSML24, RGH+25, UM25, ZJX+25, vdMYvdW24]. **Different** [XHZH24, ATP20, AJJ24, BRNOJ25, BRSW24, CHR+23, DIS23, GVG+23, Hop23, JL23, JDJV25, LYC+21, MSLM+24, NLW+24, Sak23, SBMG24, TLC+22, TGL+22, WSHZ24, WTT+21, ZBS+25, ZBH+22, ZLZ+24]. **differential** [ACM24, COPM23, FGM+24, Hu25, SH25, VMM+21, Wu24]. **Differentially** [RSC+24]. **Differentiating** [BG22]. **differentiation** [GSRB22, HLZ+22, ZSS21]. **differentiations** [LLZM20]. **differently** [RLdM20]. **diffusion** [Ano25n, CAH22, Coo95, FMRMAS24]. **Diffusivity** [AJJ24]. **digestion** [AWW24]. **digging** [SLM24]. **DigiBog_Boreal** [RPB+23]. **digital** [KKW+21, MFK+25, SG20]. **dilated** [PSG+22]. **Dilution** [Oku21, CLHZ22]. **dimensional** [ABB23, Ano20-50, Coo95, DBK20, DAN+25, LWE+22, NBML21, TWL+22, YLS+21, Ano25n]. **dimensions** [KCS22, SZPW23]. **dimictic** [EL21]. **DINAMICA** [HPMB20]. **Dingxi**

[LYL+24b]. **dinoflagellate** [GSJ+22]. **Dinosaurs** [PR21]. **dioecious** [LBT+22]. **dioecy** [MT23]. **dioxide** [BH20, BLB+20]. **diphtheria** [LPSF24]. **direct** [BGA22, MTS+20, MS25, TBM+24, ZOJ+23]. **direction** [LDJ25]. **directional** [STQ+22]. **disadvantages** [CRP+25b]. **discharge** [Che21, DAGR25, YG21]. **disciplines** [BVR+20]. **Discrepancies** [MYACC22]. **discrete** [mSzZK+21, SE22]. **discrete-time** [SE22]. **discrimination** [SBFBDM24]. **discus** [DLZ+21]. **discussion** [Hun25]. **Disease** [HCW+22, BAPW20, BJKT21, BGK+20, BRSW24, CBSB23, CLPZ20, CLHZ22, CGC+25, EBMK20, GSC+23, GMV24, JC25, KS22, MOD+25, NWJ+22, PSG+22, TBM+24, VVLS25, WHE+24a, WHE+24b, WrJP+22]. **disease-induced** [CBSB23]. **diseases** [GRGHM21, VSB22]. **Disentangling** [DAB+20, QZSV21, WTT+21]. **disgust** [PF23]. **Dispersal** [CGB+23, FH24, LHH+24, AE22, AM21, BOLC+22, BSR21, CGV22, DZBB24, JPMA+23, LK20, LHDBN20, LBB20, LSL20, SMMT25, VMM+21, WSW23, dAdSCA20]. **disperser** [DAG+21]. **dispersion** [IA23, MYH+20]. **displacement** [CMA23]. **disprove** [LGK+23]. **dissimilarity** [RP22]. **dissolved** [CFL+22, FTH24, NKT+20, YFW+21]. **distance** [MVAD20, PPH+21, RP22, RBEH21]. **distance-independent** [PPH+21]. **distances** [WJ24]. **distinct** [CTL22, KMS+25]. **distinguishes** [KWM+24]. **distort** [ŁKPK22]. **Distributed** [RCSS20, NA22]. **distribution** [AHH22, AMP+23, AFdSM23, ALJ+22, BOLC+22, BM22b, BM22a, BSCH23, BS20, BWSS21, BMS+20, BMG24, BG22, CSBS21, CLPZ20, CNSK21, CKC+24, CKC+25, DSP+25, EWE20, FDH+25, FNRP+25, FS22, GMM+24, GWH20, HLZ+22, HFSL+24, Jia21, LDYP25, LHF+25, MSS+25, MGK+23, MLJ+23, MMRBLN20, MVAD20, Men22, MBD+22, OW20, RBLS23, RSWS23, RSC+24, RMGNA25, RJY+20, dSRDC+23, RPT21, SLB+20a, SVK20, SKW23, SKAB25, SBFBDM24, SFEE25, SC23, STRC24, SBMG24, TK20a, TFH+25, VRRI+24, VMH+21, VC25, VRS20, VM25, WSM24, WWP20, WSL+22, YLS+21, YCI20, ZZZD22, MLJ+23]. **distributional** [BLA+24]. **distributions** [HLGF24, HMDO20, JMM+20, LK24b, OMP+23, PEFW20, SRTS20, SENJ+25]. **District** [MDP21]. **districts** [HHP+25]. **disturbance** [CMRF+24, FdKO21, HBLC+25, LVM+22, LHL22, NL20, PZH+21, RTB+24]. **disturbances** [CZZW25, YDQ+23]. **Disturbed** [HHI+22, JJJ+25, KLNMG22, MHP+23, MCB+23, WLWL23]. **diurnal** [JCM+25]. **diversicolor** [GLA+20]. **diversification** [JDJV25]. **diversion** [BLB+24a, BLB+25]. **diversities** [Lev25]. **diversity** [ACM24, CLPZ20, Che22, HLW+20, KAB+23b, LPA+21, PNGESS21, PSZ20, RFF+23, SOP22, SG20, WZHP21, YXH20, ZL24]. **DNDC** [GAMN+23, SMM+22]. **Do** [WLV+25, WTT+21, BAM23, CSCT23, FDH+25, RLdM20, WJ24]. **doab** [AIA+23]. **documenting** [MGF25]. **DODM** [STRC24]. **Does** [JJN22, ME25, Ale25, CKC20, GZ23, KLNMG22, MTLC25, Pér24, PAS+22,

PNGESS21, SKH+20, VSB22, XGT+24]. **doing** [ASKR24]. **dolomieu** [LBI+20]. **dolphin** [RBLS23]. **domainal** [Ano20-50]. **domestic** [GM23]. **dominance** [SIOM24]. **dominant** [AMP+23, LHH+24]. **Don** [HKSM23]. **Dorosoma** [PSBE23]. **dorsalis** [TBP+23]. **dose** [YXH20, ZL24]. **doses** [MJdORPG23]. **dots** [SPV25]. **double** [QYYA25]. **Douglas** [ASB25, BLB+20]. **Douglas-fir** [ASB25, BLB+20]. **down** [EOÖ21]. **downscaled** [NLMM23]. **DPSRC** [YCZ+25]. **Dr.** [Des21]. **drained** [RGD20]. **Dreissena** [PKE+25]. **drift** [LEC+23]. **drinking** [ELS23, ZZZD22]. **drip** [GLK+22, GZD+23]. **drip-irrigated** [GLK+22]. **drive** [CZZW25, FLG+23, GZ23]. **driven** [ABR24, ABC+22, BTC+22, CMFC23, CJM+23, nCLpW+23, CGZ24, CGV22, ILLM20, JLLS23, KiAM+20, Koo24a, LG20, NHGP23, OWGRF25, PSM22, SJH+23, SBR20, TK20b, WSW23]. **driver** [BA20, GKW+25, HLW+20, MB22]. **driver-pathway** [GKW+25]. **driver-response** [BA20]. **Drivers** [MZW+25, CFG+22, DAB+20, HBP+21, MAGR+22, MD23, WF24]. **drives** [ZFC+23]. **Driving** [WWK+24, MHSZ25, MAW+24a, MAW+24b]. **drone** [SENJ+25]. **Droop** [WGAH22]. **Drosophila** [RRSG21, SLM24]. **drought** [BZM+25, LPS+21, LZY25, PKKT+24, SKPL24, SD24, ZZLF24]. **drought-induced** [LPS+21]. **droughts** [AHK+25, HHBF24, SZC+25]. **dry** [DYMD22, DZC+23a, DZC+23b, YLLL23]. **drying** [JJJ+25]. **Dryland** [CGV22, TMM25, FCL+25]. **dryness** [JPL21]. **DSSAT** [PTF23]. **dual** [SZPW23]. **due** [AVP+23, LDS+23, MKR20, MYH+20, ZOJ+23]. **DUET** [MLJ+23]. **dugon** [Lef23]. **Dugong** [Lef23]. **dugongs** [Lef23]. **duration** [LGA+21, MOD+25]. **during** [BSP+25, CRZ+23, CZ21, DZBB24, DZC+23a, DZC+23b, GLP+25, HMLZ24, KFM+23, OHH+21, STQ+22, Tsy22, dKS22]. **Dutch** [BAPW20]. **Dwarakeswer** [SD24]. **dwelling** [PSM+21]. **DynaGraM** [MPCG21]. **Dynamic** [BM21, CGZ24, DR25, DMPLHGL20, FCP+20, GLA+20, HMGK20, LFN+20, LZF+24, PSM+21, PKE+25, RGW+25, SWW+25, SC23, VLGG+20, WWC+22, ZLLZ24, ZLZ+24, vdMvDSL20, ABKA24, AADHA+23, BAAN24, Bro25, CMGD+22, CLZ25, CDB+20, dSCdA21, DS23, DAGR25, DFL+25, DLZ+21, ERP21, FdKO21, FSY22, GMM20, HHB+24, HBRK24, JB22, JM22, JGM25, KWC24, KD20, Koo20b, LBL+24, LYC+21, LAK20, LHL22, Mat23, MFK+25, RPG20, RJY+20, RRCZ20, SVK20, STRC24, SL24, SRB+20, SMS+24, TBCV22, TSBE23, Tur20, VJK+23, WCSX22, XWX+24, YRK+20, DMPP24, DPC20, KGBL24, KKM+24, LJvdM24, RLH24, SNN24]. **dynamical** [LPSF24, MMN+25, RSS24]. **Dynamically** [SCG+23, JPL21]. **Dynamics** [DBDR22, GWD+23, MBR+23, PG23, TIKM24, ADR21, AM22, AG22, ACC+24, ADSvdZS25, AHSH+25, APF21, APGD+21, BS21, BOLC+22, BGS+20, BGR20, BGA+23, BLP20, BACJ25, CR24, CLH23, CL24, CGC+25, CGV22, dTCGF+24, DGS25, DKM+21, DAQ20, DMGP20, DBD+25, DRZ+24, DS24, EL21, EL22, FCFCM24, FEP25a, FGC24, FDSM20, FPR+25, dCFX25, FSZ+20, FZS+20, GSR+23, GAC+21, GRAA22,

GBC+25a, GSJ+20, HZ22, HSJ+20, HSP+22, Hop23, HLXZ25, JLV+21, JLZ+25, JLLS23, JJJ+25, KDH+21, KCP+23, KSJ22, KLH+24, LE23, LRA+20, LdSG+25, LF25, LMD+25b, LSL21, LQH24, LZW20, LSS+21, LGL+24, LCMB21, MLL20, MLMI23, MPSS24, MDB+20, MB25a, MDB24b, Mau24, MSLMM22, MF20, MB22, MMC+21, MTLC25, MPCG21, MAW+24a, MAW+24b, MKB+24, MOD+25, NO23, NO24, NS20, NGE+21, NLMM23, NK23, Nug25, Oku21, OCT+23, PDH+22]. **dynamics** [PBH22, PBO+25, PSG21, PPH+21, PRM+25, PKO+21, PZH+21, PMP+21, PCK+22, POWS24, RCCLMGV22, RTSD+25, RFJ+22, RKN+21, REGI+24, RWS+21, SCB+20, SQDM21, SM22a, SMD+20, SE21, SE22, SKAB25, SLB+23, SJH+23, SLC+20, SBR20, TPD+24, TZC25, TK20b, Uch23, VPK25, VSB22, VVLS25, WGAH22, WbM+24, WLL+25, WAG25, WB24, WLSJ24, WGH+25, Wu24, XYZR21, XFK21, XLN+25, YCZ+25, ZMS20, ZLLZ24, ZYM+21, GCSlR22, JCM+25].

E-PSR [RS23]. **e-waste** [dCFX25]. **E2E** [SHF24]. **each** [MJS24]. **eagle** [RM20]. **early** [LBSR25, LAK+23, MFF+24, SNN24, WSFZ21]. **early-life** [LBSR25]. **earth** [JLZ+25, Kle23, Har25]. **earthquake** [BWS+20]. **earthworm** [RPG20]. **East** [BWS+20, COS23, MTW+22, UCM+25]. **eastern** [ACC+24, BWS+20, LAK+23, LLC+24a, YJC+24, GGMR20, MDB+20, OCT+23, SCG+23]. **easy** [CXZ+23]. **easy-to-apply** [CXZ+23]. **EasyCA** [AXMJ22]. **Ebro** [DN24]. **Echinococcus** [MMMS23]. **eco** [Abe20, CN20, DPC20, GSC+23, LLC+24a, LQH24, LCH+25, LW23, MF20, NWO21, NO23]. **eco-efficiency** [LW23]. **eco-epidemiological** [GSC+23]. **eco-evolutionary** [Abe20, CN20, LQH24, MF20]. **eco-hydrological** [LCH+25]. **eco-hydrology** [NWO21, NO23]. **eco-physiological** [DPC20, LLC+24a]. **ecode** [Wu24]. **Ecodynamics** [Ano20-49]. **ecogeomorphic** [PR22]. **Ecohydraulic** [Yao21]. **ecohydrodynamic** [DVVH21]. **ecohydrologic** [BKTM20]. **ecohydrological** [HKY24, MLMI23]. **Ecol** [BS20]. **Ecological** [AAAR24, AGS+22, Ano25n, ABW+25, ARSC22, BLB+25, BdBG+21b, BMS+20, BEH+25a, BR25, CFC25, CVTS20a, DS21, EKY25, FDF+25, HHB+24, HLN+25, HES+23, HWSD25, KHH+24, LC20, LF25, LBI+20, LZD+24, LSG21, LLW+21, MMRBLN20, MP23, MGC24, MZX25, MAW+24a, OCWL25, Pie23, SE20a, SGTS23, SGV25a, SFFL25, TWL+22, TLH+20, VBH20, WHE+24a, WCF+22, XWX+24, ZYZ22, ZZQ23, ZBl25, AS22, Ale25, ADSvdZS25, Ano20-50, AFG24, ASB25, BHH+25, BANG20, BRC+21, BAM23, BMG24, BG22, CB20, CLY+23, CLZ25, CNSK21, CIL+20, CYP+20, Cor20, DYMD22, DK22, DWG22, EGAS23, ESZ+23, FNRP+25, For24, GGE+23, Gon23, GPN+23, GCMU23, GZK+20, HCL+24, HYY+24, HNC+21, JLZ+25, KMAA23, KNP+21, KLH+24, KAT+22, KBSS23, LLZM20, LCM24, ŁKPK22, LPD+20, LYL+24b, LCW25, LCG+25, MMM+24, MSML24, MFPIBGES23, MS20, MZLRSZ21, NGA+24, NCG+24]. **ecological** [NBU+23, NL20, Nug25, OBFH22, PDW+24, PBH22, PHL20,

PGB+20, PAB+22, PPSS22, PTNR+20, RSS24, RS23, RBMRR20, RCCBMCJ25, RFHR23, RFHR24, RBEC21, RMD+24a, SZPW23, SACEU+21, SCACB23, SML+20, SCC+25, TZC25, VRS20, VSK+20, WG21, WXX+23, WLQ+23, WZLC24, WA25, WGBW25, WWZ+25, WLL+24, WLV+25, WW24, XHS+24, XD25, YYL+25, ZMK+22, ZHJQ23, ZTD+25, ZFP21, ZHC23, ZZG+24, ZGMFESD23, dFT+20, Pas21].
ecological-economic [DWG22]. **ecological-risk** [GZK+20]. **Ecologically** [Por21, CWF+21, CKC+24, CKC+25, GCSlR22, MFF+24, WAHA+24, WCF+22]. **Ecologically-Based** [Por21]. **ecologists** [WG21, WCM+25].
Ecology
[Mea20, Por21, BWSS21, CBW22, CNMS25, Fou21, MGF25, MWB+24, OEF25, PSW22, RFHR24, UGSG24, WCM+25, WGFS24, XJW21, dMT23].
econ [CXZ+23]. **econometric** [BVR+20]. **Economic** [DMPLHGL20, ZBl25, CZ21, DWG22, HMLZ24, JLLS23, LZL22, MDGA25, NAM22, PBO+25, WAHA+24, WZLC24, WBS+24, ZWZ+24, ZSS21].
economics [LM21, OEF25, SM20]. **economies** [WF24, YD20]. **Economy** [Pal24, Ano20-49, FMSR20, GCMU23, SAL+22, SMP20, ZA20]. **Ecopath** [BWS+20, PTG+20]. **Ecophysics** [GRS+20, Pas21]. **ecophysiological** [CAK+23, CAK+24, TSdOCV21]. **ecoregion** [LhNA+21, LhNA+22].
ecoregions [HH23]. **Ecosim** [BWS+20, WA20]. **Ecosystem** [BM21, FWK+20, GSA24, LB21, PKB+23, RSB+23, UCM+25, YZF20, ZZŠ+22, ASHK22, ABM20, BMBB24, BNN20, BNAR+21, BCM25, BAR24, BRBT22, BLSR+20, BDA+20, BGC+24, CBG+22, CL21, CLY+23, CWW+23, CXZ+23, CWZ+25, CVTS20a, CVTS20b, CL24, CPAT20, dTCGF+24, DS24, ELM+25, EON23, FMH+20, FDSM20, GHB+25, GDF22, GSJ+20, GZW+20, Haa24, HKB+20, HES+20, HES+23, JLL+24, JHL23, KRvW+25, KPLH24, LUV+23, LL21, LZL23, LCW+21, LPD+20, LGA20, LSB+25, MPC+22, MEGA21, MFH+22, MTZA23, MBS22, MMN+25, NMS24, NCB25, OHR+23, PBF+23, PDW+24, PGP+22, PRdN+20, PDGB21, PZH+21, PRP+25, PCK+22, QXZ+25, RWZ+24, RUTY23, RLS+24, SBS+20, SBS+21, SBM+22, SGV25a, SGV25b, SMD+20, SHF24, SINS22, SZL+20, SOZ+25, TBCV22, WHL+23, WZT+25, WWZ+25, WYBX23, WFW+24, XCH+21, XCZ+20, YPS+21, ZYZ22, ZCJ+20, ZTD+25, ZYK22, ZHC23, ERP21]. **Ecosystem** [ECD+24]. **ecosystem-atmosphere** [BGC+24]. **Ecosystem-based** [GSA24].
Ecosystem-scale [FWK+20]. **ecosystem-wide** [HKB+20]. **Ecosystems** [BAR20, AM22, AAC20, BA20, BLL+23, BP21, BARF20, CP22, CTL22, CGRGBGM25, DK22, DL25, DRZ+24, FCL+25, FPR+25, FSZ+20, FZS+20, GPN+23, GZK+20, HLW+20, HLZ+22, JLL+24, LSA+21, LWL24, MBG+22, NAR+25, OTR+21, OKS+21, OEF25, PNB+25, WHW+23, RFHR23, RGRMRR20, SCF+24, SZS+25, WZHP21, WWCT24, ZFT20, ZFC+23].
ecotone [TBZ+22]. **ecotourism** [STJ25]. **ecotoxicity** [Jag20].
ecotoxicology [PFK+22]. **Ecotracer** [SPW+25]. **ectotherms** [RRSG21].
edge [BP25, GHMGBGCL24, LCW+21, YJC+24]. **edible** [GMM20].
editorial [LSG21, Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29,

Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano25c, Ano25d, Ano25e]. **Editorial** [Ano25f, Ano25g, Ano25h, Ano25i, Ano25j, Ano25k, Ano25l, Ano25m]. **Edmonton** [NBML21]. **eel** [BdBG+21a, BdBG+21b, Nug25]. **eelgrass** [KNP+21]. **Effect** [AFdSM23, JMC+22, JRD+22, KFM+23, LDX+23, QZ25, RGRMRR20, TMM25, ZBW+24, ABH+20, BLB+24a, BLB+25, BLLL21, CHR+23, CLHZ22, CMS+21, EWE20, FCT+25, GHMGBGCL24, Kag25, KS22, KUK+21, KBAC20, LL21, LP22, MSG21a, MDT+23, MKR20, MOD+25, NDNN22, OMP+23, PDH+22, PZH+21, RCCLMGV22, RMA+24, SCF+24, SFFL25, WJ24, XLM+23, dAdSCA20, RLM23]. **effective** [BP25, BCMV20, DAA+25, PMZ+21, RHN+25, SSM24]. **effectively** [BEH+25a, BEH+25b]. **effectiveness** [BJKT21, HCPG20, WJ24, XWX+24]. **Effects** [CWH+21, CMAG+25, FdKO21, JDJV25, KKH+24, LHDBN20, LCMB21, MMC+21, MJS24, NBMD21, VRS20, WZ25, WWW25, YSFX23, YXF25, ADR21, AHSH+25, BCGR25, BKTM20, BH21, BSCH23, Che21, CGV22, dSCdA21, CP20, CSB22, DMPP24, DMM+23, DWH+21, EVT+21, GMV24, HCL+22, Hop23, Ino22, JC25, KMAA23, KdRW25, KAPZ25, KAB+23b, KLPJ24, KPLH24, LK20, LDYP25, LBGD21, LYZ+24, MMdP+21, MMS+24, MPSS24, MEPJ21, NK23, Oku21, PTBFP+20, RWF22, RSC+23, SDD+20, SBR+25, SHF24, SWL+23, SBWB24, SL24, SML+20, TLL+23, VVH+20, VSK+20, VBH20, WLZ+23a, YPS+21, ZFC+23, ZPL+25]. **efficiencies** [PGP+22]. **efficiency** [BAM23, HLW+20, LPL22a, LCX+25, LNK+21, LW23, WWCT24, Yu20, vdMYvdW24]. **efficient** [RBLS23]. **effort** [SKAB25]. **efforts** [XHZH24]. **egg** [BGR20, LEC+23, ZP25]. **eggs** [DLY+22, LWE+22]. **EGO** [HPMB20]. **ELA** [DMdR24]. **Elasmobranch** [CEB+25]. **Elasticity** [Gia25, TK20a]. **electricity** [LGA+21]. **electrofishing** [RGD+22]. **elements** [MFZ23, PAPŁ+23, WLL+24]. **elephant** [HBC+22, MDP21, NMC+20, POWS24]. **elephants** [DDG+21, RHN+25, SFEE25]. **Elephas** [RHN+25]. **elevated** [TSZ+24, ZFT20]. **elevation** [LhNA+21, LhNA+22, PR22]. **Elliptical** [MLJ+23]. **Ellis** [MTL+23]. **elm** [BAPW20]. **Elucidating** [SIOM24]. **embayments** [KAZ+25]. **embedded** [KLH+24]. **Embedding** [GXZ+24, MS20]. **embodied** [XLM+23, ZLML20]. **Embracing** [FCP+20]. **emergence** [BR22, BR25, CMRF+24, LDS+23]. **emergent** [DAB+20, LYC+21]. **emerges** [WLWL23]. **emerging** [SBR+25, VSB22].

Emergy [CAS+24, DYW+22, ESCA22, EGAS23, LB21, AAM+22, AAC20, CMHZ23, ENARM+23, LdSG+25, LL21, LDZ21, LZL22, LYL+24b, LCG+25, MDGA25, SAdA+22, TLC+22, ZMK+22]. **Emergy-based** [ESCA22]. **emigration** [WGK+21]. **Emilia** [MEGA21]. **emission** [DFL+25, IA23, KMH+21, QYYA25, WF24, XLM+23, ZMF+20]. **emissions** [BGA22, BWT+24, CMHZ23, DGVVP23, GAMN+23, HWS+23, MTS+20, PG23, SMM+22, TQM+24, YLLL23, ZPZ+22, ZBH+22]. **Empirical** [BdSG+23, BM21, dMFOM+20, JGM25, JM22, KWP+23, LMNV20, LMD+25b, MAN+20, RBGB23, RBEH21, SZS+25, Ste20, WGAH22, WCM+25]. **Employing** [ATP20, Nug25]. **empower** [Bro25]. **empowerment** [NBMD21]. **emulators** [MMN+25]. **ENA** [HHB+24]. **enables** [VK24]. **encounters** [dKS22]. **encourages** [GLH24]. **encroachment** [MSS+25, PWG25]. **end** [BNN20, CGRR+24, CFG+22, WJ24, XD25]. **end-to-end** [BNN20, CGRR+24, CFG+22]. **endangered** [BLLL21, HMGK20, HBP+21, MCB+23]. **endemic** [HMGK20, WLZ+23a]. **endogenous** [ZRB+25]. **endosymbiont** [SRM+24]. **endurance** [CMAG+25]. **enemies** [LRA+20]. **energetic** [KLA+20, Lef23, SNN24, TMFV22, WLLW20]. **Energetics** [CDB+20, DGSM21, Koo20a, Koo24b, WWF+23, WWA+22]. **Energy** [DMPP24, DR25, DPC20, DS24, FCP+20, GLA+20, KGBL24, KKM+24, LJvdM24, LFN+20, MTP+20, PDG+20, RLH24, SNN24, VLGG+20, ZLML20, BPK+20, BSB+24, BGC+24, CZ21, CDB+20, CMAG+25, DLZ+20, DLZ+21, FMSR20, GWZ+25, HMGK20, HWS+23, JMHH22, KD20, Koo20b, LAK20, LZY25, LCX+25, LBS20, MKS21, MPMT23, Mat23, PDW+24, PKE+25, RPG20, RJY+20, RRCZ20, RGW+25, SLY+21, SL24, SML+20, VVH+20, YRK+20, vdMvDSL20]. **energy-based** [SLY+21]. **energy-budget** [JMHH22]. **Energy-Landscape** [MTP+20]. **Energy-systems** [DS24]. **engagement** [AP25]. **engineers** [BMBB24, SBS+20, SBS+21]. **English** [DHW+20]. **enhance** [ATP20, AA25, CLZ25, FCP+20, Oku21]. **Enhanced** [HMBH25, ESZ+23, FEP25a, HAZEF23, Kiv24, LL25, SJH+23, Woo24]. **enhancement** [BRNOJ25, YRK+20]. **enhancements** [CSCT23]. **Enhancing** [BZM+25, JLZ+25]. **enough** [LJRM+20, RMCCB24]. **enrichment** [OHR+23, SM22a]. **ensemble** [CWW+23, HBP+21, LLLZ21, LYFY25, NCB25, WAG25, ZFP21]. **ENSO** [GGMR20]. **entrainment** [HKH+20, LYZ+24]. **Entropy** [ZSS20, GCS+21, HMDO20, dRMJdS23, WT20, XJW21]. **envelope** [ML25]. **envelopes** [MYACC22]. **environ** [LLW+21]. **environment** [BSE21, BLAA25, BWS+20, FH24, HSF+20, HLB+20, JASW23, KN20, KWG+22b, MCB+23, OEC24, PAdS+24, PNGESS21, SBS+21, SBMF23, SMP20, SGRDA+24, YCZ+25, ZSS21, ZL24]. **Environmental** [LMNV20, MBB20, OWGRF25, OZSU22, Pas21, PPJN25, XLN+25, AZBdAI23, APGD+21, BCGR25, BLA+24, BGA+23, BSR21, BAM23, BARF20, BDA+20, CZ21, DMPLHGL20, FGC24, FAC22, HHB+24, HL23, HMLZ24, HWS+23, JRD+22, JASW23, KWC24, KCHZ21, LBSR25,

LBGD21, LCP+20, LBI+20, MDBvdBB24, MYACC22, MRR+20, MBFS21, MLP+20, NAM22, OMP+23, PG23, PDW23, PBO+25, PYD+21a, PYD+21b, PM22, SLYL+20, SM22a, SGV25a, SGV25b, TY25, Vas20, Vas23, WG21, WAHA+24, WBD+22a, YEL+21, ZBS+25, ZJEG24].
environmental-economic [HMLZ24]. **environmentally** [ENARM+23]. **environments** [BVM+21, BR22, BR25, EHS+20, FSY22, GMG+25, JDJV25, Koo24b, MMRBLN20, SG20, TIKM24, VVLS25, YXH20]. **Enzo** [Ano20-49]. **enzymatic** [BMB24b]. **ephemeral** [AGP20, BGR20, BSR21, CMRF+24]. **Ephemeroptera** [KFJS20]. **EPIC** [WYJ+22]. **epidemics** [BCMV20]. **Epidemiological** [MD23, GSC+23, VSB22]. **epidemiology** [MMMS23]. **epigaeic** [ZBW+24]. **epipelagic** [CGRR+24]. **epistemic** [Tra24]. **Epizootic** [MSLMM22, EBS23]. **equalization** [HCL+22]. **equation** [BPF24, CMG20, COPM23, DAQ20, KAB23a, LZY25, MZW+25, MB25b, NBU+23, RFHR23, RFHR24, SH25, UGSG24, Wu24]. **equations** [AZAD+23, FGM+24, Hu25, MAN+20, VMM+21]. **equilibrium** [CL24, SBMG24]. **equitable** [DL21]. **equity** [BCM25, ZOJ+23]. **equivalence** [HFP22]. **eradication** [HKB+20]. **Erhai** [QXZ+25]. **erosion** [AJG22a, AJG22b, ELM+25, GGMR20, LSS+21, YG21, ZLZ+24]. **Erratum** [Ano25n]. **Error** [KWG+23, Haa24, JTH24, SENJ+25]. **errors** [OHH+21]. **eruptive** [Fer23]. **establishment** [AV22, FM24, JHKT+23, KKH+24, NND+22, SG20]. **Estate** [NCB25]. **esters** [WLQ+23]. **estimate** [ACFM22, GAMN+23, HCL+24, HLS+23, KAMS22, LHF+25, MCMP+24, PSM22, RFdL+24, SS25, SLB+23, TTPA21]. **estimated** [LCMB21, WZT+25]. **estimates** [ALK20, BHC22, CLW+24, DBV+22]. **Estimating** [BPK+20, GAM20, HLGF24, JS22, JMM+20, KD20, LB21, LZY25, MLL20, MBP+25, SZL+21, WHE+24a, WHE+24b, ZPZ+22, ASB25, BBIP24, FKLH25, GLK+22, LAK+23, LAK20, LSK24, RMA+24, SWF21, SDP23, WYBX23, WGH+25]. **Estimation** [AJ22, II24, CCH20, DHY+25, EJ20, FCT+25, GZD+23, HI22, HMBH25, HCX+21, KLS20, KWP+23, LF25, MTT22, OMC+24, PKE+25, RFPRC23, RZY+25, RNF25, RRL+25, SWHZ22, TIKM24, WCM+25, WDP24, XWZ+22, Yu20]. **estimations** [YSIB24]. **estimators** [LK24b]. **estuaries** [FTH24, MLP+20, PKW+25, SJH+23]. **estuarine** [AM22, CMFC23]. **estuary** [Che21, HMC20, KDH+21, MKEH20, MBB20, DZC+23a, DZC+23b]. **ESV** [ZZQ23]. **ESV-FLUS** [ZZQ23]. **Ethiopia** [TGRM23]. **eucalypt** [BdSG+23]. **Eucalyptus** [EHS+20]. **Euclidean** [RP22]. **europaea** [PAPŁ+23]. **Europe** [ASL+20, EVT+21, HKG+24, HK23, Pre22, SBR20]. **European** [CH22, DHW+20, DNM+24, KMS+25, LG20, MKR20, RBVL+20, SLB+20a, SQS+25, SCF+24, SKW23, WBW+20, WBD+22a, WLV+25]. **eusocial** [WOOS24]. **eutrophic** [BS21, ELS23, ZWZ+20]. **eutrophication** [BNAR+21, CDJ+22, DBK20, DK22, NBML21, SRK+20]. **eutrophication-based** [DK22]. **evaluate** [BGA+23, GLA+20, Haa24, KDH+21, KLPJ24, MAD+20, MPA+24, OEC24,

PBO+25, RHN+25, TDI+20, WHdBB21]. **evaluates** [MGC24]. **Evaluating** [CAK+24, ERP21, GWH20, GSJ+20, HBRK24, HFSL+24, IBB+21, IBB+22, LdSG+25, LDZ21, LCG+25, NGA+24, SBR+25, SZS+25, SZL+20, WLZ+23a, XCZ+20, ZTD+25, DL21, DWH+21, LZY25, MDB+20, MS23, NO23, RCCBMCJ25]. **Evaluation** [AAC20, CSZY+20, FM24, NWO21, WHW+23, STW+23, BSPT23b, BLL+23, BLAA25, CLY+23, HYY+24, Ino22, LPS+21, LZL22, LCW25, MAN+20, MP23, PAB+22, SLY+21, SPPC21, SBFBDM24, SDP23, TK20b, WSZ+24, YZF20, YCZ+25, RPARM20]. **Evaluations** [LEC+23]. **evaporation** [HKY24]. **evapotranspiration** [WLZ+23b, ZFC+23]. **event** [GRGHM21]. **events** [FS22, ML25, RFCEL22, RFPRC23, SLC+23, STK+25, SSB22, TTPA21, WW24]. **Everglades** [RGD20, ZRMW+20]. **evergreen** [CLW+24]. **Evidence** [LW23, PK23, SGH+23, COJ23, CDC+22, MMRBLN20, Tra24, ZA20, BAM23]. **Evolution** [Gon23, LZSQ20, DL25, Gat21, JOE23, JDJV25, LPSF24, LZF+24, LM21, LYL+24b, MHSZ25, OCWL25, QZ25, SMMT25, WXH+22, YDQ+23, YD20, GCMU23]. **Evolutionary** [GHK23, Abe25, Abe20, AARS23, BDC+22, CP20, CN20, GRCSA+20, LQH24, LBS20, MF20, MOS21, MJdORPG23, PDW23]. **Exaiptasia** [KRMP23]. **examine** [BWT+24]. **Examining** [CLG20]. **example** [CDNN+20, LPSF24, WWZ+25, WA20]. **examples** [MB25b]. **exchange** [ASHK22, BLB+20, HLS+23, SWW+25, RSB+23]. **exchanges** [SMP20, ZZL+25]. **exciting** [GSH+22]. **exclusion** [MYH+20]. **Exergy** [VPAV22, NGA+24]. **exhibit** [HSL+22, PWN+24, RBGB23]. **existence** [dAdSCA20]. **existing** [JS22, KD20, Kos22]. **expansion** [GCB+22, LK20, MKEH20]. **expansive** [LYL+24a]. **expectations** [BMS+20]. **expected** [PTD+23]. **expenditure** [CMAG+25]. **experienced** [SBMF23]. **experiencing** [RCCLMGV22]. **experiment** [ABC+22, BLB+24a, BLB+25, PNGESS21]. **experimental** [MPL+20, NS20, DMdR24]. **experiments** [FH24, FZS+20, JLV+21, PSM+21, Tra24, Tur20, VN23]. **expert** [WBD+22b]. **explain** [OWGRF25, UM25]. **explainable** [Woo24]. **explained** [vdMYvdW24]. **Explaining** [CKK+24a]. **explains** [SGV+24, XJW21]. **explanation** [MSG23]. **Explicit** [Hun25, ASTR+25, AE22, BSU+23, CAB+21, DDG+21, GCB+22, GRCSA+20, KS22, KWG+23, LQH24, MAW+24a, MAW+24b, PWG25, SLHB+23, SJA+22, SOV21, SKAB25, TPD+24, VC25, VM25, WBW+20, WBD+22a]. **explicitly** [SBS+21]. **Exploitation** [CDT+23, TCB21]. **exploited** [CMGD+22]. **exploration** [GBC+25a, KAB+23b, LKB+25, WLSJ24, YYS+22]. **Exploratory** [BTC+22]. **Explore** [PPJN25, BGS+20, MSLMM22]. **Exploring** [AAAR23, AAAR24, BNN20, CKK+24b, DR25, FPR+25, GSSC25, JJJ+25, KMH+21, KLL+24, LJvdM24, LPL22a, LZL23, SBM+22, SHF24, VPK25, WZLC24, dMT23, BRBT22, DMGP20, GRS+20, NGA+20]. **exponential** [Ano25n, Coo95]. **export** [LLC24b, NO24]. **exports** [YG21]. **exposed**

[JST+22, WBD+22b]. **exposure** [DEMJ24, DWH+21, JSD+22, MMS+24, WSZ+24, ZOJ+23]. **extended** [JSL+20, Laz23, NGA+24, WMA21]. **Extending** [MDB24b, SDSP+21, KMP+23]. **extension** [BP21, CWZ+25, HHR+25]. **extensions** [MKS21]. **extensive** [BNN20]. **extensively** [HH23]. **extent** [AFdSM23, BLG+25, GHK23]. **extents** [FDH+25]. **extinction** [CZZW25, Dav22, GWZ+25, NH25, TCB21, Uch23]. **extinctions** [GRCSA+20]. **extrapolation** [RRFLV+22]. **Extreme** [CMAG+25, WW24, Dav22, ML25, SLC+23, SCH+21, ZOJ+23]. **extremes** [BLG+25, LSH24].

F [Ano25n]. **face** [RSEK25]. **facilitate** [DSP+25]. **facilitates** [CKC20]. **Facilitation** [Pre22]. **facilities** [WbM+24]. **facing** [BLB+24a, BLB+25]. **factor** [MOG+25, ST24]. **factored** [PSG21]. **Factors** [BLB+20, SOP22, BCGR25, BLA+24, CDN+23, CKK+24b, DCCL24, DPC20, FM24, HYY+24, HCL+22, LHJ+24, LW23, MHSZ25, MAW+24a, MAW+24b, QYYA25, Vas20, YG21, YYS+22, ZSS21, ZLZ+25, ZYM+21]. **facts** [MZLRSZ21]. **facultative** [PGdAM+20]. **Fagus** [LhNA+21, LhNA+22, SKW23]. **fails** [AE22]. **failure** [SAdA+22]. **fall** [BCPV25]. **fall-spawning** [BCPV25]. **family** [SBFBDM24]. **Farm** [WrJP+22, TLC+22]. **farmer** [ASKR24, BAM23, LE23, MGdM+20]. **farming** [BGA+23, ENARM+23, HSP+22, MDB+20, MBP+25, PBO+25, WAHA+24]. **farmland** [LE23, LCX+25, OEC24, WWCT24, YLLL23]. **farms** [LS25, LBN+22, MM21]. **fast** [AKM22, LM21, LCM24, SdlP20]. **fastidiosa** [BCMV20, GSC+23]. **fasting** [CMAG+25]. **fate** [BSPT23a, BSPT23b, MLV24, PKW+25, SSJC23]. **fates** [WLQ+23]. **Fath** [Des21]. **fauna** [MFK+25, Yao21]. **favorable** [KDC+21]. **favourability** [MDT+23]. **favourability-based** [MDT+23]. **fear** [SPM25]. **Feasibility** [AS22]. **feature** [LSG21]. **Features** [CLG20, KBC24, SDD+20]. **February** [Ano20d, Ano20p, Ano21d, Ano21p, Ano22p, Ano23p, Ano24p, Ano25o]. **fed** [Che21]. **feed** [dMFOM+20, vOVvdW23]. **feedback** [BPN+20, CMKF22, MLMI23, RGRMRR20, TK20b, ZWZ+20]. **feedback-driven** [TK20b]. **feedbacks** [TK20b]. **feeding** [CMKF22, HSF+20, JMHH22, SPB+24]. **feet** [KBC24]. **felids** [RSC+24]. **female** [WBD+22b]. **femel** [BEH+25a, BEH+25b]. **fence** [WJ24]. **fence-end** [WJ24]. **fence-following** [WJ24]. **fencing** [WJ24]. **Fenghuangshan** [ZZZD22]. **Fenneropenaeus** [YRK+20]. **ferrugineus** [AJJ24]. **fertility** [CAB+21, VPAV22]. **Fertilization** [DGVVP23]. **fertilizer** [JLV+21, LYM+23]. **fever** [ABZ22, DBD+25, MSLMM22, MSLM+24, MD23]. **few** [AXMJ22, MB25a]. **few-species** [MB25a]. **fidelity** [BR22, BR25]. **Field** [CFL+22, LSY+25, SOV21, BGA22, FH24, GZD+23, HGBK23, LAC+24, MBP+25, MGC24, NGE+21, PSM22, PDD+22, SGH+23, SRM+24]. **field-based** [PDD+22]. **Field-scale** [LSY+25]. **fields**

[BMAME+23, GSR+23]. **fieldwork** [DIS23]. **filamentous** [KBAC20]. **filter** [CWW+23]. **filtering** [EMH+22, VMH+21]. **filtration** [GNH+24]. **Fine** [BLG+25, Fou21, BCGR25, JSD+22, KTB+23, YSIB24]. **Fine-scale** [BLG+25, BCGR25, JSD+22]. **Fine-tuning** [Fou21]. **finer** [KKF+23]. **Finland** [MRM25]. **finless** [DZC+23a, DZC+23b, HSF+20]. **finmarchicus** [BVM+21]. **Finnish** [KRM+22]. **fir** [ASB25, BLB+20, NLW+24, SKW23]. **fire** [ABRG21, AAAR23, AAAR24, BKTM20, dTCGF+24, ERP21, HH23, JLH+21, JB22, JMD+25, LMW+23b, MMdP+21, OHP+23, SLHB+23, ZLV25]. **fire-land** [JLH+21]. **fire-prone** [ABRG21]. **fires** [dRMJdS23, NA22]. **first** [BPN+20, STK+25]. **first-** [STK+25]. **Fish** [AWW24, AC25, BPK+20, BGCJ21, BSR21, CSBS21, CFG+22, DLY+22, FTH24, HML+22, HWSD24, HWSD25, HLXZ25, JMHH22, KTB+23, KAZ+25, LBSR25, LDC+20, LBN+22, LCP+20, LBI+20, LZD+24, LYZ+24, LSK24, LGA+21, LUT+24, MA25, MFF+24, NT23, NPK+23, NPS+23, PBH22, RUTY23, RGB22, SLB+20a, SRTS20, SZKLL24, TGS+25, VRRI+24, WLZ+23a, WLY+23, WbM+24, WDP24, WGH+25, YYL+25, dKS22, PDD+22]. **Fisher** [RBMRR20]. **fisheries** [BWS+20, CDT+23, GSJ+20, Lov24, PHK23, WBW+20, XHZH24]. **fisheries-targeted** [GSJ+20]. **fishery** [AKM22, BNAR+21, CMGD+22, DMGP20, LMD+25b, LGL+24, MZLRSZ21, Nug25, RSC+23, SM22a]. **fishes** [BSP+25, HMDO20, LLB+23, SGLK20, WLSJ24]. **fishing** [BAAN24, KiAM+20, KKH+24, RWF22, WZ25, XHZH24]. **fishpond** [SGV25a, SGV25b]. **fishpond-reed** [SGV25a, SGV25b]. **fit** [MRM25, PAS+22]. **fitting** [SKAB25]. **five** [IBB+21, IBB+22, LPRB+25, ZMF+20]. **fixation** [CL24]. **fixed** [GSRB22, HLS+23, JPL21, MLV24]. **fixing** [GSRB22]. **fjordic** [GMM+24]. **fjords** [AM22]. **flammability** [VMG+24]. **flammulated** [CWH+21]. **flash** [SZC+25]. **flexibility** [AKY+22]. **Flexible** [JLL+24, JMC+22, MBP+25]. **flight** [KWG+22a, SGV+24]. **flights** [STQ+22]. **Flipbook** [HHB+24]. **Flipbook-ENA** [HHB+24]. **floating** [HLS+23]. **Floodplain** [BEH+25a, BEH+25b, LUT+24, TSUY23]. **flora** [MFK+25]. **floral** [WOOS24]. **Florida** [PTG+20, ZRMW+20, CB20, CRZ+23, SPB+24]. **flow** [ARSC22, HLM+20, JB22, LZD+24, NPK+23, OSH+21, SBWB24, WDW+22]. **flowering** [KKW+21]. **flows** [FMSR20, HKH+20, MFZ23, RLS+24, ZZWF21, ZLML20, dPGDdFS24]. **fluctuating** [BSE21]. **Fluctuation** [SGH+23]. **Fluctuations** [RNF25, FCFCM24, GZ23]. **Fluid** [GCSlR22]. **flume** [LEC+23]. **fluorescence** [SPPC21, SOZ+25, YYS+22]. **FLUS** [ZZQ23]. **flushing** [KRvW+25]. **flux** [ASHK22, CSB22, SPPC21, ZWZ+20]. **fluxes** [ACFM22, BGC+24, CLW+24, GXZ+24, HKSM23, SNP+23]. **fly** [DBN+22, MPT+25, YKZ+23]. **focal** [For20]. **focused** [Laz23]. **fodder** [BLAA25]. **folivore** [STRC24]. **follow** [KK20]. **following** [LVM+22, WJ24, cNKF24]. **Food** [GHbS21, SRK+20, BAAN24, BSB+24, BNN20, CGRR+24, DvDA24, DS24,

FPR+25, HML+22, JL23, KRMP23, KMH+21, KKH+24, KDC+21, LPL22a, LLB+23, cLJ25, LPA+21, MAD+20, MJ24, MPPM23, MGdM+20, MEPJ21, MJS24, MS25, NHGP23, NK23, OKS+21, SPM25, SPW+25, VVH+20, VPK25, WLLW20, WA20, WSN+21, YZZF22, ZBW+24, vdHNH+20]. **footed** [JZJ+20]. **footprint** [EGAS23, LYL+24b, LCG+25, RPARM20, SML+20, TWL+22, TBZ+22, TMM25, ZMK+22]. **forage** [MPA+24, PAdS+24, TMM25]. **foragers** [CNNS+21, FH24, GLH24]. **Foraging** [LDYP25, BSR+23, CDNN+20, GMA+25, JOE23, KN20, RBEH21, YDLT24]. **forcing** [CBG+22]. **Forebay** [LYZ+24]. **forecast** [HEL+21, WCSX22]. **Forecasting** [BPW+21, CGRGBGM25, HWS+23, KiAM+20, LDJ25, QYYA25, AAAR23, AAAR24, BSP+25, CZ21, DNM+24, HAZEF23, NLMM23, Pie23, ZFP21]. **forecasts** [NLMM23, WF24]. **foreign** [SML+20]. **Forest** [BAR20, CKC+25, ETAAH21, JMD+25, Mea20, MRM25, MZX25, MTZA23, RBEC21, STK+25, ABH+20, ACC+24, ACD+24, AHO+20, BSS+24, BAPW20, BPF24, BdSG+23, BLL+23, BEH+25a, BEH+25b, BLvG+25, BGC+24, CM21, CWW+23, CLW+24, CGRGBGM25, DBV+22, DAC+25, DS24, EBH+25, FFM+23, FEPR24, FG21, FSZ+20, FZS+20, FHP+22, GMS+23, GHK23, GSMD24, HKY24, HBRK24, IBB+21, IBB+22, JB22, KLL+24, Kiv24, KMS+25, KWP+23, LDR+20, LOZT25, LhNA+21, LhNA+22, MZW+25, ME25, ML20, MSLMM22, MSLM+24, MLV24, MKB+24, NMS24, NAR+25, NA22, PPH+21, PZH+21, PNGESS21, PSW22, PCL24, Pre22, PGSL+20, RTB+24, RFJ+22, RZY+25, RFF+23, RSEK25, SE20a, SE20b, SAL+22, SWW+25, SQS+25, SCF+24, SMD+20, SLLW21, SPPC21, SZS+25, SNP+23, SdMF+25, TDI+20, VK24, VBB+24, VMG+24, WZHP21, WYBX23, WLV+25, WLT+23, YA24, ZBS+25]. **forest** [ZLV25, ZCJ+20, ZLL+23, ZZL+25, ZCW+25, BEH+25a, BEH+25b, CKC+24, VSK+20]. **forest-atmosphere** [ZZL+25]. **forested** [BPL+20, HH23]. **forestry** [BHH+25, SQS+25]. **Forests** [HHI+22, AMP+23, BSS+24, BL25, CAK+23, HBLC+25, HHFB23, HMBH25, HHBF24, HLH+21, IBB+21, JHKT+23, KMS+25, LBL+24, LPS+21, LMW+23b, MLL20, MZW+25, MAGR+22, MHP+23, MSG+21b, MKB+24, PKO+21, dOPdMdS+21, RRP+23, RLdM20, RBVL+20, SLHB+23, SKPL24, SFGB23, SKW23, SBR+25, SGB+24b, WLL+25, XJW21, YSIB24, ZRMW+20]. **ForestScope** [NAR+25]. **form** [MAN+20, WB24]. **formation** [FMRMAS24, Kag25, KFM+23, SLC+20, dKS22]. **former** [LGK+23]. **forming** [CR24]. **forms** [LZSQ20, WGAH22]. **formulae** [KKM+24]. **formulation** [BRAL23, FSZ+20]. **formulations** [JLL+24]. **Fort** [Pas21]. **Foster** [ZBl25]. **fouling** [PF23]. **foundation** [KAT+22]. **four** [AAC20, MKR20, PDW23, SINS22]. **four-party** [PDW23]. **foxes** [TLL+23]. **fractional** [BHH+25]. **fractions** [LLC24b]. **fragmentation** [JRD+22, cNKF24]. **fragmented** [BWCD23, CJM+23, HWSD24, HWSD25, LSA+21, LOZT25, RMV+24].

fragments [LTR+24, MSLMM22]. **framework** [AMK21, AZALP+24, ADSvdZS25, AAR23, BSU+23, BGK+20, BAR24, CMSD+22, CLZ25, CIL+20, CDC+22, DBDR22, DBH+22, For25, GKW+25, II24, JLH+21, JM22, KDH+21, LDC+20, LMNV20, LJRM+20, LLLZ21, MTW+22, Mau24, MHP+23, PAS23, PBO+25, PDGB21, PKKT+24, PKW+25, RRB+25, RAC+24, SGPSzC22, SGA22, TLC+22, TWL+22, TDI+20, ZWZ+24, ZLL+23, dSGAA25]. **frameworks** [Mur24]. **Framing** [SC24b]. **France** [BPL+20]. **franksi** [LVM+22]. **free** [DGSM21, Men22, TBM+24]. **free-ranging** [DGSM21, TBM+24]. **freezing** [LCW+21]. **freezing-thawing** [LCW+21]. **French** [GMA+25, RMV+24]. **frequency** [MMdP+21, PCL24]. **frequently** [KLNMG22]. **fresh** [GGE+23]. **freshwater** [KWM+24, LDC+20, MA25, SC24a, SRTS20, TCS21, Tsy22, WSZ+24]. **friendly** [ENARM+23]. **front** [ASL+20]. **frozen** [LMW+23b]. **frugiperda** [BSU+23, dAWG23]. **frugivore** [ZBS+25]. **fruit** [DBN+22, LBT+22]. **fuel** [VMG+24]. **fugacity** [WLQ+23]. **Fujian** [WWZ+25]. **full** [SLYL+20]. **FullCAM** [FEPR24, FEP+25b]. **Fully** [JVGC21, PPSS22]. **FunBies** [PBF+23]. **function** [DMG22, PSW22, SZPW23, YXY+20, YJC+24]. **Functional** [OEC24, BMBB24, BBSHC22, CLW+24, DLT+22, HES+20, HES+23, JHKT+23, KAB+23b, Lev25, MAN+20, NHGP23, PBF+23, Pér24, PNGESS21, RP22, RFF+23, SOP22, SHT21, SQDM21, VMMEM25, VDK+24, WCM+25, YYL+25, dAdSCA20]. **functioning** [MPC+22, MBG+22, RLS+24]. **functions** [ALK20, CNSK21, LAK20, PCN+23, VPV21]. **fundamental** [EL21, JS22]. **Fundão** [SAdA+22]. **Fungal** [CGC+25, MGHT20]. **further** [MGF25]. **Fusarium** [GGS+22]. **fusion** [SWP+23]. **future** [AHK+25, BPW+21, CZ21, CLW23, CLG20, ELS23, ELM+25, FHP+22, FS22, GHK23, HSD+21, KNP+21, LhNA+21, LhNA+22, MBD+22, PR22, Pow25, QXZ+25, RTSD+25, RMGNA25, SGB+24b, ZPZ+22, ZXK+24, vSS24]. **futures** [KMH+21]. **Fuzzy** [DSHB23, KLH+24, KLL+24, ZWL+21]. **FVCOM** [PKW+25]. **FVCOM-ICM** [PKW+25]. **FVCOM-ICM/Toxi** [PKW+25].

Gadus [JOE23]. **Gaia** [Gat20]. **gain** [BPK+20]. **gained** [ECD+24]. **Galatheidae** [BAAN24]. **Game** [MB22, DS23, GHbS21, LBN+22, PDW23, STJ25]. **game-theoretic** [STJ25]. **games** [AARS23]. **Gammaridae** [DZBB24]. **Ganges** [RBLS23]. **Gansu** [MZX25, XHS+24]. **gap** [DTR+22, RP22]. **Gaps** [AVRC+20, ŁKPK22]. **garden** [SSJC23]. **gardens** [RPARM20]. **Gas** [dKS22, BST+20, BWT+24, CFL+22, CPAT20, HCP+20, KMH+21, MTS+20, TQM+24]. **GCM** [TKO+22, ZFT20]. **GCM-related** [TKO+22]. **geese** [JZJ+20]. **gene** [FLG+23]. **general** [PSG21, RRSG21, RRB+25, DLT+22]. **generalisation** [BLvG+25]. **generalist** [CKK+25]. **generalizable** [RBEH21]. **Generalized** [SE21, CIL+20, FZRG25, JLL+24, KWC24, SE22, WSL+22]. **generated**

[TK20a, ZBS+25]. **Generating** [BMG24]. **Generation** [EHS+20, LGA+21, MKS21]. **generational** [BCPV25]. **generic** [CdCAC+20, DWG22]. **generically** [CDJ+22]. **genetic** [ACM24, NCB25, SG20]. **genetically** [NS20]. **genotype** [MOD+25]. **Geo** [DIS23]. **Geo-spatial** [DIS23]. **geochemical** [ACFM22, MTT22]. **Geographic** [LB21, HMDO20, RJY+20, SM22b]. **geographically** [BBIP24, CKC+24, CKC+25]. **geography** [MYACC22, USA21]. **geolocation** [NT23]. **Georgia** [MPPM23]. **geospatial** [KKF+23]. **geostatistical** [BMB24a]. **Gerais** [MRR+20, dPGDdFS24]. **German** [HHBF24]. **germanica** [CH22]. **Germany** [AHK+25]. **germinans** [LK20]. **GHG** [HWS+23, KMH+21]. **giant** [DRZ+24, XFK21, HYY+24]. **giants** [CMAG+25]. **GIS** [BLAA25, CEB+24, DTR+22, DIS23, ILLM20, KFM+23, Lov24, SD24, USA21]. **GIS-based** [BLAA25, CEB+24, KFM+23, Lov24]. **given** [SE20a, SE20b]. **gizzard** [PSBE23]. **glaucescens** [KBC24]. **Glaucous** [KBC24]. **Glaucous-winged** [KBC24]. **GLCM** [DLT+22]. **glider** [ACZ+21]. **GLM** [CKC+25, CKC+24]. **Global** [GRGV25, HRW+24, LB21, MBFS21, CBW22, COPM23, CYP+20, Cor20, CEB+25, CKC+24, CKC+25, GBC+25a, HES+20, HES+23, KMH+21, LC20, LhNA+21, LhNA+22, LMW+23a, MLP+20, MPL+20, OHH+21, PG23, PSG+22, SQDM21, SMP20, TRMB20, XLM+23, dSGAA25]. **global-scale** [CYP+20, Cor20]. **globally** [PKE+25]. **globe** [HHFB23]. **globosa** [LCMB21]. **goal** [NMV+23]. **goals** [GMS+25, GCMU23, NAM22, HL23]. **Goharkuh** [MDGA25]. **going** [ARSC22, CNMS25]. **golden** [BDP+23]. **Gompertz** [CMG20]. **Good** [LS24, WGFS24, BRNOJ25, BCMV20, LJRM+20, MWB+24, SCC+25]. **Gorges** [XWX+24]. **governance** [PDW23, STJ25]. **GPLake** [CDJ+22]. **GPLake-S** [CDJ+22]. **GPP** [FCL+25, FCT+25, SPPC21, YYS+22]. **Grabarnik** [Mea20]. **gradient** [ALS+21, EBH+25, FCL+25, Lev25, NSS+23, SGB+24a, SGTS21, SGTS23, SGCFB22]. **gradients** [BMS+20, LBGD21, OMP+23, RLS+24]. **grafted** [WB24]. **grain** [COJ23, KFM+23]. **granularity** [OSH+21]. **grape** [EGAS23, KH25, LSH24]. **grass** [BC25, HGBK23, PAdS+24]. **grassed** [SCG+24]. **grasshopper** [LBGD21]. **Grasshoppers** [HSL+22]. **grassland** [DHY+25, HCL+24, HCP+20, LWL24, MTW+22, MPA+24, WHW+23, SOP22, WTT+21, Yu20, ZFT20]. **grasslands** [AG22, ACFM22, BAZ22, CSM23, dTCGF+24, DP20, DWZ+25, HHT21, MPCG21, PSM+21, SHT21, ZPL+25]. **grazer** [KWG+22b]. **Grazing** [ZPL+25, CSM23, JZS+21, MNMN25, SCG+24, ZGG22]. **Grazing-mediated** [ZPL+25]. **Great** [KWM+24, ZFT20, AJ22, ABR24, BWS+20, BACJ25, KAT+22]. **greater** [OHP+23, ERP21]. **Greece** [LPD+20]. **green** [DL25, GZW+20, MKR20, RRCZ20, SBF+21, SSB22, SMV+20, SRB+20, Pal24]. **green-lipped** [RRCZ20]. **greenhouse** [AA25, AAC20, BST+20, BWT+24, FEP25a, HCP+20, Kag25, KMH+21, MTS+20, TQM+24, TCG+20, XS25, ZBH+22].

greening [Pow25, WLZ+23b]. **greenspace** [CLY+23]. **grey** [CAB+21, HKG+24]. **grizzly** [GCS+21]. **grooved** [LJvdM24]. **gross** [GLK+22, GZD+23, HCX+21, KWP+23, RZY+25, SZC+25, ZZLF24]. **Ground** [ABC+22, EOÖ21, FSZ+20, FZS+20]. **ground-level** [EOÖ21]. **Ground-truthing** [ABC+22]. **grounds** [KiAM+20]. **Groundwater** [MSS24, Che21, EBH+25, ZSS20, BPN+20]. **groundwater-dependent** [ZSS20]. **group** [AIA+23, GAC+21]. **groups** [BLP20, NHGP23, RBGB23, vWVH20]. **grouse** [OHP+23]. **Growing** [BP25]. **grows** [MFK+25]. **Growth** [KDC+21, dSMPA+22, dOPdMdS+21, VLGG+20, WXT+20, AZMD+22, AZAD+23, AXMJ22, AG22, AWW24, BC25, BCPV25, CZ21, CMG20, CAK+23, CMS+21, DHW+20, DMPP24, DMG22, DPC20, dMFOM+20, Gia25, HMVR21, HGBK23, HFP22, Jia21, JASW23, KLS20, KAB23a, KABL21, KGBL24, KLA+20, KBAC20, LMB+25, LK24a, LM21, LZF21, LCMB21, MPSS24, MGHT20, MOG+25, MJ24, MRM25, MB25b, MFF+24, MLP+20, PCN+23, PKO+21, Pre22, RGB22, SE20a, SE20b, SH25, SVK20, SGH+23, mSzZK+21, SdMF+25, SMV+20, SRB+20, SLC+20, TMFV22, TKO+22, UBTB25, UM25, WYJ+22, WDP24, YA24, YSFX23, YXF25, ZWZ+24, ZJX+25, ZYK22, ZS20]. **growth-maintenance** [AG22]. **GRU** [XHZ25]. **Guangxi** [ZHJQ23]. **guarantee** [CKC20]. **guaranteed** [AZBdAI23]. **GUESS** [ERP21]. **guianensis** [dOPdMdS+21]. **guidance** [Gri20, Hu25]. **guide** [BWCD23, DWG22, MB25b, Tur20]. **guided** [HSJ+20]. **guideline** [SACEU+21]. **guides** [MWB+24]. **guiding** [PM22]. **guild** [CKC20]. **guilds** [LLZM20]. **Gulf** [ASTR+25, BHC22, CGRR+24, MZLRSZ21, RWF22, WSFZ21, ZHJQ23]. **Gull** [KBC24, vdMvDSL20]. **gut** [LSL21]. **GWR** [ZSS21].

H [HKSM23]. **Habitat** [DN24, HSF+20, HK23, KWM+24, KLNMG22, YHC+21, AC25, BOLC+22, BHC22, BLLL21, BBSHC22, BG22, CWH+21, CLW23, CKK+24a, CKK+24b, CKK+24c, DL21, DSP+25, DSHB23, GVG+23, GWZ+25, HYY+24, HHR+25, HWJ+25, ILLM20, JLH+21, JHKT+23, JRD+22, KLL+24, KLR+24, LF25, LZF+24, LZD+24, LGC+25, LGA+21, LUT+24, MA25, MS23, NCG+24, OEC24, OHP+23, PWN+24, PTNR+20, RHN+25, SvV21, SWW+23, SKH+20, TGS+25, WLZ+23a, WWF+23, WKL+21, WBS+24, WWCT24, YYL+25, Yao21, YXY+20, ZWL+21, cNKF24]. **habitats** [Che21, CMRF+24, DTD+23, GRCSA+20, KE24, YDQ+23]. **Hainan** [LCG+25]. **Haliaeetus** [RM20]. **Haliotis** [DLZ+21]. **Hamiltonian** [MB25b]. **Handling** [ŁKPK22]. **Hanjiang** [XZZ+22]. **hannai** [DLZ+21]. **harbour** [WSL+22]. **hardcover** [Mea20]. **hardwood** [JLH+21, MLL20]. **hare** [LG20]. **Harmful** [KSJ22, CR24, CMKF22, CLH23, OLM+24, PTG+20, RFPRC23, SIOM24]. **harmonized** [GRGV25]. **Harnessing** [AO25]. **harvest** [dSCdA21, DAG+21, DDL+20, SQS+25, SLLW21]. **harvested** [MLV24].

harvesting
[BSE21, KLPJ24, LOZT25, NK23, PBH22, PHK23, SvV21, SM22a, WLL+25].
harvesting-induced [NK23]. **Hastings** [MB25b]. **hatching** [LAK+23].
hatchling [LHDBN20]. **hazard** [AAAR23, AAAR24, GMV24]. **healing**
[LHL22]. **health** [CZY+25, PF23]. **heat** [KH25, KFM+23, SCH+21, ZOJ+23].
heatwave [SMV+20]. **heatwaves** [AC25, BSP+25, MKR20]. **heavy**
[LLW+21, WSZ+24]. **Hebei** [LZF21, LW23, ZLML20]. **Hediste** [GLA+20].
Height [SE20a, SE20b, HBRK24, HLS+23, HFP22, dAPdBMT23]. **heights**
[IA23]. **Heihe** [XHS+24]. **help** [VC25]. **helper** [GAC+21].
hemimetabolous [SKH+20]. **Hemiptera** [PTBFP+20]. **Henriot** [TCG+20].
herbaceous [MLJ+23]. **herbicide** [XGT+24]. **herbivore**
[Hop23, WSN+21, YL22]. **herbivores** [GJC+20, RMK21]. **herbivorous**
[PGdAM+20, SZKLL24]. **herbivory** [WGBW25]. **herds** [HWJ+25].
HermaDEB [LBS20]. **hermaphrodites** [LBS20]. **hermaphroditism**
[MT23]. **hermaphroditism-dioecy** [MT23]. **herring** [BCPV25].
heterocyst [GSRB22]. **Heterogeneity**
[GLH24, DPA21, LGFT+20, LP22, ZLV25, vDC20]. **heterogeneous**
[BR22, BR25, PEFW20, PMP+21, SG20, WOOS24]. **Heterosigma**
[SIOM24]. **Hexi** [LZF+24]. **Hidden** [RWZ+24]. **hierarchical**
[BRSW24, KWC24, PDGB21, RRL+25, SWF21, SKW23, WGFS24, WSL+22,
WBD+22b]. **High** [BRC+21, DNM+24, LBGD21, YHC+21, AMP+23, AE22,
ACZ+21, BGA+23, CJM+23, nCLpW+23, CDB+20, GNH+24, Pow25,
RSB+23, RPB+23, YXH20, vdHNH+20]. **high-boreal** [RPB+23].
High-precision [YHC+21]. **high-quality** [nCLpW+23]. **High-resolution**
[DNM+24, LBGD21, AMP+23, RSB+23]. **Higher**
[CLHZ22, RFF+23, CKC20, GJC+20, LDS+23, MT23]. **Higher-order**
[CLHZ22]. **Highly** [DMGP20, CKK+25, FSY22, LKB+25, WGMR23].
highly-biodiverse [WGMR23]. **hilly** [ZBW+24]. **Himalayan** [BS20].
Himalayas [BWSS21]. **Hirst** [AFdSM23]. **hirundinacea** [ARSC22].
Historical [ZPZ+22, AG22, ZTD+25]. **histories** [RPG20]. **history**
[BMB21, CTL22, CP20, DR25, JOE23, KD20, NK23, OWGRF25, RHP+24,
SLYL+20, vDC20]. **history-dependent** [CTL22]. **hitchhiker** [DWG22].
hive [LBT+22]. **Hoeksche** [PRdN+20]. **holes** [BMB24a]. **holey** [TTPA21].
holistic [PRP+25]. **Holling** [VMMEM25]. **Hollow** [NHB+25]. **Homarus**
[BHC22]. **homeostasis** [AKY+22]. **Honey** [LBT+22]. **honeybee**
[MMC+21]. **Hopf** [NDNN22]. **host**
[BL25, BRAL23, CLPZ20, GMV24, JC25, MSLMM22, MM21, NWJ+22,
Oku21, PTBFP+20, RWS+21, SE21, VSB22, ZMG+21, dGMCM+23]. **hosts**
[Oku21]. **hot** [LLZM20, MZLRSZ21]. **Hotan** [CWY+24]. **hotspot**
[BRC+21, EBH+25, ZZWF21]. **hotspots** [CXZ+23]. **hourly** [BH20].
household [GM23]. **housing** [CLY+23, JASW23]. **hoverflies** [AHSH+25].
Howard [Abe25, Bro25]. **HSPF** [LKP+20]. **Huangguashan** [JLLS23].
Hugo [Pas21]. **HuHoLa** [NHB+25]. **human** [CBW22, CXZ+23, DYMD22,
FMSR20, GMS+23, GRCSA+20, HL23, KAPZ25, KCS22, MDP21, MPMT23,

PMB+22, RGRMRR20, ST24, TZC25, WG21, WFD23, YDQ+23, YPS+21]. **human-altered** [GRCSA+20]. **human-ecosystems** [RGRMRR20]. **human-natural** [KCS22]. **human-transformed** [MPMT23]. **humans** [AARS23, Har25, ZHC23]. **Humboldt** [CFG+22]. **humidity** [WBD+22b]. **Hummock** [NHB+25]. **Hummock-Hollow-Lawn** [NHB+25]. **humpback** [CMAG+25, SWF21]. **Hunan** [ML25, WLL+25]. **hunter** [LP22]. **hunting** [CPAT20, KLPJ24, RRFLV+22]. **hurdles** [GSMD24]. **Huron** [FM24]. **Hutchinson** [MYH+20]. **Hybrid** [XS25, BOLC+22, CKK+24c, LL25, LNK+21, PR22, XHZ25]. **hybridization** [SCB+20]. **hybrids** [CKK+24a]. **HyDiaD** [BOLC+22]. **hydra** [dAdSCA20]. **hydraulic** [KSJ22]. **hydro** [ZZL+25]. **hydro-biogeochemical** [ZZL+25]. **hydrocarbons** [ZYZ22]. **Hydrodynamic** [YHC+21, Che21, GNH+24, HSF+20, HLS+23, OLM+24, PRM+24, ZZG+24]. **hydrodynamically** [SJH+23]. **hydrologic** [LHJ+24, TKO+22]. **hydrological** [GSA24, HLZ+22, LZD+24, LCH+25, MNMN25, NA22, RGH+25, ZRMW+20, dPGDdFS24]. **hydrology** [LMW+23b, NWO21, NO23]. **hydropower** [DYW+22]. **hyper** [BLAA25]. **hyperallometric** [SGLK20]. **hyperbolic** [PSZ20]. **hypereutrophic** [DAQ20]. **hypotheses** [SGLK20]. **hypothesis** [Lef23]. **hypoxia** [DMPP24, FTH24, SNN24]. **Hyrcanian** [LhNA+22, LhNA+21].

i.e [SH25]. **Iberian** [OWGRF25]. **ibex** [LGFT+20]. **IBM** [LBS20]. **ice** [DMdR24]. **ice-cover** [DMdR24]. **ICM/Toxi** [PKW+25]. **ideal** [Men22, dKS22]. **idealized** [KPLH24]. **ideas** [Ano20-49]. **identifiability** [SC21]. **Identification** [KT22, DTD+23, DBH+22, MP23, SGCFB22, ZBl25]. **identified** [BLB+20, KPLH24]. **identify** [MYACC22, OSH+21, SWW+23, SFEE25]. **Identifying** [BGCJ21, JASW23, KRM+22, Kiv24, MKEH20, XMWL23, BSU+23, KDC+21]. **Ideotype** [SGB+24a]. **Ignoring** [LKPK22]. **II** [BSPT23b, FZS+20, JCM+25, PKKT+24]. **III** [ML20]. **iLand** [RTB+24]. **illustrates** [KKM+24]. **Illustration** [RGB22]. **images** [CSZY+20, Lia23, QYW+25]. **imbalance** [BSCH23]. **immersed** [For20]. **Impact** [CZY+25, ELS23, JL23, JASW23, LBSR25, MSL+21, NO24, SLYL+20, AMK21, AC25, AFG24, BSS+24, BMB21, CdCAC+20, COJ23, CDN+23, CDJ+22, CL24, DAGR25, DAG+21, DN24, HHBF24, HMC20, HLS+23, JB22, KE24, KRvW+25, LPSF24, LDXJ22, MGHT20, MTBB22, NA22, PDW23, QS23, RCCLMGV22, RBVL+20, SPM25, SLB+23, TKO+22, VMH+21, Vas23, VVLS25, WAHA+24, YLLL23, ZA20, ZYZ22, ZCJ+20, ZZLF24]. **impacted** [CDT+23, ZRMW+20]. **Impacts** [CP22, CPAT20, KAZ+25, KWG+22b, RMGNA25, UCM+25, XLS20, ZMF+20, AHK+25, APT24, BPW+21, BGS+20, BNAR+21, BRBT22, CRZ+23, COPM23, CNSK21, Dav22, DGS25, EBS23, ETAAH21, HKB+20, HWSD24, HWSD25, HLXZ25, JCM+25, KLR+24, KBSS23, LOZT25, LCW+21, MCMP+24, MCB+23,

MGC24, MTLC25, MBD+22, MPF+25, MPA+24, PK23, PBO+25, PTG+20, WHW+23, SBS+20, SBS+21, SG20, SBWB24, TGRM23, TIKM24, TCS21, WLL+25, WLL+24, WBS+24, XCZ+20, ZXK+24]. **imperfect** [BR22, BR25, SOV21]. **Implementation** [PAPRMALO25, BGA+23, HKG+24, ZRB+25]. **implemented** [BGA22]. **implementing** [LSB+25]. **implication** [BSB+24]. **Implications** [BHC22, CR24, CNSK21, Gia25, HKSM23, LRA+20, SE21, FEPR24, FLG+23, FTH24, MA25, RBEC21, Pas21]. **implicit** [AE22]. **import** [NO24]. **Importance** [FS22, RMS24, ALS+21, CKK+24c, DVPPMV+24, EJ20, GMS+23, GMA+25, HHT21, JHKT+23, KdRW25, NPK+23, WRC21, vdHNH+20]. **important** [MFF+24, RRB+25]. **imprecise** [XCZ+20]. **improve** [CSCT23, DHY+25, GNH+24, GZD+23, MVAD20, dRMJdS23, PTG+20]. **Improved** [GMA+25, HKY24, HCX+21, KWP+23, KBAC20, Ste20, WMA21, BA20, CWW+23, FCT+25, LCW+21, NYH20, dOPdMdS+21, SPPC21, Yu20, ZZL+25]. **improvements** [LKP+20]. **improves** [BSCH23, BMG24, CLW+24, JST+22, OW20, RFF+23]. **Improving** [AMP+23, ASKR24, BLSR+20, FNRP+25, KMP+23, PGSL+20, RMGNA25, RZY+25, SZPW23, SNM+23, SOZ+25, WXX+23, YCI20, BGK+20, GXZ+24, TCG+20, VC25]. **IMTA** [HK23]. **in-season** [HGBK23]. **in-silico** [PNGESS21, FCFCM24]. **in-water** [WWP20]. **inbreeding** [RMA+24]. **incidence** [CMSD+22]. **Including** [SL24, DS24, HLZ+22, RCCBMCJ25, YEL+21]. **inconsistency** [Sak23]. **incorporates** [dAPdBMT23]. **Incorporating** [APF21, APT24, HML+22, WBD+22a, CL21, LDJ25, PGdAM+20, VRRI+24, WBD+22b, XYZR21, ZWZ+24, ZYK22, ZHC23]. **Incorporation** [ALJ+22]. **Increase** [AKM22, SGB+24b, CAFT22, KHH+22, KHH+24]. **Increased** [WZT+25, cNKF24, FS22, GLH24, GGMR20, HHBF24, TCB21]. **increases** [ALJ+22, KKF+23]. **Increasing** [dGZHCA24, FWK+20, SQDM21, WGMR23, WLZ+23b]. **incremental** [BCM25]. **incubation** [CC20]. **independent** [HI22, PPH+21]. **indeterminate** [CMG20]. **index** [AZALP+24, DHY+25, HKSM23, HCL+24, JPL21, PSZ20, RCCBMCJ25, WAHA+24, ZSS20, BLvG+25]. **India** [ESCA22, GMM20, JLV+21, MSG+21b, POWS24, RSB+23, SD24, SPPC21]. **Indian** [LHH+24, BGC+24, HMVR21, KWP+23, RSC+24]. **indica** [AFdSM23]. **indicate** [ZZŠ+22]. **indicator** [KLL+24]. **indicators** [RWZ+24, WXX+23, ZMK+22]. **indices** [CSZY+20, GSJC22, XMWL23, ZMK+22]. **Indigo** [BGA22]. **Indigo-N** [BGA22]. **Indirect** [SWL+23, KMAA23, MS25, TBM+24]. **Individual** [APGD+21, EV22, LS25, MKS21, Mea20, PMP+21, RPG20, RHP+24, AVRC+20, AHO+20, APF21, BGS+20, CDB+20, CGVC21, CKK+24a, CKK+24c, DAB+20, DAC+25, DWH+21, EWE20, GRCSA+20, HBMR24, HKG+24, KCP+23, KD20, Koo24a, KWG+23, LBSR25, LGFT+20, LDC+20, LDYP25, LBI+20, LQH24, MSG21a, MSG23, dSMPA+22, MCMP+24, MJ24,

MPL+20, OMC+24, PMMTF+24, RTB+24, RFJ+22, SBR+25, TBM+24, UM25, VM25, WHE+24a, WHE+24b, WBW+20, WbM+24, WYBX23, WBD+22a, WJ24, WLSJ24, XJW21, YLS+21, YDLT24, ZMS20, ZFP21, Mea20]. **individual-** [RFJ+22]. **Individual-based** [APGD+21, EV22, MKS21, Mea20, PMP+21, RPG20, RHP+24, AHO+20, BGS+20, CGVC21, DAB+20, DAC+25, DWH+21, EWE20, GRCSA+20, HBMR24, HKG+24, KCP+23, Koo24a, KWG+23, LBSR25, LGFT+20, LBI+20, LQH24, MSG21a, MSG23, MCMP+24, RTB+24, SBR+25, TBM+24, VM25, WHE+24a, WHE+24b, WBW+20, WBD+22a, WJ24, WLSJ24, YDLT24, ZMS20, Mea20]. **individual-level** [AVRC+20]. **individual-specific** [OMC+24]. **individuals** [CKK+25, JC25, MOS21]. **Indonesia** [JASW23]. **induced** [AC25, dSBDH23, CBSB23, DBK20, GRAA22, GZ23, LPS+21, NK23, SPPC21, SOZ+25, YYS+22]. **Indus** [BSB+24]. **industrial** [DS24, KHS+23]. **industrial-natural** [DS24]. **industry** [nCLpW+23, PDW+24, PAPŁ+23]. **inequality** [LMW+23a]. **inertial** [CGV22]. **infected** [JC25]. **infection** [CGB+23, CYP+20, Cor20, FNA+25, MOD+25, SRM+24]. **infections** [DEMJ24]. **infectious** [GMM+24, VSB22]. **infer** [GSM+20, JVGC21]. **inference** [LKPK22, Mau24, TDI+20]. **inferences** [ATP20, DVPPMV+24]. **Inferring** [KdRW25, PDH+22]. **infestans** [FC21]. **infestation** [BDP+23, MM21]. **influence** [BHC22, BAM23, CKK+24c, FCFCM24, FDSM20, GAMN+23, IA23, JPMA+23, KN20, KCHZ21, LLC24b, LCM24, MLMI23, MSLMM22, MS25, NL20, OCWL25, QZSV21, RLS+24, SCG+24, SLB20b, SMD+20, SKH+20, WSM24, WJ24, dAdSCA20]. **influenced** [KSJ22, XZZ+22]. **Influences** [CMFC23, SHT21, CBW22, CLW23, MFH+22, OHR+23, SC24a, SM22a, SZL+20, vSS24]. **influencing** [LW23, QYYA25, XMWL23, ZSS21, ZLZ+25]. **influential** [BGCJ21, LBT+22]. **influenza** [LKB+25]. **inform** [CSMP21, GML+20, RMS24, WT20, WDW+22]. **Information** [LB21, SPV+20, ZL24, BAM23, CRP+25b, HKB+20, HNC+21, LDYP25, LLW+21, MGK+23, MPMT23, RBMRR20, SMMT25, TTPA21, vWVH20]. **information-content** [MGK+23]. **informed** [HMGK20]. **Informing** [HCW+22]. **infrastructure** [SBF+21]. **inhabiting** [SBMF23]. **Inhibition** [MYH+20, FMRMAS24]. **Initial** [nCLpW+23, NLW+24]. **Initiative** [LMW+23a]. **inland** [XHS+24]. **inner** [KNP+21]. **innovation** [DL25]. **innovations** [CAH22]. **Ino** [DLZ+21]. **inoculum** [MGHT20]. **inorganic** [NKT+20]. **input** [BS20, HLM+20, MDB+20, WHL+23, WAHA+24, XLM+23, ZZŠ+22]. **input-output** [HLM+20, XLM+23]. **inputs** [HRW+24]. **Insect** [DBN+22, DMG22, DKM+21, MJ24, PSM+21, PGdAM+20, REGI+24, RTH+21, RCSS20, RRB+25, SE22, STK+25, SKH+20, SM22b, dGMCM+23]. **insects** [CH22]. **insight** [NCG+24]. **Insights** [AADHA+23, BCPV25, dSCdA21, FPR+25, HLN+25, HSP+22, HCPG20, MAGR+22, PYD+21b, PRP+25, PTNR+20, RMV+24, WWW25, ZWZ+20, dSGAA25, BACJ25, CGC+25, CEB+25, ECD+24, HBMR24, JZJ+20, MAW+24a, MAW+24b,

PSM+21, SLB+20a, dFT+20, LJRM+20, ME25, PYD+21a]. **inspires** [PSW22]. **institutional** [ZRB+25]. **instream** [KTB+23, LKP+20]. **instruments** [BAM23]. **intake** [LDYP25, vdMvDSL20]. **integer** [SRÁMH+20]. **integral** [JPL21, PSBE23, PFK+22]. **integrate** [MTBB22, Mur24]. **Integrated** [BNAR+21, DKM+21, ETAAH21, PKW+25, UCM+25, BdCCdSAdS23, BMM22, DIS23, FMH+20, GLA+20, HMLZ24, HCX+25, HK23, JZJ+20, KFM+23, KWG+23, LUV+23, LCMB21, LYM+23, MSS24, MJdORPG23, PBF+23, STW+23, SWW+23, SZL+20, WAHA+24, WSL+22, WDP24, Yao21]. **integratedly** [ZYK22]. **Integrating** [ATP20, ADSvdZS25, Ano20-50, BZM+25, BKTM20, BCM25, CLW+24, CLZ25, DHY+25, JPL21, LHF+25, MBFS21, PGP+22, SVK20, TY25, TPD+24, VRS20, WDW+22, WFD23, XJW21, YYL+25, CDB+20, DGS25, Har25, LZW20, PTNR+20, QYW+25, SFEE25, SNP+23]. **Integration** [BLB24b, CDA25, LUT+24, OW20, PRdN+20, BNN20, OCT+23, Pal24, RZY+25, SKW23]. **integrative** [MBP+25]. **integrity** [Gon23]. **intelligence** [Ale25]. **Intelligent** [Lia23]. **intensity** [CP22, MBP+25, PAS23, QZ25, TMNA20, ZLZ+24]. **intensive** [HLS+23, ZCJ+20]. **intentionally** [SM22b]. **Inter** [LPRB+25, CKK+24a, EVHS21, KD20, MPL+20, PSG21, SZS+25]. **inter-** [PSG21]. **inter-individual** [CKK+24a, KD20, MPL+20]. **inter-monthly** [SZS+25]. **inter-site** [EVHS21]. **Inter-species** [LPRB+25]. **interact** [KN20]. **interacting** [MAB23]. **interaction** [CWY+24, DYMD22, GGS+22, HFP22, JBF22, cLJ25, MVC+22, MM21, PVS+21, QZ25, RUTY23, SGCFB22, SGRDA+24, TRMB20, VMMEM25]. **interactions** [ABM20, AM21, BANG20, BNN20, CLPZ20, CZ21, CLHZ22, CDNN+20, FHP+22, GGMR20, HFP20, KNP+21, LRA+20, LP22, MDP21, OMP+23, PSG21, PGSL+20, RBEC21, SCG+23, SGP+20, SGV25a, SGV25b, SLLW21, SPV+20, SPV+21, TZC25, WPL+23, WMA21, WTT+21, YL22, YEL+21]. **Interactive** [KAPZ25, KAB+23b, KPLH24, TSBE23, BCGR25, CVTS20a, CVTS20b, ZFC+23]. **interacts** [BSR21]. **interannual** [SZS+25]. **interception** [LWL24]. **intercropping** [DDH+22, KKP+21]. **interdependent** [RK20]. **Interdisciplinary** [NPS+23, LWZL23, RFHR24]. **interface** [MD23, TGL+22, WPL+23]. **interference** [LDYP25]. **internal** [VJK+23]. **International** [Mea20]. **interplay** [AM21]. **interpolation** [RRFLV+22]. **interpolators** [RAB21]. **Interpretability** [AZALP+24, AZAD+23]. **interpretation** [AHH22, BM22a, LK24a, RSWS23]. **interpretations** [LPL22b]. **Interpreting** [AKY+22]. **interregional** [ZLML20]. **intersection** [LHDBN20]. **intertidal** [GSM+20, MAW+24a, MAW+24b, PR22, vdHNH+20]. **interval** [ALK20, NMV+23, RUTY23, ZZZD22]. **interval-valued** [RUTY23]. **intervals** [JPL21, LK24b]. **interventions** [CZY+25]. **intra** [CKC20, RLM23]. **intra-annual** [RLM23]. **intra-guild** [CKC20]. **intraguild**

[SM22a, YXF25]. **intraspecific** [PSG21, WOOS24]. **Intrinsic** [MSML21, YZF20]. **intrinsically** [GZ23]. **intrinsically-induced** [GZ23]. **introduced** [SM22b]. **introduction** [FM24]. **Inuit** [DSHB23]. **invadable** [MOS21]. **Invader** [MS25, YB22]. **invaders** [MJS24, SG20]. **invading** [BAZ22]. **invasion** [AV22, Fou21, GSSC25, JL23, LBL22, MJS24, MPF+25, NFLvdM24, NL20, NTHC23, WLWL23]. **invasive** [CH22, CEB+24, JL23, LGG+22, LSH24, LDXJ22, PKE+25, SLB20b, SWL+23, SC23, SZKLL24, SBR20, TBP+23, dGMCM+23]. **invasiveness** [PBH22]. **inventories** [KMS+25]. **inventory** [BSS+24, IBB+21, IBB+22, PPH+21, MRM25]. **inverse** [VC25]. **inversion** [TDI+20]. **investigate** [AHSH+25, DHW+20, DPC20, MSG21a, MSG23, RWF22, Wu24]. **Investigating** [AAM+22, CZ21, HZ22, MGHT20, PDH+22, RSC+23]. **Investigation** [GCSlR22, RKN+21, WRC21]. **investigations** [CM21]. **ion** [JLZ+25]. **ion-adsorption** [JLZ+25]. **Ionian** [RSC+21, RSC+23, LPD+20]. **ionising** [VSK+20]. **ionizing** [YXH20]. **IOP** [Pas21]. **IPH** [dPGDdFS24]. **Iran** [DYMD22, AAM+22, CMHZ23, ETAAH21, EGAS23, ENARM+23, KT22, MA25, NAM22, PK23, RSASP22, ZMK+22]. **irradiance** [SDP21]. **Irregular** [CMKF22, BMB24a, JM22]. **irrigated** [GLK+22, JMPB24]. **irrigation** [GZD+23, HKH+23, LE23]. **irrigation-related** [LE23]. **irruptive** [STRC24]. **ISBN** [Mea20, Pas21]. **ISBN-13** [Pas21]. **Island** [LUV+23, LCG+25, XHZH24, SBS+20, WF24, CLW23, GCSlR22]. **Islands** [LPD+20, SOV21]. **Isle** [LF25]. **Israel** [EKY25, HKY25]. **issues** [PBH22]. **Italian** [GCMU23, NSS+23]. **Italy** [GMS+23, GSC+23, MEGA21, SBF+21, BBCD23, BARF20, CMHZ23, DSC+21, LPA+21]. **iterative** [FFM+23]. **iteroparous** [KK20]. **IV** [VMMEM25]. **Ixodes** [WBD+22b].

J [Ano25n]. **Jajroud** [MA25]. **January** [Ano20e, Ano20q, Ano21e, Ano21q, Ano22q, Ano23q, Ano24q, Ano25p, Ano25q]. **Japan** [BWS+20, II24, KiAM+20, NO23, TDI+20]. **Japanese** [HKSM23]. **japonica** [HKSM23]. **Jeli** [RHN+25]. **jellyfish** [EWE20, VM25, WWW25, XFK21]. **Jiangsu** [KHS+23]. **joint** [FCT+25, MJS24]. **Jørgensen** [Fat21]. **JRR** [Fat21]. **July** [Ano20f, Ano20r, Ano21f, Ano21r, Ano22r, Ano23r, Ano24r, Ano25r]. **June** [Ano20g, Ano20s, Ano21g, Ano21s, Ano22s, Ano23s, Ano24s, Ano25s]. **Jurassic** [PR21]. **Just** [PMZ+21, KBC24]. **justice** [BCM25]. **juvenile** [BdBG+21a, BdBG+21b, Koo24a, LLB+23, MBB20, MLP+20, SPB+24, SJH+23, WRC21, WDP24]. **juvenile-driven** [Koo24a]. **JZB** [XCZ+20].

Kalman [CWW+23]. **Kamchatka** [PA20]. **Kansas** [AAR23]. **Karenia** [GSJ+22]. **Karst** [ZHJQ23, DHY+25]. **Kashgar** [BHH+25, WFW+24]. **KBRI** [DHY+25]. **Keeping** [KAT+22]. **Kelantan** [RHN+25]. **Kelp** [VLGG+20, SMS+24]. **Kemp** [SPB+24]. **Kenya** [GVG+23]. **Kerguelen** [APGD+21]. **kernel** [PSW22]. **Key** [YG21, CAK+24, CNSK21, GAC+21,

GRCSA+20, KDC+21, MAW+24a, MAW+24b, XMWL23]. **keystone** [HNC+21]. **Kheyrud** [ETAAH21]. **Khuzestan** [ENARM+23]. **killer** [LDJ25]. **kinetic** [LPRB+25]. **Kinetics** [GSJ+22, AZAD+23]. **Kingdom** [Pas21, KLA+20]. **kiwifruit** [CMHZ23]. **Knepp** [NCB25]. **knowledge** [CMGD+22, DSHB23, JZS+21, MS20, PRdN+20, VRS20]. **known** [BGS+20, WWK+24]. **Korean** [WLT+23]. **krige** [BMB24a]. **kriging** [VMG+24]. **krill** [BMB21]. **Kuroshio** [CWZ+25]. **Kuznets** [LMNV20].

L [LhNA+22]. **L.** [CLOFD+25, EVT+21, GRAA22, LhNA+21, PAPŁ+23, SWHZ22, SKW23, WSHZ24]. **Labeo** [DAA+25]. **laboratories** [Tur20]. **laboratory** [AZMD+22, LEC+23, SGH+23, VN23]. **labrax** [WBW+20]. **lack** [ZOJ+23]. **lactuca** [LFN+20]. **Laemophloeidae** [AJJ24]. **lagoon** [AACCIS20, CMGD+22, PGB+20]. **Lagos** [EON23]. **Lagrangian** [LWE+22, LEC+23, TMNA20, WSW23]. **LAI** [CSZY+20]. **Lake** [ML25, QXZ+25, AJ22, BGCJ21, CDJ+22, CRP+25a, FWK+20, GPN+23, HSJ+20, KRvW+25, KUK+21, TSUY23, Tsy22, WLLW20, WLQ+23, WPL+23, ZZŠ+22, ZWZ+20, DMdR24, DVVH21, FM24, HSF+20, JBB+25, JCM+25, KAZ+25, KKH+24, MSL+21, MFH+22, PRM+24, SLB20b, TGRM23, WCG+24, ZYZ22]. **lake-floodplain** [TSUY23]. **lake-scale** [AJ22]. **Lakes** [DMdR24, EL21, LCLG20, Ste20, YXY+20, AJ22, KWM+24, KAT+22, LHJ+24]. **Lakeshore** [SOV21]. **lamarrei** [DAA+25]. **Lamellidens** [GMM20]. **lampreys** [AJ22, MSML24]. **Lancang** [WLZ+23a]. **lance** [SWF21]. **Land** [BLAA25, GXZ+24, LZW20, MTP+20, TLH+20, UCM+25, AHSH+25, ABC+22, APT24, CP22, COS23, CDA25, CPTD22, CLG20, DSC+21, DWG22, ELM+25, FGC24, Fou21, GZK+20, GKW+25, HAZEF23, JLH+21, JLLS23, JHL23, KMH+21, KMP+23, LBGD21, LZSQ20, LL25, Lia23, LSS+21, LYFY25, LLW+21, MTZA23, NMV+23, NAM22, PHL20, QYYA25, RSASP22, SBM+22, SWP+23, TGRM23, TGL+22, USA21, WWC+22, WZT+25, WMA21, WFW+24, YPS+21, YKZ+23, ZWZ+24, ZRB+25, ZLLZ24, ZHWZ23]. **land-atmosphere** [GXZ+24]. **land-based** [CLG20]. **land-cover** [WWC+22]. **Land-Use** [TLH+20, LZW20, CP22, COS23, JHL23, QYYA25, RSASP22, WWC+22]. **land-use-based** [DWG22]. **land-use/cover** [COS23]. **land-use/land-cover** [WWC+22]. **lands** [ESCA22, TSBE23]. **Landscape** [DLT+22, HBP+21, MTP+20, ZTD+25, dMT23, AJG22a, AJG22b, AGP20, BSR21, CWY+24, FFM+23, FHP+22, GLH24, GMA+25, GSMD24, HMDO20, JMD+25, JSL+20, KdRW25, KS22, Kos22, LDR+20, LRA+20, LP22, LDYP25, LOZT25, LL25, LZL23, MPMT23, MBP+25, MS23, MTZA23, OW20, PTRP23, RTB+24, SPV25, SZPW23, SFEE25, SMS+24, WWZ+25, XMWL23, ZBW+24, cNKF24]. **Landscape-scale** [HBP+21]. **landscapes** [ACM24, BWCD23, DYMD22, KLNMG22, LPD+20, MSLM+24, MGdM+20, MMMS23, SJA+22, VBH20, WOOS24, WGMR23, ZLV25]. **LandSDS** [LZW20]. **landslide** [LYL+24a]. **lanternfly** [LSH24]. **Laplace** [WSL+22]. **larch** [GHK23]. **large**

[BS21, BdCCdSAdS23, DYW+22, FDH+25, GCB+22, GJC+20, GMM+24, LBGD21, LEC+23, LYFY25, PTRP23, PBS21, WPL+23]. **large-scale** [GMM+24, LYFY25]. **Larger** [CDC+22]. **Larimichthys** [RJY+20]. **Larix** [DCCL24, XLS20]. **Larus** [ILLM20, KBC24]. **larvae** [GMM+24, JPMA+23]. **Larval** [PCL24, CMFC23, LSK24, PYD+21a, PYD+21b]. **last** [BPL+20, XD25]. **late** [HEL+21, PR21]. **Latent** [Por21, RRL+25]. **lateral** [GLP+25]. **laterally** [Che21]. **latissima** [VLGG+20]. **latitude** [ALJ+22]. **latitude-adjusted** [ALJ+22]. **latitudes** [Pow25]. **latitudinal** [NSS+23]. **Latvia** [LMB+25]. **Laurentian** [KWM+24]. **law** [KLS20, XJW21]. **Lawn** [NHB+25]. **layer** [CDA25, FSZ+20, FZS+20, TMNA20]. **layout** [LBT+22, ZZQ23]. **lconnect** [MS23]. **LE-CA** [LL25]. **leaching** [BGA22]. **lead** [JJN22, MSD25]. **leading** [LSK24]. **leads** [CMA23, HKY24]. **leaf** [CLW+24, HKSM23, KHH+22, KHH+24, Mas23, MLJ+23, NYH20, PTF23, PCN+23, PKO+21, PNGESS21, SLHB+23]. **leaf-appearance** [PTF23]. **Learning** [Ano20-51, ASKR24, ASHK22, BSCH23, CAK+23, CAK+24, CNMS25, EOÖ21, GZD+23, HSJ+20, KKW+21, Lia23, LYFY25, MBFS21, MMN+25, PBS21, RSWS23, RFPRC23, SPV+21, TK20b, WLY+23, WbM+24, WCSX22, WKL+21, WrJP+22, Woo24, XHZ25]. **learning-based** [LYFY25]. **Learning-by-doing** [ASKR24]. **least** [PCK+22]. **leatherback** [CMG20]. **Lei** [ZCJ+20]. **Leipzig** [BEH+25a, BEH+25b]. **leishmaniasis** [ZMG+21]. **Lemna}** [GRGV25]. **lemuru** [PYD+21b, PYD+21a]. **length** [BPK+20, LCMB21]. **lens** [DK22]. **leopards** [PWN+24]. **Leslie** [SQDM21]. **Lesotho** [RMO22]. **Less** [XGT+24, TSdOCV21]. **lesser** [BGS+20, vdMvDSL20]. **lesser-known** [BGS+20]. **lesson** [Fou21]. **Lessons** [For24, Nug25, LBGD21]. **Level** [Por21, AVRC+20, AP25, DvDA24, EOÖ21, EBH+25, LYL+24b, MSML24, MAW+24a, MAW+24b, PPH+21, PR22, QXZ+25, SH25, STW+23, TLC+22, VSS+22]. **levels** [AP25, CCH20, DBK20, Jor22, LYC+21, PCK+22, SKW23, SBMG24]. **leveraged** [YA24]. **Leveraging** [MTLC25]. **liana** [VDK+24]. **Lianas** [dFT+20]. **Liaoning** [QYYA25]. **library** [LQH24]. **lice** [EVHS21, GMM+24, MM21]. **Liebl.** [EVT+21]. **Liebl./Quercus** [EVT+21]. **Life** [JOE23, AZAD+23, BMB21, CMGD+22, CTL22, CP20, DR25, EL22, HKG+24, KD20, KBSS23, LBSR25, LUT+24, MdO25, MMS+24, LPRB+25, MFF+24, NGA+20, NK23, OWGRF25, RPG20, SLYL+20, SNN24, SINS22, SFFL25, vDC20]. **life-histories** [RPG20]. **Life-history** [JOE23, DR25, KD20, NK23, SLYL+20]. **lifespan** [KN20]. **Light** [SBMF23, BWCD23, HMC20, PNGESS21, RHP+24, SMS+24, TMNA20, Yu20]. **light-climate** [HMC20]. **likelihood** [NT23]. **likely** [WWA+22]. **limitation** [LLB+23, SGH+23]. **Limitations** [PPJN25, GMG+25]. **Limited** [NK23, HKB+20, HLW+20, HLZ+22, ZWL+21]. **limiting** [CKK+24b]. **limits** [Har25]. **limnology** [DBK20]. **limpet** [GSM+20]. **linear** [SDD+20]. **lines** [CDC+22, DCCL24]. **link** [BPF24, MGWG22]. **linkage** [SFEE25]. **linkages** [MFPIBGES23]. **linked** [MOD+25, PRM+24]. **Linking** [HKH+23, JTH24, JLH+21, KWG+22a, SCC+25, AB21, Jor22, REGI+24].

links [AS22, MPMT23]. **Liolaemus** [NMGFOB21]. **lipped** [RRCZ20]. **list** [SCACB23]. **literature** [MMRBLN20, MFK+25]. **Litopenaeus** [dMFOM+20]. **litter** [LDXJ22, MLJ+23, SLHB+23]. **Liulin** [ZZLF24]. **live** [VMG+24]. **lived** [LGK+23]. **livelihoods** [CNSK21]. **lives** [MFK+25, SCH+21]. **livestock** [GJC+20, JST+22, MTS+20, MD23, RMD+24a, RMD+24b]. **Living** [BLP20, TLH+20, ZZQ23, WBS+24, XHZ25]. **LMfireCF** [ERP21]. **loading** [CR24]. **loadings** [WCG+24]. **loads** [NA22]. **Lobesia** [AZMD+22, AZAD+23, CdCAC+20, PSM22]. **lobster** [BHC22, HBMR24]. **local** [CMGD+22, CMRF+24, HBJ25, KJH24, LSL21, MSL+21, MAGR+22, MKEH20, MM21, OZSU22, PDW23, PRdN+20, PDGB21, RLS+24]. **localized** [VRW+21]. **location** [GNH+24, LDC+20]. **locations** [MGK+23]. **lock** [EOÖ21]. **lock-down** [EOÖ21]. **locust** [LAK+23, SGV+24]. **Loess** [ZBl25, SZL+21, TGL+22, WXT+20, YLLL23]. **Loggerhead** [MZLRSZ21, CRZ+23, II24, PTD+23]. **logging** [ACD+24, BSS+24]. **LoggingLab** [BSS+24]. **logic** [DSHB23, KLH+24]. **logic-embedded** [KLH+24]. **Logistic** [SLC+20, KAB23a, PSG21, YXY+20]. **Lombard** [RCCLMGV22]. **London** [CCH20]. **Long** [RSASP22, ABH+20, BLB+20, DYMD22, FMRMAS24, JLV+21, JSD+22, Lev25, PKO+21, RCCBMCJ25, SZ20, XD25, YSIB24]. **long-range** [FMRMAS24]. **Long-term** [RSASP22, ABH+20, BLB+20, DYMD22, JLV+21, JSD+22, Lev25, PKO+21, RCCBMCJ25, YSIB24]. **Longdong** [ZBl25]. **longiceps** [HMVR21]. **longleaf** [JLH+21, SLHB+23]. **look** [BBSHC22]. **loop** [AIA+23]. **loops** [RGRMRR20]. **Lorestan** [AAM+22]. **loses** [MKN23]. **loss** [ALK20, GWZ+25, JRD+22, LSL20, LAK20, MMdP+21, cNKF24]. **losses** [LLLZ21, SAdA+22, YDJ+24]. **Lotka** [DL25, For25, MSML24, NMGFOB21, SIOM24]. **Low** [HP20, MTL+23, RM20, Lef23, LCM24, MDB+20, WAHA+24, YXH20, ZBW+24, ZL24]. **low-dose** [YXH20, ZL24]. **low-input** [MDB+20, WAHA+24]. **lower** [GZ23, MJdORPG23, LUT+24, WAG25, XZZ+22]. **lowland** [HCPG20]. **Loxodonta** [DDG+21, SFEE25]. **LPB** [HHR+25]. **LPB-RAP** [HHR+25]. **LPJ** [ERP21]. **LPJ-GUESS-LMfireCF** [ERP21]. **LSTM** [XS25, ZHWZ23]. **Ltd** [Pas21]. **LUCC** [WLL+24]. **LUCIA** [WMA21]. **LUE** [FCT+25]. **LUE/SIF** [FCT+25]. **lupus** [HKG+24]. **Lycium** [SWHZ22, WSHZ24]. **Lyme** [GMV24]. **lysis** [KPLH24]. **lytic** [CGZ24].

Macau [XWZ+22]. **Machine** [Ano20-51, CAK+23, MMN+25, ASHK22, BSCH23, CAK+24, CNMS25, GZD+23, HSJ+20, KKW+21, MBFS21, RSWS23, RFPRC23, WbM+24, WKL+21, Woo24]. **Machine-learning** [CAK+23, BSCH23]. **machine-learning-individual-based** [WbM+24]. **Macrhybopsis** [WAG25]. **Macro** [RTH+21, NO23]. **macro-** [NO23]. **Macro-symbiosis** [RTH+21]. **macroalga** [LFN+20]. **macroalgae** [VN23]. **Macrobrachium** [DAA+25]. **macroecology** [GRS+20].

macroinvertebrate [RCCBMCJ25]. **macroscopic** [ZZWF21]. **Magellan** [HLN+25]. **magnitude** [CGB+23, LS25, WLD+25]. **main** [BNAR+21, HLW+20, RJY+20]. **Maine** [BHC22]. **mainland** [ZXK+24]. **maintained** [SLHB+23]. **maintaining** [MSG21a]. **maintenance** [AG22, MJ24]. **maize** [AMK21, dSBDH23, GLK+22, GZD+23, VSS+22, WXH+22, KFM+23]. **makers** [RMS24]. **Making** [CSMP21, For20, BLAA25, BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Malaba** [COS23]. **Malakisi** [COS23]. **malaria** [KE24]. **Malayer** [KT22]. **Malaysia** [RHN+25]. **males** [HLB+20]. **mallards** [WWF+23]. **mammal** [Dav22, JSD+22]. **mammals** [HLN+25, TSdOCV21]. **Managed** [Dav22, ACFM22, BLL+23, DS24, MPCG21, SGV25a, SGV25b, SLB+23]. **Management** [Ano20-51, Mea20, PPJN25, ABH+20, AZBdAI23, ACC+24, AA25, ASB25, BH21, BAM23, BM21, CLZ25, CGC+25, CSMP21, CAB+21, DBN+22, GSC+23, Haa24, HKH+23, HAZEF23, Hu25, JLH+21, LWZL23, LCG+25, LCMB21, MA25, Mau24, MLV24, MVC+22, MPT+25, MJdORPG23, NGE+21, Nug25, OEC24, PGP+22, PPH+21, dOPdMdS+21, PSM+21, Pre22, RS23, RMS24, RSEK25, SRÁMH+20, SAL+22, SFGB23, SCF+24, STW+23, TSBE23, VBB+24, WBW+20, Yao21, YKZ+23, ZCJ+20, ZBH+22, Mea20]. **Management1** [LL22]. **Managing** [BHH+25, BSU+23, SYL+24, ZLV25, FTH24, Lov24, MAB23]. **manatee** [Che21]. **MANGA** [BPN+20]. **mangrove** [LK20, ZRMW+20, BPN+20]. **Manning** [HLS+23]. **Maoli** [ML25]. **map** [DLT+22, PTRP23, SGB+24a, WHdBB21, ZBl25]. **Mapping** [AP25, EON23, GCS+21, DK22, PDGB21]. **maps** [AO25, LCP+20]. **Mar** [RTSD+25]. **March** [Ano20h, Ano20t, Ano21h, Ano21t, Ano22t, Ano23t, Ano24t, Ano25t]. **margaritifera** [SLYL+20]. **margin** [KJH24, LWL24]. **Marginal** [Men22, ESCA22]. **marginalis** [GMM20]. **marginalized** [KCS22]. **marina** [SIOM24]. **Marine** [BDA+20, BWS+20, BCM25, BARF20, CMGD+22, CBG+22, CL24, CNNS+21, DS23, Dav22, FSY22, FPR+25, GMG+25, GRGHM21, GDC24, HZ22, HLN+25, HES+20, HES+23, HLXZ25, JPMA+23, JSD+22, KKPR20, LLB+23, MDB+24a, MS20, MBFS21, MSML21, MMRBLN20, MZLRSZ21, MFF+24, MBD+22, RUTY23, RMS24, RAB21, SBS+21, SPW+25, SMV+20, WCM+25, WA20, WLSJ24, YD20]. **Marion** [GCSlR22]. **maritima** [HBP+21]. **maritime** [YD20]. **maritimus** [LGC+25]. **marketability** [CLY+23]. **Markov** [RWZ+24, CDA25, LM23, SOV21]. **Marmara** [DGS25]. **marsh** [LBGD21, QZSV21, ZZG+24]. **marten** [SWL+23]. **Maryland** [BRBT22]. **mass** [GRGHM21, LGA20, RWF22]. **massoniana** [HCX+25]. **MASTIFF** [MBG+22]. **masting** [VK24]. **Mate** [WZWF20]. **material** [LZF21]. **maternal** [CLW23, CC20]. **math** [KAT+22]. **Mathematical** [CGC+25, DAA+25, GGS+22, LJP+22, RNF25, TIKM24, WGAH22, BDP+23, BACJ25, BCMV20, EBS23, FH24, GAC+21, GRAA22,

Hu25, Ino22, RCCLMGV22, RWF22, SE20a, SE20b, SvV21, ST24, WPL+23, WWW25, YXY+20]. **Mathematically** [MdO25]. **mathematics** [ZWL+21]. **matrices** [TK20a, TTPA21]. **Matrix** [TK20a, CCJK+20, CP20, Gia25, LKO20, LSG21, PTG+20, SCB+20, SdlP20, XYZR21, dVDC20]. **Matt** [EVT+21]. **matter** [AB21, FMSR20, TFH+25, WTT+21]. **matters** [BS20, Fou21, RWS+21, VVH+20]. **mature** [DAC+25]. **mauve** [VM25, EWE20]. **MaxEnt** [HPMB20, ML25, SRTS20, SM22b, vSS24, AO25, ATP20, SC24a]. **maximize** [DGVVP23, RMCCB24]. **Maximum** [dSCdA21, AKM22, DCCL24, GCS+21, HMDO20, dRMJdS23, dAPdBMT23, RLM23, WT20, XJW21]. **maximus** [RHN+25]. **May** [Ano20i, Ano20u, Ano21i, Ano21u, MBD+22, SGB+24b, XD25, Ano22u, Ano23u, Ano24u, Ano25u]. **mayfly** [KFJS20]. **Mayr** [MZW+25]. **MCDA** [USA21]. **MCDM** [ŁJ21]. **MCR** [HYY+24]. **meadow** [ALS+21, PR22]. **mean** [Dav22]. **meaningful** [BCM25]. **measure** [cLJ25, RP22]. **measured** [AAR23, GCSlR22]. **measurements** [ASHK22]. **measures** [JTH24]. **Measuring** [DPA21, GPN+23]. **mechanical** [MLMI23]. **mechanical-ecohydrological** [MLMI23]. **mechanics** [YEL+21]. **mechanism** [BGA+23, CR24, DDH+22, FNA+25, SIOM24, SZL+21, XD25, YXH20]. **mechanism-based** [FNA+25]. **mechanisms** [SNN24, SINS22, ZXK+24]. **Mechanistic** [SMS+24, BPW+21, BGA22, CSBS21, EJ20, HMGK20, HZ22, HFSL+24, JJJ+25, KN20, KBAC20, LLC+24a, MK21, MJ24, MLJ+23, MBG+22, MOS21, PPL25, RBEH21, RMD+24a, RMD+24b, SH25, XS25, dAWG23]. **mechanized** [NGA+24]. **Medawar** [WWK+24]. **media** [PDW23, PAS23]. **media-based** [PAS23]. **mediate** [SM22a]. **mediated** [VVH+20, ZPL+25]. **Mediterranean** [RSC+21, RSC+23, AACCIS20, BRC+21, BCMV20, CLOFD+25, CGRGBGM25, DAQ20, DBD+25, LPD+20, MTL+23, PGSL+20, SBF+21, SMD+20, SZKLL24, TMM25, VM25]. **Mediterranean-type** [AACCIS20]. **megafauna** [RAC+24]. **meiofauna** [vdHNH+20]. **Mekong** [LUT+24]. **melanogaster** [SLM24]. **melitensis** [LGFT+20]. **mellifera** [JSL+20, LBT+22]. **Membracidae** [PTBFP+20]. **memorized** [Sak23]. **memory** [RBGB23, SZ20, TPD+24]. **Menidia** [SNN24]. **Menor** [RTSD+25]. **Mercury** [CB20]. **Merging** [RBEH21]. **Meriones** [ZMG+21]. **mesic** [ZFT20]. **Mesocarnivores** [SOV21]. **mesopelagic** [CGRR+24]. **mesotidal** [CMGD+22]. **Messina** [SGP+20]. **meta** [KRvW+25, NMV+23, OKS+21, RLS+24, WCM+25]. **meta-ecology** [WCM+25]. **meta-ecosystem** [KRvW+25, RLS+24]. **meta-ecosystems** [OKS+21]. **meta-goal** [NMV+23]. **Metabolic** [LMD+25a, CMA23, GSM+20, KN20, LK24a, MTS+20, SGLK20, VVH+20, XJW21]. **metabolism** [AP25, BMB21, BCW+23, CLG20, DvDA24, EL22, LZF21, MKS21, WZZF23]. **metacommunities** [AE22, JJJ+25, LQH24]. **Metacommunity** [BACS22, LBL22]. **MetaIBM** [LQH24]. **metal** [LLW+21]. **metallophyte** [BMS+20]. **metamodelling** [CGVC21]. **metamorphosis**

[PDG+20, RGW+25]. **metaphor** [SGPSzC22]. **metapopulation** [FdKO21, FAC22, HWSD24, HWSD25, NTHC23, RGB+23, SdlP20, BGC+23]. **metapopulations** [BSR21, TA20]. **meteorology** [JPL21]. **methane** [SMM+22]. **method** [AAM+22, DAA+25, DL21, For20, FG21, FCT+25, HCX+25, KFM+23, KK20, LSK24, ML20, MSS24, PMZ+21, Pal24, SSM24, SZ20, SDH21]. **Methodological** [SLB+20a, DBDR22, dMT23]. **methodology** [OMC+24]. **Methods** [LAC+24, Mea20, AIA+23, ACM24, DVPPMV+24, GMS+25, GZD+23, JL23, LGK+23, MDT+23, MB25b, TFH+25, TGS+25, WT20]. **metric** [GAM20, LL25, OW20]. **metric-enhanced** [LL25]. **metrics** [FNRP+25, GSJC22, GWH20, SBFBDM24, SDSP+21]. **metrix** [CC23]. **Metropolis** [MB25b]. **Metropolitan** [MTP+20, AXMJ22, BBCD23, NSS+23, WWC+22, SBF+21]. **Mexico** [CGRR+24, MZLRSZ21, PAPRMALO25, RWF22, RCCBMCJ25, WSFZ21]. **MFA** [GM23]. **MGB** [dPGDdFS24]. **MGB-IPH** [dPGDdFS24]. **Michigan** [PRM+24, SLB20b]. **micro** [KKP+21, NO23, PCK+22]. **micro-organisms** [KKP+21]. **micro-plastics** [NO23]. **micro-scale** [PCK+22]. **microalgae** [FEP25a]. **microbe** [BMB24b]. **Microbial** [MSL+21, AKY+22, KAB+23b, KKPR20, MKN23, YXH20]. **microbiome** [LLZM20]. **microbiota** [LSL21]. **microclimate** [FEP25a, MK21]. **microclimates** [SVK20]. **Microclimc** [MK21]. **Microcystis** [DAQ20, SH25]. **microphytobenthos** [vdHNH+20]. **microphytobenthos-meiofauna** [vdHNH+20]. **microplastics** [BRBT22, SPW+25]. **Micropterus** [LBI+20]. **microsimulation** [MKR20]. **microtopography** [NHB+25]. **mid** [KKW+21, WWF+23]. **mid-continent** [WWF+23]. **Middle** [WBS+24, XMWL23, XZZ+22]. **Middle-lower** [XZZ+22]. **Midwestern** [PBO+25]. **migrating** [HBMR24, KTB+23]. **Migration** [WWA+22, AKM22, ASL+20, BdBG+21a, BdBG+21b, CRF24, CSB22, DZBB24, DNM+24, DLY+22, Fer23, JCM+25, KiAM+20, MBB20, NPS+23, PTD+23, PMB+22, QZ25, SdlP20, SJH+23, UM25, WGK+21, WbM+24, ZLL+23]. **migratory** [ARSC22, DAB+20, KdRW25, SGA22, SGV+24, WbM+24, XCH+21]. **mikimotoi** [GSJ+22]. **milk** [OZSU22]. **Mill.** [SKW23]. **Minas** [MRR+20, dPGDdFS24]. **MinBAR** [RPT21]. **mine** [ZTD+25]. **Mini** [OKS+21]. **Mini-review** [OKS+21]. **minimal** [Loe25, RPT21]. **minimalistic** [DDDC21]. **Minimizing** [MTS+20]. **minimum** [LCW25]. **mining** [GLP+25, JLZ+25, LLW+21, WLL+24]. **mirabilis** [HBP+21]. **mire** [NHB+25]. **misapplications** [CRF24]. **misinterpretations** [CRF24]. **mismatch** [AAR23, GMV24, PCL24]. **missing** [JM22, LKPK22, MGWG22, RBVL+20, SPV+20]. **Mississippi** [WWF+23]. **Missouri** [WAG25, BGK+20]. **mite** [MMC+21]. **mites** [TCG+20]. **Mitigating** [LG20]. **Mitigation** [CDN+23, CLG20, MLV24, NMC+20]. **mixed** [DMGP20, HMC20, LhNA+21, LhNA+22, MTZA23, PBO+25, SRÁMH+20, SWW+25, SMD+20, TMNA20, WLT+23, YSIB24].

mixedwood [SGB+24b]. **mixing** [EVT+21, KUK+21]. **mixoplankton** [SGTS21, SGTS23]. **mixotroph** [CR24]. **mixotrophic** [LBPL20]. **mixotrophs** [CMA23]. **mixotrophy** [CR24]. **mixtures** [Pre22]. **mizer** [PNB+25]. **mobile** [FdKO21, FSY22]. **mobility** [KAPZ25]. **mode** [KS22]. **Model** [BWT+24, DLT+22, KUK+21, KAT+22, LWL24, MGF25, PKB+23, RSB+23, RCSS20, TLH+20, Tra24, Tur20, YHC+21, AJG22a, ABKA24, Abe20, ASTR+25, AB21, AZMD+22, AZAD+23, AXMJ22, AE22, AS22, AM22, ADSvdZS25, AA25, AHSH+25, APGD+21, ABC+22, ACZ+21, AACCIS20, BSR+23, BSPT23a, BSPT23b, BZM+25, BOLC+22, BDP+23, BLA+24, BAAN24, BMB24a, BKTM20, BPN+20, BGS+20, BANG20, BGR20, BGA+23, BGCJ21, BA20, BGC+23, BMBB24, BGA22, BST+20, BWS+20, BNN20, BAM23, BEH+25a, BEH+25b, BRBT22, BLSR+20, BAZ22, BC25, BACJ25, BCMV20, BSM23, BRAL23, BARF20, BDA+20, BCPV25, BGC+24, BTC+22, CMGD+22, CGRR+24, CM21, CBG+22, CdCAC+20, CDJ+22, CHR+23, COS23, Che21, CJM+23, CWW+23, CXZ+23, CVTS20a, CVTS20b, COPM23, CAK+24, CL24, CNNS+21, CGVC21, CMS+21, CYP+20, Cor20, CSB22, CAB+21, CDC+22, CFG+22]. **model** [DS23, DHW+20, DBK20, DMPP24, DAG+21, DDH+22, DHY+25, DL25, DGSM21, DGVVP23, DDG+21, DP20, DBN+22, DDDC21, DLZ+21, DAC+25, DVVH21, DWH+21, EL21, EWE20, EBMK20, EBH+25, EHS+20, EL22, EBS23, ERP21, ESZ+23, FMH+20, FH24, FC21, FFM+23, FEPR24, FEP+25b, FMRMAS24, FPR+25, FGM+24, FAC22, FSZ+20, FZS+20, FKLH25, GSR+23, GNH+24, GHB+25, GAMN+23, GMM20, Gia25, GSC+23, GGMR20, GRAA22, GRCSA+20, GBC+25a, GSRB22, GXZ+24, GRGV25, GWD+23, HBLC+25, HMGK20, HMVR21, HLZ+22, HBMR24, HRW+24, HBC+22, HCL+24, HYY+24, HML+22, HL23, HES+20, HES+23, HH23, HLGF24, HEL+21, HGBK23, HCP+20, HHR+25, HFSL+24, HLM+20, HCX+21, HLS+23, HCX+25, HFP20, HFP22, JvVvHH24, JTH24, JLH+21, JMHH22, JGG23, JLL+24, JLV+21, JPL21, Jia21, JZHT23, JLZ+25, JHKT+23, JSL+20, JSD+22, Kag25, KiAM+20, KAMS22, KMH+21, KAB23a, KN20, KCP+23]. **model** [KABL21, KWG+22a, KE24, KKF+23, KLH+24, KMP+23, KS22, KD20, KKH+24, Koo20b, KWG+23, KTB+21, KWP+23, KPLH24, KKPR20, LBSR25, LTR+24, LGFT+20, LE23, LDR+20, LFN+20, LUV+23, LLC+24a, LS25, LPSF24, LKP+20, LBGD21, LBI+20, LYC+21, LJP+22, LWE+22, LL25, Lia23, LSY+25, LDX+23, LZW20, LCW+21, LPS+21, LWZL23, LCH+25, LZY25, LKB+25, Loe25, LNK+21, LYL+24b, LCW25, LCG+25, LGA20, LCMB21, MK21, MDB+24a, MKR20, MT23, MNMN25, MS20, Mat23, MHP+23, MJ24, MSML21, MLJ+23, MSLMM22, MBG+22, MTBB22, MVAD20, MOS21, MLV24, MZLRSZ21, MFF+24, MJS24, MMMS23, MPCG21, MPL+20, MPA+24, MPT+25, NWO21, NO23, NHGP23, NCG+24, NGA+20, NDNN22, NLW+24, NT23, NYH20, NTHC23, NH25, NMGFOB21, Nug25, OFH+20, OHR+23, OLM+24, OEF25, PBF+23, PG23, PDH+22, PFM+21, PVS+21, PSM22, PSG21, PSBE23, PDD+22, PPH+21]. **model**

[PTG+20, PGB+20, PPL25, PMB+22, PAdS+24, PKKT+24, PMP+21, PGdAM+20, PR22, dAPdBMT23, PM22, POWS24, QZSV21, RSWS23, RCCLMGV22, RTB+24, RWF22, RFCEL22, RFJ+22, RBMRR20, RJY+20, RUTY23, RRL+25, RBEH21, RMA+24, RRSG21, RGB+23, RGB22, RBVL+20, SBS+21, SGB+24a, SLHB+23, STQ+22, SJA+22, SSM24, SH25, SFGB23, SQS+25, SvV21, SBM+22, SGV25a, SGV25b, SMM+22, SWHZ22, SIOM24, SLM24, mSzZK+21, SACEU+21, SBR+25, SS25, SHF24, SWW+23, SWP+23, SZS+25, SDH21, SJH+23, SNP+23, STRC24, SBWB24, SRB+20, SDP21, SOZ+25, SBR20, SM22b, TBCV22, TBP+23, TWL+22, TLL+23, TSUY23, TBM+24, TDI+20, TMM25, TKO+22, TSBE23, TK20b, VRRI+24, VMH+21, VVH+20, VJK+23, VRS20, VSS+22, VM25, WBW+20, WRC21, WYJ+22, WHL+23, WLQ+23, WPL+23, WSW23, WbM+24, WSZ+24, WSHZ24, WZ25, WZT+25, WGBW25, WYBX23, WMA21]. **model** [WBD+22a, WWF+23, WCSX22, WWA+22, WKL+21, WJ24, WAG25, WLSJ24, XYZR21, XLS20, XCZ+20, XLM+23, XHZ25, YDQ+23, YLL+25, YRK+20, YXY+20, YLS+21, Yu20, YCI20, ZMG+21, ZLV25, ZYZ22, ZZZD22, ZPZ+22, ZZQ23, ZLLZ24, ZL24, ZZL+25, ZHWZ23, ZHC23, ZZG+24, ZCW+25, ZGMFESD23, ZS20, dGZHCA24, dPGDdFS24, dVDC20, dFT+20, vSS24, BSPT23a, BSPT23b, DBDR22, GXZ+24, JBB+25, Pal24, dKS22, AJG22b]. **Model-based** [KUK+21, Tra24, ADSvdZS25, GBC+25a, JvVvHH24, SGV25a, SGV25b, WRC21]. **modeled** [AAR23]. **modeler** [CDA25]. **modelers** [SCC+25]. **Modeling** [AJG22a, ASHK22, AV22, ABM20, ABRG21, AVP+23, BMAME+23, BLLL21, BP21, BWCD23, CRZ+23, CRP+25a, DTR+22, DCT+21, DAG+21, DFL+25, GSR+23, GM23, GMV24, HHI+22, Hop23, JLV+21, JMPB24, JBB+25, JCM+25, KRMP23, KCS22, KRvW+25, LSA+21, LOZT25, LSL21, LGC+25, LCLG20, LSS+21, LGL+24, LCM24, LDXJ22, MMS+24, MPSS24, MEGA21, MCB+23, NKT+20, NAM22, PK23, PBH22, PRM+24, PZH+21, PPJN25, QS23, RBLS23, RRP+23, RKN+21, RGD20, SKPL24, SGTS21, SPB+24, SBF+21, SCH+21, SINS22, SWP+23, STK+25, SZKLL24, SDP21, TCB21, Tsy22, UCM+25, VRW+21, Vas23, VLGG+20, VVLS25, WXH+22, WLY+23, WSW23, WGBW25, WB24, YFW+21, YEL+21, ZRMW+20, dSGAA25, AZALP+24, AGS+21, AGS+22, AHO+20, ASB25, BZZT22, BdCCdSAdS23, BPL+20, BAR24, CZY+25, CGZ24, CAK+23, CAH22, CKC+24, CKC+25, DAQ20, EOÖ21, EVHS21, ELS23, EV22]. **modeling** [ERP21, FNA+25, FGC24, dMFOM+20, For24, For25, GCB+22, GSA24, GMA+25, GXZ+24, HBP+21, HZ22, HLN+25, HPMB20, HMDO20, HBRK24, HSD+21, HCPG20, JZS+21, JMC+22, JM22, JGM25, JJJ+25, KAZ+25, KKP+21, KLL+24, KGBL24, KFJS20, KLPJ24, KBAC20, LJRM+20, LF25, LBB20, LJP+22, LGA20, LUT+24, MZW+25, MA25, MGC24, ML25, MVC+22, NBML21, NA22, NCG+24, PBO+25, PGP+22, PNB+25, dOPdMdS+21, PKW+25, Pre22, PCK+22, QYW+25, RMV+24, RHN+25, RK20, RNF25, RFHR24, RFF+23, RBEC21, RBEH21, SAL+22, SLYL+20, SLC+23, SHT21, SOV21, SC21, SKH+20, STJ25, SOZ+25,

SCC+25, TSdOCV21, TIKM24, TGS+25, WWW25, WDW+22, XS25, YDLT24, ZOJ+23, ZWZ+24, ZL24, ZWZ+20, vdHNH+20, vdMvDSL20, AJG22b, SGTS23]. **Modell** [BS20]. **modelled** [CLW+24, GHK23, JOE23, KHH+22, KHH+24, MPPM23]. **modellers** [WCM+25]. **Modelling** [ABH+20, AAAR24, AGP20, AHK+25, ABR24, Ano25n, BCGR25, BLB+25, BJKT21, BP25, BH21, BLL+23, BAR20, BGA22, BEH+25a, BR25, CH22, CBW22, COJ23, CDN+23, COS23, CVTS20a, CMG20, CIL+20, CSB22, DYMD22, DMM+23, DBD+25, EKY25, EWE20, FMSR20, GMM+24, GRGHM21, HLB+20, HES+23, HWSD25, KWC24, KTB+23, KHH+24, LE23, LK20, LRA+20, LBPL20, MLMI23, MAN+20, MSLM+24, MMMS23, MOD+25, NSS+23, NHGP23, NS20, NPK+23, NTHC23, Pas21, PRM+25, PEFW20, PKO+21, RPB+23, RSC+21, SBS+20, SE20a, SGP+20, SLB+20a, SGTS23, SGV25a, SLB20b, SPPC21, SRM+24, SML+20, TGRM23, TZC25, VMM+21, VSK+20, WHE+24a, WLL+25, WWP20, WXT+20, YLLL23, ZSS20, ZZL+25, dAWG23, vWVH20, AADHA+23, AMK21, AO25, Ale25, ADSvdZS25, Ano20-50, ACM24, BdSG+23, BPW+21, BRC+21, BdBG+21a, BdBG+21b, BRNOJ25]. **modelling** [BSB+24, BS20, CFL+22, CDNN+20, CEB+25, CSMP21, CN20, DTR+22, DIS23, DAGR25, DK22, DZBB24, DKM+21, DVPPMV+24, DWG22, DSHB23, FSY22, FDF+25, FLG+23, GMG+25, GDF22, GGS+22, GCS+21, HKB+20, Har25, HSP+22, HHT21, HK23, KFM+23, KWM+24, KWG+22b, Kiv24, Kos22, LBL+24, LG20, LS24, LQH24, LCX+25, LSG21, MSG21a, MSG23, MdO25, MSL+21, dSMPA+22, MAD+20, MDP21, MSS+25, MDB+20, MTW+22, MCMP+24, MFPIBGES23, MBP+25, MWB+24, MTT22, MFK+25, MAW+24a, MAW+24b, MSS24, MM21, NMC+20, NHB+25, OBFH22, PMMTF+24, PTRP23, PBS21, PWG25, PKKT+24, PMP+21, PGSL+20, RS23, RPG20, RHP+24, RFPRC23, RMS24, dSRDC+23, RGW+25, RLdM20, RAC+24, RMD+24a, RMD+24b, SCB+20, SRTS20, SVK20, SACEU+21, SCACB23, SWF21, SGA22, SC23, SL24, TFH+25, TMNA20, WG21, WWK+24, WA25, WGFS24, WT20]. **modelling** [YKZ+23, ZMS20, ZBS+25, ZJEG24, ZLL+23, vOVvdW23]. **Models** [ECC+22, Haa24, AHH22, AJ22, AZLPGE+24, AMP+23, AP25, ABB23, AS22, Ale25, ATP20, AFdSM23, AWW24, ALJ+22, ASKR24, ACFM22, ABW+25, BPF24, BM22b, BM22a, BLB24b, BSCH23, BMM22, BRNOJ25, BWSS21, BRSW24, BCM25, BLSR+20, BMG24, BG22, BVR+20, CLOFD+25, CSZY+20, CSBS21, CCJK+20, CWH+21, CDB+20, CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24c, CKC+25, DMG22, DAB+20, DRZ+24, DSP+25, EJ20, FNRP+25, FDSM20, Fou21, FHP+22, GVG+23, GSH+22, GBC+25b, GWH20, GML+20, GSM+20, GLK+22, GSMD24, HKH+23, Har25, HFSL+24, Ino22, IBB+21, IBB+22, Jag20, JJN22, JZJ+20, KWC24, KdRW25, Kle23, KKM+24, Koo24a, LL22, Laz23, LHF+25, LEC+23, LMB+25, LK24b, LDJ25, LPHO+20, LKO20, LSB+25, LAC+24, MLD+23, MKS21, MDBvdBB24, MB25a, MGK+23, MYACC22, Mas23, MBFS21, Mau24, MGF25]. **models**

[MMRBLN20, MVAD20, MBS22, MBD+22, NCB25, NGE+21, OTR+21, OHH+21, OMC+24, OCT+23, OHP+23, OW20, OKS+21, PGP+22, PRM+24, PWG25, Pie23, PAB+22, PFK+22, PRP+25, PTNR+20, RSS24, RSWS23, RSC+24, RMGNA25, RGH+25, RRCZ20, REGI+24, RPT21, RRFLV+22, SPM25, SdlP20, SVK20, SCF+24, SOV21, SKW23, SE22, STW+23, SKAB25, SBFBDM24, SFEE25, SSB22, SGRDA+24, SDP23, SBMG24, Ste20, TFH+25, TMFV22, TQM+24, TY25, TCG+20, TGL+22, Tur20, UBTB25, VC25, VDK+24, VRS20, WHE+24a, WHE+24b, WLV+25, WSM24, WSL+22, WTT+21, WBD+22b, WFD23, XS25, ZZŠ+22, ZFP21, dAdSCA20, RWZ+24].
modern [Ano20-49, JMD+25, SACE+20]. **modes** [BDC+22]. **modification** [LDJ25]. **Modified** [TLC+22, VK24, BPB+20, CMG20, LWZL23, NS20, SS25, YXY+20]. **modulate** [TRMB20, VBH20]. **module** [TGB+23]. **modules** [SWW+23, ZMF+20]. **moist** [KWP+23]. **moisture** [AJJ24, HKH+23, JMD+25, LCH+25, PRM+25, VMG+24]. **moment** [BLP20]. **Mongolia** [NWO21]. **Mongolian** [ZYM+21]. **moniliasis** [MPF+25]. **Monitoring** [GMS+25, JZJ+20, LL22, LYFY25, LM23, LGK+23, PAPRMALO25, PSZ20, REGI+24, SENJ+25, WDW+22, WrJP+22, Yao21]. **Monod** [WGAH22]. **monodon** [BAAN24]. **monoxide** [KKPR20]. **monsoon** [NDNN22, ZZL+25]. **montane** [ZLL+23]. **montdorensis** [TCG+20]. **Monte** [MB25b, PM22, SDH21]. **Monte-Carlo** [PM22, SDH21]. **monthly** [SZS+25, WHL+23]. **moose** [EBS23, KAMS22]. **moratorium** [WZ25]. **morhua** [JOE23]. **Moroccan** [RKN+21]. **Morocco** [JB22, ECC+22]. **morphology** [LYL+24a]. **morphotypes** [GSM+20]. **Morris** [PMZ+21, dGZHCA24]. **Mortality** [PSM22, AHK+25, BAAN24, CAK+23, CAK+24, CDC+22, GRGHM21, HHBF24, LPS+21, MCMP+24, MKR20, NTHC23, PCL24, PRP+25, SKPL24, LPS+21]. **MoSiR** [MTLC25]. **mosquito** [DBD+25, FGM+24, VMM+21, WRC21, WKL+21]. **mosquitoes** [BM22b, HLB+20, KWG+22a, NS20]. **most** [KDC+21]. **moth** [LGG+22, LB24, PVS+21, SBR20]. **Moths** [RBGB23]. **Motility** [SBMF23]. **motion** [RGB22, WLY+23]. **motivated** [PF23]. **Mountain** [BL25, MZX25, ACFM22, BP25, BGA+23, IBB+21, IBB+22, RCCBMCJ25, SFGB23, SKW23, SC23]. **mountainous** [ZLLZ24]. **Mountains** [WYBX23, ZZLF24, CWH+21]. **Movement** [MKS21, Pér24, ABB23, ABR24, Ano20-50, AJJ24, BLB24b, BTC+22, CDNN+20, CNNS+21, DDG+21, JSD+22, LDJ25, PBS21, TLL+23, TPD+24, WWF+23, WDP24, dKS22]. **Movement-based** [Pér24]. **movements** [BLP20, GMM+24, RMD+24a, RMD+24b, Sak23, STQ+22, SENJ+25]. **Moving** [LBN+22]. **MRIO** [XLM+23]. **MSY** [RLM23]. **much** [RMCCB24]. **mucilage** [DGS25]. **Multi** [BCW+23, BMB24b, MTBB22, NMS24, TRMB20, Ano20-50, AHO+20, BHH+25, BOLC+22, BGCJ21, BLAA25, BM21, CWH+21, CDA25, EL21, GLA+20, Gat21, GHB+25, HHBF24, HLM+20, HK23, IBB+21, IBB+22, JVGC21, JLZ+25, KFM+23, LS25, MP23, MTZA23, MPCG21, MSS24, NCB25, NGAM25, NWJ+22, NAM22, OMC+24, OSPZ22,

Pal24, PBS21, RMA+24, SRÁMH+20, SWP+23, SFEE25, VRS20, VSS+22, WLY+23, WFW+24, XLM+23, XHZ25, dSGAA25, USA21]. **multi-action** [SRÁMH+20]. **multi-agent** [WLY+23]. **multi-armed** [Gat21]. **multi-constraint** [NCB25]. **multi-criteria** [BLAA25, KFM+23, MSS24, dSGAA25]. **multi-decadal** [IBB+21, IBB+22]. **multi-dimensional** [Ano20-50]. **multi-domainal** [Ano20-50]. **multi-habitat** [BOLC+22]. **multi-host** [NWJ+22]. **multi-layer** [CDA25]. **multi-level** [VSS+22]. **multi-method** [Pal24]. **Multi-model** [MTBB22, SWP+23]. **Multi-objective** [BMB24b, NMS24, GHB+25, NAM22]. **multi-parcel** [OSPZ22]. **multi-pathogen** [LS25]. **multi-period** [dSGAA25]. **multi-population** [EL21]. **multi-region** [XLM+23]. **Multi-scale** [TRMB20, CWH+21, HLM+20, JLZ+25, PBS21, SFEE25]. **multi-scaled** [AHO+20]. **multi-scenario** [MP23, MTZA23, WFW+24]. **Multi-sectoral** [BCW+23]. **multi-sensor** [JVGC21]. **multi-source** [XHZ25]. **multi-species** [BGCJ21, BM21, MPCG21, NGAM25, VRS20]. **multi-state** [RMA+24]. **multi-stochastic** [BHH+25]. **multi-tier** [OMC+24]. **multi-trophic** [GLA+20, HK23]. **multi-year** [HHBF24]. **multiannual** [PMP+21]. **multicriteria** [CEB+24]. **Multidimensional** [MFH+22, SAL+22]. **multilayer** [HNC+21]. **multilocularis** [MMMS23]. **Multimedia** [WLQ+23]. **multimetric** [RCCBMCJ25]. **multimodal** [FCP+20]. **multimodel** [LLLZ21]. **multiparametric** [RCCBMCJ25]. **Multiple** [CDC+22, SGLK20, ABM20, AM21, AZBdAI23, CM21, DDL+20, GMS+25, GSJ+20, HCL+22, JHL23, LHF+25, LSK24, LPD+20, MBG+22, MGF25, MFF+24, MM21, WGMR23]. **multiple-objective** [WGMR23]. **multipurpose** [CXZ+23]. **Multiscale** [NCG+24]. **multispecies** [For20, XYZR21]. **multistability** [FPR+25]. **multistate** [SDP23]. **multitrait** [CP20]. **multitrophic** [MPT+25]. **Multivariate** [ZFC+23, MA25]. **municipal** [CAS+24]. **Mussel** [PKE+25, FDSM20, RRCZ20, SSB22, Vas23]. **mussels** [BDP+23, KWM+24, SLB20b, WSZ+24]. **mutualism** [AM21]. **mutualisms** [DAG+21]. **mutualistic** [BDC+22, LBL22, YL22]. **my** [LJRM+20]. **mycorrhizal** [MGHT20]. **mydas** [SMV+20]. **mystery** [GDC24].

N [AAR23, BGA22, GSR+23, GSRB22, ZBH+22]. **N-fixing** [GSRB22]. **Nacella** [GSM+20]. **Nærstad** [HEL+21]. **Nanjing** [LDZ21]. **nanoflagellates** [LBPL20]. **Naples** [SBF+21]. **Narragansett** [HML+22, LUV+23]. **Narran** [LHJ+24]. **Nash** [SACE+20]. **natal** [vdMvDSL20]. **National** [ECC+22, MZX25, SOV21, BST+20, EBH+25, KMS+25, PK23, PWN+24, PPH+21, MRM25]. **native** [DP20, FEP+25b, Ino22, KWM+24, KKF+23, MRR+20, dOPdMdS+21, SWL+23, SC23, SZKLL24, TGS+25]. **Natural** [Ano20-51, SMD+20, AVP+23, ASB25, BWCD23, BARF20, BDA+20, CDJ+22, CPAT20, DS24, GPN+23, KCS22, LRA+20, LGG+22, MSG+21b,

MPL+20, PRP+25, RFCEL22, RFPRC23, TBCV22, WG21, ZPZ+22]. **naturalisation** [RPARM20]. **nature** [Ano20-50, ASB25, BWCD23, CXZ+23, DYMD22, HPMB20, RGH+25, RLS+24, WZLC24, HPMB20]. **nature-based** [RGH+25, WZLC24]. **Navigating** [RSS24]. **navigation** [KdRW25]. **nearest** [PSZ20]. **nearest-neighbour** [PSZ20]. **nearshore** [PRM+24]. **necked** [KLPJ24]. **necrosis** [FKLH25]. **NEE** [Kiv24]. **NEE-overshoot** [Kiv24]. **need** [AAM+22, For24, MTS+20]. **neighborhood** [QS23]. **neighbour** [BLP20, PSZ20]. **neighbour-biased** [BLP20]. **Nemopilema** [XFK21]. **Neocloeon** [KFJS20]. **NEON** [MMM+24]. **neonate** [LHH+24]. **neonPlantEcology** [MMM+24]. **Neophocaena** [DZC+23a, DZC+23b]. **Neotropical** [KGBL24, PTBFP+20]. **Nepal** [AAAR23, AAAR24]. **Nesidiocoris** [GBC+25a]. **nest** [KBC24, VJK+23]. **nested** [WSL+22]. **nesting** [CRZ+23, GDC24, KBC24]. **net** [ASHK22, ACFM22, DP20, Hun25, RFdL+24, SCF+24, SMD+20, Yu20, ZCJ+20, RSB+23]. **Netherlands** [HSP+22, PRdN+20]. **NetLogo** [GBC+25b]. **Network** [CRF24, HHB+24, JVGC21, LLZM20, Abe20, BLB+20, CFC25, CB20, CDA25, CDNN+20, DPA21, FDSM20, GCS+21, GZK+20, Jor22, LSL20, LMW+23a, LLW+21, LCW25, LW23, MPC+22, MS20, MP23, PSG+22, PPSS22, dAPdBMT23, SRTS20, SZPW23, SZ20, SPV+20, WLL+24, WB24, XHS+24, ZWL+21, ZBl25, KKH+24]. **Networks** [ZBl25, BDC+22, BANG20, CCH20, CLZ25, DPA21, DSP+25, EOÖ21, FdKO21, Gon23, GML+20, GCMU23, HMDO20, HNC+21, JJJ+25, KMAA23, LBL22, PDW+24, SNM+23, SWW+23, WLWL23, WB24, XS25]. **Neural** [JVGC21, BLB+20, CCH20, CDA25, MS20, PSG+22, SNM+23, SZ20, XS25]. **neutral** [DAC+25, EON23]. **neutrality** [OCWL25]. **newly** [BGA22, SBR+25]. **Newman** [RFHR24]. **Next** [EHS+20, MKS21]. **next-generation** [MKS21]. **nexus** [BSB+24, DLZ+20, NMV+23]. **NFI** [PPH+21]. **Niche** [Kos22, ARSC22, BMS+20, BG22, CIL+20, CYP+20, Cor20, FSY22, Fou21, HLZ+22, JS22, LLZM20, MYACC22, MMRBLN20, ML25, PPL25, SBMF23, SACEU+21, SCACB23, TSdOCV21, WCF+22, ZFP21]. **Nile** [TGRM23, BGC+23, KWG+22a]. **Niño** [HSL+22]. **Niño/Southern** [HSL+22]. **Nitocra** [KD20]. **nitrate** [MKN23]. **nitrogen** [AKY+22, BCW+23, BH20, BGA22, CGZ24, CL24, DAGR25, DGVVP23, FSZ+20, FZS+20, GSR+23, KKP+21, LLLZ21, PGSL+20, RLdM20, SCG+24, SMM+22, Ste20, WZZF23, YG21, YZZF22, YDJ+24, ZMF+20, ZZWF21]. **Nitrous** [AAR23, ZMF+20, ZPZ+22]. **Nitrous-oxide** [AAR23]. **no** [DS23, Koo20b, CCH20]. **no-take** [DS23]. **NoBa** [SHF24]. **nobilis** [GRGHM21, HMGK20]. **noctiluca** [EWE20]. **noise** [HLXZ25, JSD+22, RCCLMGV22, SHF24]. **nomadic** [RRL+25]. **nominal** [PPSS22]. **nomurai** [XFK21]. **non** [AVP+23, CWH+21, Fer23, HI22, HSL+22, KKF+23, LOZT25, MOS21, PWN+24, RSC+24, RWZ+24, vWVH20]. **non-adaptive** [AVP+23].

non-attentional [vWVH20]. **non-eruptive** [Fer23]. **non-independent** [HI22]. **non-invadable** [MOS21]. **non-native** [KKF+23]. **non-representative** [CWH+21]. **non-stationarity** [HSL+22, PWN+24, RSC+24]. **non-stationary** [RWZ+24]. **non-timber** [LOZT25]. **Nonlinear** [Vas20, ZXK+24, KWC24, MLMI23]. **nonlocal** [SPM25]. **nonparametric** [RFPRC23]. **nonstationarity** [WA25]. **nonstationary** [CKK+24b, HYY+24]. **Nordic** [SHF24]. **Norfolk** [ZOJ+23]. **norm** [MGWG22]. **NORNE** [HGBK23]. **North** [SGTS21, SGTS23, BBCD23, BC25, CGC+25, NT23, PMB+22, PTNR+20, TBZ+22, WLV+25, YLL+25, ZBH+22]. **North-Western** [BBCD23]. **northeast** [CBG+22, DCCL24, LWL24, XLS20, DTD+23, JOE23, MSG+21b]. **Northeastern** [HLH+21, WLT+23]. **northern** [BGCJ21, LHF+25, Pow25, SLLW21, SBR+25, STW+23, ZBW+24, CFG+22, RSC+21, RSC+23]. **Northwest** [HCL+24]. **northwestern** [dTCGF+24, PAPRMALO25]. **Norway** [AHK+25, HEL+21]. **note** [AAAR24]. **Notice** [HWSD25]. **Novel** [LSG21, LGK+23, SSM24, BANG20, BMBB24, CAS+24, DDH+22, GXZ+24, ILLM20, II24, Jia21, Lef23, LSY+25, NHB+25, RCCBMCJ25, SBS+21, SQS+25, SRM+24, SM22b, TWL+22, WT20, ZHWZ23]. **November** [Ano20j, Ano20v, Ano21j, Ano21v, Ano22v, Ano23v, Ano24v]. **NPP** [SZS+25, XMWL23]. **Number** [CWF+21, HLS+23, WHE+24a, WHE+24b, WSM24]. **numbers** [CAB+21]. **Numerical** [DZBB24, GLP+25, IA23, AB21, Ano25n, CFL+22, Coo95, SZL+20]. **Nunavik** [DSHB23]. **nungara** [Fou21]. **nurseries** [LLB+23]. **nutrient** [AWW24, CR24, CSM23, FWK+20, GWD+23, HCPG20, RLS+24, TGRM23, Vas20, WCG+24, YXH20, ZZŠ+22, ZWZ+20]. **nutrient-deficient** [YXH20]. **nutrient-removal** [HCPG20]. **nutrients** [BH21, RKN+21, SSJC23]. **nutritional** [LBPL20]. **Nutritionally** [CAFT22].

O [AAR23, HKSM23, ZBH+22]. **Oak** [BLB+24a, BLB+25, LMB+25, BEH+25a, BEH+25b, EVT+21, NYH20, PGSL+20]. **oasis** [CWY+24, CJM+23]. **Obama** [Fou21]. **OBEC** [RFHR23]. **objective** [BMB24b, GHB+25, NMS24, NAM22, WGMR23, YA24]. **objectives** [DDL+20, GMS+25]. **observation** [CFL+22, SOV21]. **observations** [ACZ+21, LDX+23]. **observed** [BVR+20]. **obtained** [AAM+22]. **occupancy** [BBIP24, DL21, JJN22, SOV21, SDP23]. **occurrence** [BRSW24, RFCEL22, SSM24]. **occurrences** [BM22a]. **Ocean** [APGD+21, RRCZ20, ACZ+21, CBG+22, CSB22, KiAM+20, KPLH24, LHDBN20, LLC24b, MTL+23, NPK+23, OEF25, SL24, LHH+24, NT23, dSRDC+23]. **oceanic** [CGRR+24, KNP+21, WSFZ21]. **oceanography** [LHDBN20]. **oceans** [ZGG22]. **October** [Ano20k, Ano20w, Ano21k, Ano21w, Ano22w, Ano23w, Ano24w, Ano25v]. **ODD** [Gri20, GBC+25b]. **ODE** [RRSG21]. **ODE-based** [RRSG21]. **Odocoileus** [KS22]. **odontocetes** [RSC+23]. **Odum** [Abe25, Bro25]. **off**

[BAAN24, BBIP24, CSCT23, CP20, KiAM+20, NO24, NH25, Pér24]. **offers** [NCG+24]. **offs** [DSC+21, JHL23, PF23]. **offset** [BLB+24a, BLB+25]. **offsetting** [BSM23]. **offshore** [vOVvdW23]. **oil** [HMVR21]. **oiled** [WWA+22]. **Okeechobee** [JBB+25, JCM+25]. **Okhotsk** [PA20]. **old** [BWCD23, KCP+23, LDZ21, YA24]. **older** [JHKT+23]. **oleae** [PVS+21]. **olgensis** [XLS20]. **oligotrophic** [ZL24]. **Oliv** [ZWL+21]. **olive** [MPT+25, PVS+21]. **omnivorous** [JL23]. **Oncorhynchus** [BLLL21]. **One** [ACC+24, Coo95, PAS+22, DBK20, TCB21, Ano25n]. **One-dimensional** [Coo95, DBK20, Ano25n]. **only** [GWH20, JJN22, KRM+22, MBD+22]. **Ontario** [DMdR24, KAZ+25]. **ontogenetic** [mSzZK+21]. **open** [Bro25, LGA20, WLL+24]. **open-pit** [WLL+24]. **operating** [MM21]. **operation** [YYL+25]. **operational** [DLT+22, MVC+22, MPT+25, PM22]. **operationalise** [BRNOJ25]. **Operationalising** [DBDR22]. **Operationalizing** [Nug25]. **opinions** [WBD+22b]. **opportunistic** [EMH+22, TCB21, VMH+21]. **Opportunities** [PMMTF+24, AGS+21, AGS+22, HL23, LSG21, MKEH20, WGMR23]. **Optimal** [BPB+20, CC20, Fer23, BSU+23, DMPLHGL20, FH24, KLL+24, Kiv24, ŁJ21, RBMRR20, VBH20, YDLT24]. **Optimisation** [TLH+20, BMB24b]. **Optimising** [DDL+20, SQS+25, NND+22, NGAM25, RMGNA25]. **Optimization** [MTP+20, MTZA23, WCSX22, ZZQ23, BLAA25, CWW+23, DGVVP23, FCP+20, GHB+25, HBC+22, HYY+24, LWZL23, NMS24, RK20, WGMR23, WDW+22, XHS+24]. **Optimizing** [FEP25a, RSEK25, ESZ+23, NGE+21, YYL+25, RMCCB24]. **option** [KMH+21]. **options** [Haa24]. **orange** [HMLZ24]. **Orbicella** [LVM+22]. **orchard** [LBT+22]. **order** [CLHZ22, STK+25]. **ordinal** [PPSS22]. **ordinary** [Hu25, Wu24]. **organic** [AB21, CMSD+22, JLV+21, KBSS23, MAD+20, MLP+20, MPL+20, RFHR23]. **organism** [ME25]. **organisms** [FLG+23, Jia21, KKP+21]. **organization** [LMD+25a, YEL+21]. **organizational** [Jor22]. **organizing** [EL21, LCP+20, ZBl25]. **oriental** [LhNA+21, LhNA+22]. **orientalis** [LhNA+21, LhNA+22]. **oriented** [CM21, PTNR+20, TPD+24, WWK+24]. **origin** [DLZ+20, SGRDA+24]. **ORYZA** [GSR+23, LDX+23]. **ORYZA-N** [GSR+23]. **Oscillations** [HSL+22]. **OSMOSE** [XCZ+20]. **OSMOSE-JZB** [XCZ+20]. **other** [BAAN24, LJvdM24, MJS24, RBGB23]. **Oulujärvi** [KKH+24]. **our** [GCMU23]. **Outbreak** [HCW+22, BJKT21, DMG22, Gat20, GSC+23, LS25, PCL24, STRC24]. **outbreaks** [LDS+23, MAB23, cNKF24]. **outcome** [vDC20]. **outcomes** [MKS21, ZTD+25]. **outdoor** [BPF24, CCH20]. **outlook** [RTB+24]. **output** [COJ23, HFSL+24, HLM+20, XLM+23]. **outputs** [AVRC+20, CHR+23]. **over-commercialization** [STJ25]. **over-harvesting** [PBH22]. **overall** [OMP+23]. **Overcoming** [GSMD24]. **overfitting** [RSWS23]. **overhead** [LZSQ20]. **overprediction** [MVAD20]. **overshoot** [Kiv24]. **Overview** [HSD+21, RTB+24]. **ovigerous** [HBMR24]. **oviposition** [dAWG23]. **owls**

[CWH+21]. **oxidation** [KKPR20]. **oxide** [AAR23, ZMF+20, ZPZ+22]. **oxygen** [Ano25n, Coo95, FTH24, YFW+21]. **Oxynoemacheilus** [MA25]. **Oyashio** [CWZ+25]. **oyster** [DMPP24, GNH+24, HLS+23, SBWB24, YEL+21]. **oysters** [GNH+24, LLC+24a]. **ozone** [EOÖ21, WHW+23].

P [Mea20, Pas21, SDP21]. **Pacific** [HSL+22, NT23, BWS+20, dMFOM+20, GGMR20, KiAM+20]. **package** [ASB25, BSS+24, CC23, DAN+25, GSJC22, MMM+24, MS23, OSH+21, RPT21, SGPSzC22, Wu24]. **packages** [SCACB23]. **Paddlefish** [HWSD24, HWSD25]. **paddy** [GSR+23, HCX+21, LSY+25, SMM+22]. **page** [AGS+22]. **PAHs** [XWZ+22]. **paired** [dPGDdFS24]. **Pairwise** [SPV+21, MEPJ21]. **Pakistan** [SLY+21]. **palaeoclimate** [PMB+22]. **paleoecology** [Tra24]. **pallida** [KRMP23]. **palm** [DIS23, GSSC25]. **palms** [GSSC25]. **Pampas** [FGC24]. **Pan** [VRRI+24]. **Pan-Atlantic** [VRRI+24]. **panda** [DRZ+24, YDQ+23, HYY+24]. **pandemic** [EOÖ21]. **pandemics** [Laz23]. **Panjin** [LCW25]. **Panopea** [LCMB21]. **panther** [CB20]. **Pará** [MPF+25]. **paradigm** [AG22]. **paradox** [MYH+20]. **Parameter** [COPM23, FCL+25, CWW+23, EJ20, Haa24, LF25, LSB+25, Mat23, MTT22, PKE+25, TDI+20, TIKM24, UBTB25]. **Parameter-varying** [COPM23]. **Parameterisation** [RJY+20, RRCZ20, JPMA+23, MPL+20]. **parameterization** [FCP+20, KKPR20, NT23, PTG+20, SNM+23, FZS+20]. **parameterized** [CDJ+22, LAC+24]. **Parameterizing** [LZY25]. **parameters** [AS22, BGCJ21, CAK+23, CAK+24, HRW+24, HCX+21, JPL21, KAB23a, KD20, LAK20, LK24b, MDBvdBB24, MNMN25, MSLMM22, MLP+20, OMC+24, PDH+22, RNF25, SSM24, SC21, VN23, XCZ+20, YSIB24, dGZHCA24]. **Parametric** [AZAD+23, RFPRC23, RP22, WBD+22b]. **parasite** [EBMK20, GRGHM21, KE24, TA20]. **parasite-produced** [GRGHM21]. **parasites** [MMMS23]. **parasitic** [BPW+21]. **parasitism** [Hop23, MMC+21, Oku21, dFT+20]. **parasitoid** [BMRF21, Oku21, SE21, YKZ+23]. **parasitoids** [BRAL23, Hop23, MBR+23]. **parcel** [OSPZ22]. **Park** [MZX25, BBCD23]. **part** [SCF+24, MLP+20, MPL+20]. **parthenogenetic** [KFJS20]. **partial** [COPM23, FGM+24, VMM+21]. **partially** [SGV+24]. **participation** [ADSvdZS25]. **participatory** [RTSD+25]. **Particle** [GMG+25, LWE+22, RGB22, SJH+23, WSW23, WSZ+24]. **partitioning** [UGSG24, ZHWZ23]. **party** [PDW23]. **passage** [HWSD24, HWSD25, WbM+24]. **passive** [BVR+20, PDD+22]. **past** [AHK+25, BPL+20, CLW23]. **pastoral** [TBZ+22]. **Patagonia** [AM22, dTCGF+24]. **Patch** [CMRF+24, CDNN+20, FdKO21, LDYP25, LSL20]. **patches** [AKM22, BACS22, CAFT22, MS23]. **patchy** [FH24, LDYP25]. **path** [DFL+25]. **pathogen** [AV22, CGC+25, JC25, LS25, MB22, MGC24, SWL+23, VVLS25].

pathogenic [LKB+25]. **pathogens** [SBR+25]. **paths** [WCM+25]. **pathway** [GKW+25, vdHNH+20]. **pathways** [CDN+23, GM23, MBB20, ZRB+25]. **pattern** [ABZ22, CLHZ22, CGV22, FdKO21, FNA+25, FMRMAS24, HYY+24, HLM+20, Kag25, SLC+20, TPD+24, WZLC24, WWK+24, WLL+24, XD25, XMWL23, ZHJQ23, ZBW+24]. **pattern-formation** [FMRMAS24]. **pattern-oriented** [TPD+24, WWK+24]. **patterning** [LCP+20]. **patterns** [AAAR23, AAAR24, BCGR25, BLvG+25, CLPZ20, CDB+20, FHP+22, GCSlR22, JBB+25, LDR+20, LZF21, PKO+21, RMV+24, WZHP21, WWC+22, XD25, ZPZ+22, ZZW+22, ZLZ+24]. **Paying** [VBB+24]. **payment** [BGA+23]. **PCA** [LNK+21]. **PCA-SEM-ANN** [LNK+21]. **PCLakeS** [KRvW+25]. **PDP** [AA25]. **peak** [DFL+25, WF24, ZLZ+25]. **pear** [CLOFD+25]. **Pearl** [CL21, SWP+23]. **peatland** [BST+20, RPB+23, RGD20]. **Peatlands** [BWT+24, BST+20, MLMI23]. **pectinid** [LPRB+25]. **peculiarities** [SGRDA+24]. **pedestrianization** [ST24]. **pedology** [CM21]. **Pedunculate** [LMB+25]. **PEG** [EL21]. **Pelagia** [EWE20]. **pelagic** [ESZ+23, NT23, SLB+20a, SINS22, SZL+20, WLLW20]. **pelagicus** [RM20]. **Pelotas** [dMT23]. **Penaeus** [LGL+24]. **penguins** [Koo20a]. **Peninsula** [WBS+24, OWGRF25]. **per-capita** [SGA22]. **perceptive** [GLH24]. **perceptron** [CDA25]. **percolation** [HFP20, HFP22]. **percolation-based** [HFP22]. **perennial** [LGK+23]. **Performance** [KTB+21, LZL22, AHH22, ACM24, BP25, BSCH23, CMHZ23, CKC+24, CKC+25, ESZ+23, FNRP+25, GMG+25, GBC+25a, HBLC+25, KMP+23, NLW+24, PTBFP+20, RM20, RRFLV+22, SC24a, SM22b, VMH+21, VRS20, XCZ+20, dSGAA25]. **peri** [RBEC21, USA21]. **peri-urban** [RBEC21, USA21]. **period** [EOÖ21, LM23, dSGAA25]. **Periodic** [Kiv24, KK20]. **Periodic-case** [Kiv24]. **Periphyton** [HKH+20]. **Periyar** [POWS24]. **Permafrost** [YCZ+25, LCW+21]. **pernicious** [CEB+24]. **perpetuation** [MGF25]. **persistence** [BACS22, FdKO21, LSA+21, LJP+22, dGMCM+23]. **Persistent** [CCJK+20, LKO20, MLP+20, MPL+20]. **perspective** [CBW22, CN20, HBJ25, Jor22, LSL21, MDB+24a, MJdORPG23, SE20a, SE20b, SAdA+22, TIKM24, TZC25, WZLC24, WGFS24, ZZQ23]. **perspectives** [DGS25]. **perturbation** [GLP+25]. **perturbations** [CTL22, WA20, dGZHCA24]. **pest** [AA25, BPW+21, BJKT21, JBF22, JGM25, LRA+20, LSH24, MJdORPG23, NGE+21, NLMM23, PVS+21, PEFW20, PSM+21, RCSS20, SSM24, SRM+24, YKZ+23, MTT22]. **pesticide** [BSPT23a, BSPT23b, BSU+23, MJdORPG23, PEFW20, dVDC20]. **pesticides** [PDH+22]. **PESTIPOND** [BSPT23a, BSPT23b]. **pests** [PSM+21, WGK+21]. **petraea** [EVT+21, NYH20]. **petrels** [Koo20a]. **PEWI** [CVTS20a, CVTS20b]. **PG** [NLW+24, NYH20, SNM+23, XLS20]. **phase** [STK+25]. **Phasianus** [KLPJ24]. **pheasant** [KLPJ24]. **phenModel** [PGdAM+20]. **PhenoFlex** [KH25]. **Phenological** [CLOFD+25, KFJS20, CdCAC+20, GMV24, HCX+21, PKKT+24, PCL24]. **phenology** [DWZ+25, GXZ+24, LPHO+20, NYH20, OFH+20, PGdAM+20,

REGI+24, VSS+22, ZJX+25]. **phenology/voltinism** [PGdAM+20]. **phenomenological** [AZLPGE+24, HFP20, LZY25]. **phenomenological-based** [AZLPGE+24]. **phenomenology** [HFP22]. **phenotypic** [JDJV25]. **philippinarum** [CMGD+22]. **philopatry** [BR22, BR25]. **phosphate** [GSJ+22]. **Phosphorus** [ADR21, AKY+22, CGZ24, HSJ+20, PRM+24, RRP+23, SLB20b, SGH+23, WPL+23, YG21, ZWZ+20]. **photography** [KKW+21]. **photoperiod** [SBR20]. **photoperiod-driven** [SBR20]. **Photosynthesis** [RSB+23, KJH24, Mas23, Yu20]. **photosynthetic** [HKSM23, SGH+23, TSZ+24, VN23]. **photosynthetically** [FCT+25]. **Phragmites** [YXY+20]. **PHREEQC** [MTT22]. **phthalic** [WLQ+23]. **phylogenetic** [Lev25]. **phylogeny** [SPV+21]. **physical** [AZMD+22, CFC25, FMH+20, GGE+23]. **physical-biogeochemical** [GGE+23]. **physics** [GRS+20]. **physiognomies** [DDDC21]. **physiological** [DR25, DPC20, LLC+24a, RHP+24, RRSG21, TSZ+24]. **physiology** [vdMYvdW24]. **Phytomass** [CSM23]. **Phytophthora** [CGRGBGM25]. **Phytoplankton** [PA20, SLC+23, TSUY23, TMNA20, ACZ+21, CDJ+22, CGZ24, CMA23, HZ22, HMC20, LLC24b, MYH+20, MS20, MBFS21, OSH+21, RFCEL22, RKN+21, SINS22, Vas20, ZGG22]. **phytosanitary** [BAR24]. **Picea** [BG22, ZJX+25]. **pigeons** [LS25]. **pigmentation** [OSH+21]. **Pinctada** [SLYL+20]. **pine** [BdSG+23, BAZ22, BL25, EVT+21, JLH+21, ML20, SLHB+23, SWL+23, SC23, SGRDA+24, WLT+23]. **pine-hardwood** [JLH+21]. **pink** [JZJ+20]. **pink-footed** [JZJ+20]. **Pinna** [GRGHM21, HMGK20]. **pinniped** [WWP20]. **Pinus** [EVT+21, HCX+25]. **pioneering** [Ano20-49]. **pisha** [ZLZ+24]. **pit** [WLL+24]. **Pityogenes** [OFH+20]. **pivotal** [ZLZ+25]. **place** [CNNS+21, GMA+25]. **placement** [LBT+22]. **plague** [RWS+21]. **Plains** [ZFT20]. **planarian** [Fou21]. **Plankton** [YLL+25, EL21, GWD+23, MSML21, PCK+22, RUTY23]. **plankton-fish** [RUTY23]. **planktonic** [MPPM23, MBS22]. **planned** [TY25]. **Planning** [MTP+20, CL21, DLT+22, EBH+25, MTZA23, NMV+23, RHN+25, RBLS23, SRÁMH+20, SACE+20, ZWZ+24]. **Plant** [LOZT25, LM21, RMK21, TK20a, WXT+20, dGMCM+23, AADHA+23, CGB+23, CWF+21, CSM23, CEB+24, DAG+21, ERP21, GLP+25, HLW+20, HHT21, Hop23, JBF22, KKP+21, KJH24, LSA+21, MMM+24, MGHT20, MGC24, MPCG21, MPA+24, PSG+22, PWG25, PAPŁ+23, PMP+21, QZSV21, RRP+23, SVK20, SBR+25, TGL+22, VPV21, VDK+24, WLWL23, WMA21, WTT+21, WCF+22, YL22, YLS+21, ZMS20]. **plant-animal** [WMA21]. **Plant-host** [dGMCM+23]. **plant-pest** [JBF22]. **plant-pollinator** [YL22]. **Plant-Water** [WXT+20]. **plantation** [HKSM23, LYM+23, MSG+21b]. **plantations** [BdSG+23, BEH+25a, BEH+25b, DCCL24, GSSC25, NLW+24, SGRDA+24, XLS20]. **planted** [WXH+22]. **planthopper** [NDNN22]. **planting** [MRR+20, TBZ+22]. **plants** [KKF+23, LC20, LZL22, MT23, Mas23, TSZ+24]. **Plastic** [NO24]. **plasticity** [JRD+22, JDJV25]. **plastics** [NO23]. **Plateau** [APGD+21, SZL+21,

TGL+22, YLLL23, WCG+24, YJC+24, ALS+21, HCL+24, LWL24, SZC+25, WXT+20, YCZ+25, ZPZ+22, ZJX+25, ZYM+21, ZBl25]. **platform** [GDF22]. **plausibility** [FNRP+25]. **plausible** [Koo20b]. **play** [AARS23]. **plays** [MSG21a]. **Pleuroncodes** [BAAN24]. **plots** [ACD+24]. **plume** [CMFC23]. **pluralistic** [MSG23]. **PM** [NSS+23, SBF+21]. **poaching** [NMC+20]. **point** [GSH+22, LJRM+20, MYACC22, MDB24b, SBMG24]. **points** [RMGNA25, WSM24]. **Poland** [ZA20]. **polar** [CLW23, LGC+25]. **polder** [YG21]. **poleward** [LK20]. **policies** [CL21, DWG22, Fer23, ZWZ+24]. **policy** [ADSvdZS25, ZRB+25]. **pollination** [CAFT22, CSCT23, JSL+20, PTRP23, PDGB21, SJA+22, SPV+20, SPV+21]. **pollinator** [RMCCB24, WLWL23, YL22]. **pollinator-dependent** [RMCCB24]. **pollinator-plant-consumer** [WLWL23]. **pollinators** [RMK21]. **pollutants** [MLP+20, MPL+20]. **polluting** [DGVVP23]. **pollution** [BH21, DBK20, HLXZ25, Hu25, KHS+23, MSD25, YLL+25, ZZZD22]. **polyactis** [RJY+20]. **polychaete** [GLA+20]. **polychlorinated** [PKW+25, YLL+25]. **polycyclic** [ZYZ22]. **Polynesia** [RMV+24]. **Pommerening** [Mea20]. **pond** [YFW+21]. **ponds** [BSPT23a, BSPT23b, BGR20, FEP25a, NBML21]. **Pontederia** [XGT+24]. **pool** [CM21]. **pooling** [PSG+22]. **pools** [SGP+20]. **poor** [AMP+23]. **Pop** [HBMR24, BMB24b]. **Pop-up** [HBMR24]. **poplar** [CSZY+20]. **Population** [dTCGF+24, HKY25, MMC+21, TTPA21, VVH+20, XFK21, YKZ+23, AVP+23, AHSH+25, APGD+21, BOLC+22, BMM22, BC25, CMGD+22, CCJK+20, CLH23, CP20, CAB+21, Dav22, DKM+21, DBD+25, DRZ+24, EL21, EKY25, EVHS21, FCFCM24, Fer23, FC21, GCB+22, Gia25, GZ23, HKG+24, Hop23, JLLS23, JZJ+20, JASW23, KAMS22, KRM+22, KLA+20, Koo24a, KLNMG22, LP22, LSH24, LHL22, LSK24, LGA+21, LKO20, LSG21, LGK+23, LCMB21, MDBvdBB24, MSML24, Mau24, MCB+23, NS20, NGA+20, NGE+21, NLMM23, NBMD21, Oku21, OCT+23, PDH+22, PSM22, PSG21, RCCLMGV22, RUTY23, RNF25, RRL+25, REGI+24, RMA+24, SH25, SE21, SE22, STW+23, SDP23, SLC+20, SBR20, TK20a, TRMB20, Uch23, VSK+20, VVLS25, WZWF20, WGAH22, WLZ+23a, WZ25, WAG25, WLSJ24, WFD23, Yao21, dGMCM+23]. **population-level** [SH25]. **populations** [APF21, BGS+20, BMB24b, CRZ+23, CZZW25, COPM23, CMRF+24, FSZ+20, FZS+20, GSJ+20, JGM25, KdRW25, KS22, KK20, KHH+22, KHH+24, KLPJ24, LSA+21, LBI+20, LGA+21, MSD25, MGC24, OSH+21, PEFW20, RM20, RCSS20, RRB+25, SDD+20, SRM+24, STK+25, SLB+23, SdMF+25, SMS+24, WGH+25, dVDC20, vdMYvdW24]. **porewater** [ZRMW+20]. **porosity** [IA23]. **porpoise** [DZC+23a, DZC+23b, HSF+20, WSL+22]. **portfolio** [SACE+20]. **portraying** [RGB22]. **position** [LM23, MS25]. **positions** [Sak23]. **positive** [DMG22, WLWL23, ZWZ+20]. **possible** [CSMP21, LLZM20, MSG21a, PR21]. **post** [DWH+21, OHP+23, UM25, vdMvDSL20, GGMR20]. **post-ENSO**

[GGMR20]. **post-exposure** [DWH+21]. **post-fire** [OHP+23]. **post-natal** [vdMvDSL20]. **post-smolt** [UM25]. **postfire** [LM23]. **potato** [DTR+22, DGVVP23, HEL+21, KBSS23, TBZ+22, OHH+21]. **Potential** [DTR+22, HCW+22, KJH24, LhNA+21, MRR+20, AFdSM23, ASB25, BGC+23, BS20, BWCD23, CNSK21, CAS+24, CN20, DCT+21, DTD+23, DL21, FM24, GLA+20, HHR+25, LUV+23, LLC+24a, LDXJ22, MEGA21, MTBB22, MGC24, MLV24, NA22, PK23, PMMTF+24, PDGB21, PPL25, RMO22, SD24, SBFBDM24, YCK20, vOVvdW23, LhNA+22]. **potentially** [PAPŁ+23]. **Power** [KLS20, AO25, UGSG24]. **Power-law** [KLS20]. **Poyang** [HSF+20, MFH+22]. **Practice** [Ano20-51, BM22b, LSG21, WGFS24, ZJEG24]. **practices** [BRNOJ25, BAR24, BCMV20, GMG+25, LS24, MBP+25, MWB+24, SCC+25, TLC+22, TCS21, YLLL23]. **Prays** [PVS+21]. **pre** [LDC+20]. **pre-processing** [LDC+20]. **Precipitation** [WXT+20, LM21, LWL24]. **precision** [KKF+23, YHC+21]. **precocial** [CC20]. **Predation** [dKS22, BACS22, BAAN24, CKC20, LK20, MAN+20, SM22a, VVH+20, YXF25, vWVH20]. **predator** [dSCdA21, For25, GBC+25a, HLGF24, KKH+24, LF25, MAN+20, MF20, MMMS23, OEF25, PHK23, RRL+25, SPM25, SGP+20, SQDM21, TCG+20, WAG25, dAdSCA20]. **predator-prey** [For25, GBC+25a, MMMS23, OEF25]. **predators** [BSE21, MCMP+24, MPT+25, PBH22]. **predatory** [TCG+20]. **predict** [AE22, ACM24, BdCCdSAdS23, BC25, CdCAC+20, CYP+20, Cor20, DVVH21, FDH+25, FEPR24, GCB+22, JPL21, Jia21, KBC24, KLNMG22, MAGR+22, RFCEL22]. **Predictability** [BH20, LS25]. **predictable** [DEMJ24]. **predicted** [FS22]. **Predicting** [AADHA+23, DMPP24, FGC24, FHP+22, GBC+25a, HKB+20, HSJ+20, HMDO20, KH25, LLC+24a, LVM+22, dSMPA+22, NA22, REGI+24, SDD+20, SCF+24, SMM+22, VVH+20, WJ24, WSN+21, ZBS+25, vdMvDSL20, FG21, KTB+21, LWE+22, MKS21, STQ+22, Ste20, SPV+21, VJK+23, XHZ25, ZLL+23]. **prediction** [CMSD+22, CDA25, FNA+25, GWH20, Haa24, JGM25, LJP+22, LLLZ21, LDX+23, LNK+21, dRMJdS23, SZ20, SWP+23, WWZ+25, WCM+25, WrJP+22, XZZ+22, XS25]. **predictions** [ABC+22, BZM+25, EVHS21, FH24, For20, HKY24, HRW+24, Hun25, JJN22, JMD+25, LBL+24, RGH+25, vSS24]. **predictive** [CKC+24, CKC+25, EJ20, JLH+21, KMP+23, RRFLV+22, SC24a, TDI+20, VRS20, YCI20, vSS24]. **predicts** [GNH+24, WWA+22]. **predominantly** [KHR23, PR23]. **preference** [DZC+23a, DZC+23b]. **Preferences** [BBCD23, BAM23, DDL+20, PTNR+20, VRS20]. **preferential** [AFG24]. **PRELES** [KWP+23]. **Preparing** [MAB23, MMM+24]. **Presence** [GWH20, CIL+20, GNH+24, HBP+21, JJN22, KRM+22, SPM25, WSM24]. **presence-background** [WSM24]. **Presence-only** [GWH20, JJN22, KRM+22]. **present** [XGT+24]. **Preservation** [DS21]. **preserving** [AM22]. **pressure** [DSC+21, GJC+20]. **prevalence** [GWH20, MSG23, MDT+23, OWGRF25, TFH+25]. **prevent** [GRCSA+20].

prevention [BJKT21, GZK+20]. **prey** [BSE21, CLH23, dSCdA21, For25, GBC+25a, HLGF24, LF25, LDYP25, MAN+20, MF20, MMMS23, NPK+23, OEF25, PHK23, RRL+25, SPM25, SGP+20, SQDM21, SWL+23, TCG+20, WAG25, dKS22, dAdSCA20]. **prey-predator** [SGP+20]. **price** [CLY+23, FGC24, UGSG24]. **primary** [DP20, GAC+21, GLK+22, GZD+23, HMC20, HCX+21, Hun25, KUK+21, KWP+23, MS20, MBFS21, RZY+25, RFdL+24, SDP21, SZC+25, TSUY23, Yu20, ZCJ+20, ZZLF24]. **principle** [HCL+22]. **principles** [BPN+20]. **prion** [MOD+25]. **prior** [BWS+20, TTPA21, VRS20]. **prior3D** [DAN+25]. **priori** [HLGF24]. **prioritization** [DAN+25, HPMB20]. **prioritize** [CEB+24]. **prioritizing** [MS23, RBLS23]. **Priority** [PAS+22, JC25]. **private** [SMMT25]. **PRNP** [MOD+25]. **pro** [TY25]. **pro-environmental** [TY25]. **probabilistic** [DBH+22]. **probabilities** [DMM+23]. **probability** [LDS+23, MDT+23]. **probability-** [MDT+23]. **problem** [CEB+24, LKO20, FSZ+20]. **problems** [CCJK+20, LCLG20, PAS+22, RMS24, TK20b]. **procedure** [EJ20, KLL+24, PEFW20]. **procedures** [FHP+22]. **Process** [Por21, AZAD+23, Ale25, BdSG+23, CAK+24, DAGR25, DVPPMV+24, FKLH25, GSH+22, HSJ+20, HEL+21, HGBK23, HBRK24, HCPG20, KTB+21, LJRM+20, LCW+21, MYACC22, MDB+24a, MPCG21, NWO21, NO23, OKS+21, PTNR+20, QYW+25, SGV25a, SGV25b, SOZ+25, TQM+24, TSUY23, TPD+24, VC25, VSS+22, WGK+21, ZPZ+22, ZJX+25]. **process-based** [Ale25, BdSG+23, CAK+24, DAGR25, HEL+21, HGBK23, HBRK24, HCPG20, KTB+21, LCW+21, MPCG21, NWO21, NO23, OKS+21, QYW+25, SOZ+25, TSUY23, VSS+22, ZPZ+22]. **process-explicit** [TPD+24, VC25]. **process-guided** [HSJ+20]. **process-oriented** [PTNR+20]. **Processes** [YHC+21, AJG22a, AJG22b, EL21, FFM+23, FHP+22, HKY24, JLL+24, LCW+21, MTW+22, MM21, NTHC23, QZSV21, SHT21, TRMB20, Tsy22, WTT+21, ZZG+24]. **processing** [LDC+20]. **produce** [NAM22]. **produced** [GRGHM21]. **producer** [KWG+22b]. **producer-grazer** [KWG+22b]. **produces** [Sak23]. **Production** [LUV+23, TLH+20, ZZQ23, vdMYvdW24, AAM+22, AAC20, BLLL21, BLAA25, CMKF22, CDN+23, CMHZ23, DTR+22, DP20, ESCA22, EGAS23, FEP25a, GSR+23, GLK+22, HMC20, HMLZ24, HCX+21, KUK+21, LYM+23, MTS+20, MS20, MBFS21, MEGA21, MGdM+20, MDGA25, NGA+24, NBMD21, OZSU22, PAdS+24, RMCCB24, SH25, SLY+21, SMD+20, SDP21, SOZ+25, TBP+23, TSUY23, TMM25, TKO+22, WGMR23, XLS20, ZP25, ZBH+22, vOVvdW23]. **production-crop** [LYM+23]. **Production-Living-Ecological** [ZZQ23]. **Productivity** [LB21, SGRDA+24, CGRR+24, CSM23, GZD+23, HCP+20, Hun25, KDH+21, KWP+23, MPA+24, NYH20, QS23, WHW+23, RZY+25, RFdL+24, SE20a, SE20b, SHT21, SZC+25, TSUY23, TMM25, WLT+23, YSIB24, Yu20, ZCJ+20, ZZLF24]. **Productivity-environment** [SGRDA+24]. **Products** [MZX25, ACZ+21, LOZT25, MLV24, MTLC25, TIKM24]. **profile** [cLJ25]. **profiles** [EMH+22]. **profiling** [MGK+23]. **profit** [GHB+25]. **profitability**

[TMM25]. **profits** [SQS+25]. **ProForM** [SFGB23]. **program** [HSD+21]. **Programming** [BM21, BHH+25, NMV+23, NAM22, SRÁMH+20]. **programs** [JZJ+20, LCX+25]. **progress** [RTB+24, WZZF23, ZZWF21]. **project** [DBV+22, XZZ+22]. **Projected** [ZFT20]. **Projecting** [EBH+25, SLLW21, YPS+21, APF21, MKB+24]. **projection** [CP20, KK20, PSBE23, PFK+22, TK20a, ZLLZ24, ZXK+24]. **Projections** [KNP+21, ACC+24, RMGNA25, TTPA21]. **projects** [DYW+22]. **prolifera** [SRB+20]. **promote** [LGG+22]. **promotes** [AM21, BLG+25, ZP25, ZL24]. **Promoting** [LYM+23, HL23, Yao21, BCMV20]. **prone** [ABRG21, dTCGF+24, KT22, SD24]. **Proof** [BRBT22]. **Proof-of-concept** [BRBT22]. **propagation** [KWG+23]. **propagules** [LBB20]. **properties** [AZLPGE+24, IA23, JRD+22]. **proposal** [RFHR23]. **Prorocentrum** [SGH+23]. **prospect** [DLZ+20]. **prospective** [BH21]. **protected** [AADHA+23, GMS+23, MSS+25, PWN+24, SvV21]. **protection** [HWS+23, SFGB23, ZYK22]. **protocol** [Gri20, GBC+25b, LSB+25, PAB+22]. **protocols** [MWB+24]. **protozoa** [JZS+21]. **protracted** [LSK24]. **provide** [HBMR24, JMD+25, Woo24]. **provides** [MAW+24a, MAW+24b]. **providing** [Mau24]. **Province** [AAM+22, CZY+25, KHS+23, LZSQ20, MDB+20, MZX25, QYYA25, WLL+25, ENARM+23, WWZ+25, ZSS21, ZLML20]. **provincial** [DL25, PK23, SLY+21, ZLZ+25]. **provincial-scale** [SLY+21]. **provision** [MEGA21]. **provisioning** [PTRP23]. **pseudo** [BMG24]. **pseudo-absences** [BMG24]. **pseudoharengus** [NGA+20]. **PSR** [RS23]. **pteropods** [EV22]. **pubescens** [BP25]. **public** [CZY+25, CVTS20a, CVTS20b]. **published** [PWG25]. **Publishing** [Mea20, Pas21]. **Puget** [PKW+25]. **pullout** [JZHT23]. **pulses** [MB22]. **Puma** [CB20]. **purposes** [Har25]. **PVA** [LBGD21]. **pyNET** [WB24]. **pyric** [WGBW25]. **Pyrus** [CLOFD+25]. **Python** [LQH24]. **Python-based** [LQH24].

Q [MBMV20]. **Qazvin** [DYMD22]. **Qilian** [MZX25]. **Qinghai** [ALS+21, LWL24, SZC+25, YCZ+25, Yu20, YJC+24, ZPZ+22, ZJX+25]. **Qinling** [WYBX23]. **Qinzhou** [HLS+23]. **QtAC** [SGPSzC22]. **Quagga** [PKE+25]. **qualitative** [FDSM20, HKB+20, RBEC21, ZBW+24]. **qualitatively** [CLPZ20]. **quality** [BZZT22, BM22b, BLLL21, BAM23, CC23, nCLpW+23, CRP+25a, ELS23, EMH+22, GNH+24, HCP+20, JBB+25, JCM+25, KLNMG22, LZF+24, LSY+25, LYFY25, MSL+21, MPA+24, PBO+25, PRM+24, Pie23, SBF+21, SC21, VMH+21]. **Quantification** [HLW+20, AZALP+24]. **quantify** [DYW+22, Jia21, TBP+23, WWF+23]. **Quantifying** [AG22, HCPG20, KBSS23, LSH24, LGA+21, OMP+23, RSWS23, SMP20, SGA22, TQM+24, TKO+22, FCT+25, PAS23, PRdN+20, SRB+20]. **Quantile** [ASB25]. **Quantitative** [Ino22, vdHNH+20, CAH22, For20, HLGF24, PSW22]. **quantitatively** [CLPZ20]. **quantities** [LCMB21]. **quantization** [MBS22]. **Quanzhou**

[LZL23]. **quaxnat** [ASB25]. **Quebec** [MTBB22, RPB+23]. **Quercus** [EVT+21, MZW+25, NYH20]. **questing** [GMV24]. **questions** [JTH24]. **quick** [Tur20]. **quick-start** [Tur20]. **quo** [MWB+24]. **QWASI** [WLQ+23].

R [ASB25, BSS+24, CC23, DAN+25, GSJC22, MMM+24, MS23, MB25b, OSH+21, SGPSzC22, SCACB23, Wu24]. **R-package** [SGPSzC22]. **Rabies** [TLL+23]. **raceway** [FEP25a]. **Radial** [LMB+25, ZJX+25]. **radiation** [DWH+21, FCT+25, VSK+20, YXH20, ZL24]. **radionuclide** [SS25]. **rafts** [HLS+23]. **raid** [POWS24]. **rain** [ZBS+25]. **rainfall** [dSBDH23, FS22]. **rainfed** [TKO+22]. **rainforest** [AHO+20]. **ramp** [NPS+23]. **Random** [CKC+25, KAB23a, PDD+22, SOV21, ABB23, AP22, BMB24a, DMG22, DMM+23, MLL20, MZW+25, CKC+24]. **randomized** [BCPV25]. **randomly** [TK20a]. **range** [BP25, FMRMAS24, KKW+21, LK20, RBLS23, VBB+24]. **range-wide** [RBLS23]. **rangeland** [CPAT20, FS22, RS23]. **rangelands** [AJG22a, AJG22b, WGBW25]. **ranging** [DGSM21, TBM+24]. **ranked** [PPSS22]. **ranking** [EJ20, ILLM20, PMZ+21]. **Raoiella** [AFdSM23]. **RAP** [HHR+25]. **raphidophytes** [SIOM24]. **rapid** [CLZ25, YZZF22, ZGG22]. **raptor** [NCG+24, STQ+22]. **rare** [DTD+23, JLZ+25, TTPA21]. **rate** [CYP+20, Cor20, DGVVP23, DP20, JLLS23, KN20, LK24a, PTF23, SE20a, SE20b, XJW21]. **rates** [APF21, BC25, CDT+23, HFP22, II24, JST+22, JDJV25, KABL21, RWF22, RRL+25]. **ratio** [LLC24b, MGWG22, WZWF20, ZFC+23]. **ration** [DMPLHGL20]. **rational** [GSC+23]. **ratios** [CDJ+22]. **ray** [ZL24]. **RCP** [UCM+25]. **Re** [SdlP20, AG22, FM24, KKH+24]. **re-analysis** [AG22]. **re-establishment** [FM24, KKH+24]. **re-introduction** [FM24]. **Re-scaling** [SdlP20]. **reaches** [XMWL23]. **reaction** [FMRMAS24, MGWG22, RBEH21]. **Reactive** [YDJ+24, ZZWF21]. **reading** [RFHR24]. **Real** [RMS24, VMG+24, BCPV25, LJP+22, MDB24b, PAS+22, RNF25, RGB22, SJA+22]. **Real-time** [VMG+24, LJP+22]. **real-world** [BCPV25, MDB24b]. **realism** [KHH+22, KHH+24]. **realistic** [JMD+25, PCK+22]. **Realities** [Por21]. **really** [KHR23]. **realm** [TFH+25]. **reanalysis** [CBG+22]. **recapture** [DMM+23]. **recharged** [WLQ+23]. **Rechna** [AIA+23]. **reclaimed** [WLQ+23]. **Recommendations** [WGH+25, BM22b, EMH+22, HSD+21]. **Recommended** [GMG+25]. **recomposition** [NH25]. **Reconciling** [MGdM+20]. **Reconsiderations** [GSRB22]. **Reconsidering** [UGSG24]. **Reconstructing** [SLB+23, ZZW+22]. **reconversion** [BGA+23]. **Recovery** [HHI+22, GCB+22, GCS+21, MHP+23, SWL+23]. **recreation** [BPF24, GCS+21]. **recreational** [WBW+20]. **recruit** [WGH+25]. **recruitment** [AJ22, KMS+25, PYD+21a, PYD+21b, PPL25]. **recycling** [AWW24]. **Red** [MSG21a, VSK+20, BG22, GSSC25, MVC+22]. **Reddening** [VPK25]. **reduce** [CAB+21, CDC+22, GNH+24, Koo24a]. **reduced** [BSS+24, VRW+21]. **reduced-impact** [BSS+24]. **reduces** [BLG+25, ZLV25]. **Reducing** [TBZ+22, DGVVP23]. **reduction** [Che21, CAK+23, DFL+25, HWS+23, MKR20, Pre22]. **reductions** [MSD25].

reed [SGV25a, SGV25b, YXY+20]. **reef** [GGMR20, SBWB24, XHZH24, YEL+21, ABR24, BACJ25]. **reefs** [CN20, DLY+22, MAB23]. **reference** [CSM23]. **refining** [CB20]. **reflect** [TLC+22]. **Reflections** [WG21]. **reforestation** [SAL+22]. **Reformulation** [RCSS20]. **refuge** [SPM25]. **refugia** [BLG+25]. **regarding** [RFHR23, VRS20]. **regeneration** [ASB25, BLB+24a, BLB+25, BEH+25a, BEH+25b, HBRK24, QZSV21]. **regime** [GWD+23, LDXJ22, MDB24b, WCG+24]. **regimes** [AADHA+23, AACCIS20, LM21]. **Region** [BHH+25, PAPRMALO25, AZMD+22, BS20, EGAS23, FGC24, GLP+25, LZF+24, LZF21, LW23, MOG+25, MEGA21, dRMJdS23, NO24, PZH+21, SD24, SM22b, TLH+20, WFW+24, XLM+23, Yu20, ZLLZ24, COS23, SLLW21]. **Regional** [Pow25, UM25, ZBl25, BLL+23, DL25, ERP21, KMH+21, KTB+21, OZSU22, RMV+24, RFCEL22, WYBX23, WKL+21, ZA20]. **regions** [AMK21, BMB24a, BCMV20, CDN+23, GVG+23, GSR+23, GLK+22, HBJ25, LZF+24, LMW+23a, MPSS24, NWO21, WFW+24]. **regression** [ASB25, JPL21, YCI20]. **regrowth** [ACD+24]. **Regular** [SLC+20]. **regulated** [BS21]. **regulates** [SLC+20]. **regulating** [GMS+23]. **regulation** [BMB21, RGB22, SBF+21]. **regulations** [PGB+20]. **reinforcement** [SZL+21, WLY+23]. **reinforcements** [MSD25]. **reintroductions** [MSD25]. **relascope** [PSW22]. **related** [CGRGBGM25, Kos22, LE23, LJvdM24, LPRB+25, MKB+24, SdMF+25, TKO+22, WTT+21, YSIB24, ZZŠ+22]. **related-decline** [CGRGBGM25]. **relation** [LJvdM24]. **relationship** [CLPZ20, CLY+23, LZL23, LK24b, MZLRSZ21, MS25, WLWL23, ZJX+25, dMT23]. **relationships** [CKK+24a, CKK+24b, Vas20, WLL+24]. **Relative** [EL21, KdRW25, QZSV21, SDP23, WBD+22b]. **relay** [DDH+22]. **release** [HLB+20, Lov24, ZWZ+20]. **relevance** [BMG24, Fer23]. **relevant** [GCSlR22, MDBvdBB24]. **reliability** [dGZHCA24]. **relictus** [ILLM20]. **reload** [GRS+20]. **remnant** [GMS+23]. **remote** [AMP+23, ACFM22, DIS23, HGBK23, HMDO20, ILLM20, KCHZ21, Lia23, SNP+23]. **removal** [HKH+20, HCPG20, NSS+23, RGD+22, SBF+21, XHZ25]. **renewable** [HWS+23]. **renewal** [LDZ21]. **reoligotrophication** [KUK+21]. **repeat** [KKW+21]. **replace** [Ale25, AAM+22]. **replacement** [SIOM24]. **replicate** [GBC+25b]. **Report** [PKB+23]. **reporting** [BST+20, DLT+22]. **represent** [GSMD24]. **representation** [ASKR24, KBAC20, SDSP+21, WGK+21]. **representative** [CWH+21, WLL+25]. **Representing** [BA20]. **reproducible** [LGA20]. **reproduction** [APF21, DMPP24, DWH+21, KGBL24, KK20, MSG21a, MSG23, RTH+21, SGLK20, SMV+20, TBP+23, WHE+24a, WHE+24b, WWW25]. **require** [BM22a, Pér24]. **required** [SKAB25, Woo24]. **requirements** [KH25, KKM+24, MA25]. **requires** [HBLC+25, PCK+22, YL22]. **Research** [LYL+24a, MZX25, WWZ+25, WZZF23, ZZWF21, ZLZ+25, AP25, BZZT22, DK22, Fat21, LWZL23, MMM+24, MS23, SGB+24a, WWK+24, ZJEG24]. **reserve** [CTL22, GMS+23, WST+23]. **reserves** [DS23]. **Reservoir**

[XWX+24, YLL+25, AC25, BdCCdSAdS23, DAQ20, MKN23, WLD+25, ZMG+21, LYZ+24]. **reservoirs** [SC21, SZ20, Ste20]. **residencies** [BVR+20]. **resident** [MGHT20, MS25, LDJ25]. **residential** [IA23]. **residents** [YZZF22]. **residue** [TGB+23]. **residues** [DCT+21, MEGA21]. **Resilience** [KMAA23, DBDR22, HSP+22, JLZ+25, JST+22, JJJ+25, JRD+22, Mur24, OCWL25, RS23, RLM23, RGRMRR20, SLC+23, SKPL24, SBM+22]. **resistance** [BSU+23, BL25, Hop23, JJJ+25, LB24, LSH24, LCW25, WXH+22, WLL+24, dVDC20]. **resolution** [AMP+23, ACZ+21, BRC+21, BBIP24, CJM+23, CDB+20, DNM+24, ESZ+23, GNH+24, LBGD21, RSB+23, RMS24]. **resolutions** [ATP20]. **resolved** [CGRR+24, DMGP20]. **resolves** [HES+20, HES+23]. **Resource** [AWW24, LL22, YA24, AP25, BAAN24, CBSB23, GLH24, HLW+20, KN20, LdSG+25, Lia23, PF23, RK20, RLS+24, TPD+24, TK20b, WGAH22]. **Resource-based** [AWW24, WGAH22]. **resource-use** [AP25]. **Resources** [Ano20-51, BNAR+21, CSM23, CDNN+20, RK20, WOOS24, XHZH24, ZA20]. **Respiration** [RSB+23, AG22, Ano25n, Coo95, TDI+20, WZT+25]. **respond** [RLdM20]. **responding** [LCP+20]. **Response** [BPL+20, MSD25, NBU+23, Por21, RFHR24, SZC+25, YCK20, BS21, BA20, BMBB24, BMG24, FTH24, GSJ+22, GGE+23, HSL+22, JOE23, LAK+23, LE23, ME25, ML25, OHR+23, PR22, RGB22, SQDM21, TRMB20, VMMEM25, YLL+25, ZFT20, ZZŠ+22, dAdSCA20]. **Responses** [RHP+24, Che22, FWK+20, HBLC+25, KWC24, LJP+22, ME25, OEC24, Pow25, RCCBMCJ25, SNN24, SRK+20, WZLC24, WSN+21]. **resprout** [ABRG21]. **resting** [ZP25]. **restoration** [BHH+25, HYY+24, LLC+24a, LVM+22, QXZ+25, ZRMW+20, ZTD+25]. **restore** [YA24]. **restored** [CWF+21, WCF+22]. **restoring** [OHP+23, SDD+20]. **RESTREND** [ZYM+21]. **RESTREND-based** [ZYM+21]. **result** [RFHR24, SWL+23]. **resulting** [SAdA+22, ZOJ+23]. **Results** [MKR20, KCHZ21, ZFT20]. **retention** [Ste20, TGRM23]. **Retraction** [AAAR24, HWSD25]. **retrospective** [LM23]. **return** [EKY25, HKY25]. **reused** [MGF25]. **reveal** [CTL22, PR21, RSC+24]. **Revealed** [BBCD23, EL21, TSUY23]. **reveals** [CP20, KMS+25, SPV+20, SBR20, TLL+23, VM25, WGMR23]. **reverse** [CLHZ22]. **reverting** [LCX+25]. **Review** [FLG+23, WYJ+22, ABM20, BZZT22, CNMS25, DRZ+24, KAB23a, Laz23, MMRBLN20, MFK+25, OKS+21, PNB+25, PWG25, dSRDC+23, SDH21, TY25, TGL+22, WGAH22]. **reviews** [Fat21]. **revised** [PTG+20]. **Revisiting** [Jag20, MPL+20, RRFLV+22]. **Revolutionising** [ABKA24]. **rewilding** [NCB25]. **rheophilic** [LWE+22]. **rheophilic-spawning** [LWE+22]. **Rhode** [LUV+23]. **Rican** [AHO+20]. **Rice** [PSG+22, BMAME+23, ENARM+23, GSR+23, HCX+21, MVC+22, NDNN22, SMM+22, TKO+22]. **rich** [CAFT22, SM22a]. **richness** [GWZ+25, Hun25, MAGR+22, VPV21, YB22]. **ricinus** [WBD+22b]. **RIDL** [NS20]. **ridley** [SPB+24]. **Riera** [NBU+23]. **Rift** [DBD+25]. **right** [WHdBB21]. **rights** [nCLpW+23]. **Rim** [YD20]. **ring**

[KLPJ24]. **ring-necked** [KLPJ24]. **ringed** [KLR+24]. **riparian** [PPL25]. **rise** [PR22]. **rising** [Pow25]. **risk** [AAAR23, AAAR24, BRSW24, CB20, CGRGBGM25, CDC+22, For24, FLG+23, GZK+20, HP20, HEL+21, JOE23, JC25, LBI+20, LYZ+24, LDS+23, LLW+21, MDBvdBB24, MPF+25, MPT+25, Oku21, PKKT+24, RSEK25, TLL+23, TCB21, WLQ+23, WWZ+25, ZLV25]. **River** [BSB+24, CWY+24, CL21, DZC+23a, DZC+23b, HHP+25, JASW23, MHSZ25, MA25, MP23, SWP+23, TGRM23, WLZ+23a, ZTD+25, ZGMFESD23, BS21, BSP+25, CFL+22, Hu25, JJJ+25, KWM+24, KSJ22, LDC+20, RBLS23, SRTS20, SD24, XHS+24, Yao21, BH21, nCLpW+23, GJC+20, JHL23, MBB20, TLH+20, WAG25, XZZ+22, XMWL23]. **riverine** [CSBS21, DAGR25, JASW23, LBI+20, MBG+22, OLM+24]. **rivers** [KWM+24, LWE+22, LEC+23, RCCBMCJ25, SJH+23]. **rivulatus** [SZKLL24]. **Road** [LMW+23a]. **roadmap** [RFHR24]. **roads** [JMD+25, WJ24]. **roam** [HHR+25]. **robur** [EVT+21]. **Robust** [DTD+23]. **robusta** [KTB+21]. **Robustness** [LSL20, LBL22, MP23]. **rock** [DHY+25]. **rocks** [BLG+25]. **rocky** [SBS+20, CWH+21]. **rocky-shore** [SBS+20]. **rodent** [KWC24, VVLS25]. **rodents** [Fer23]. **rohita** [DAA+25]. **role** [BDC+22, DvDA24, FSY22, HLN+25, JSL+20, KMS+25, LTR+24, LKB+25, MSG21a, PSM+21, SRTS20, TA20]. **roles** [EL21, LZY25, RSC+21]. **Romagna** [MEGA21]. **roof** [KBC24]. **roofs** [MKR20]. **rookeries** [LHH+24]. **room** [HHR+25]. **root** [AG22, GLP+25, HFP20, HFP22, JZHT23, JMC+22, LYL+24a, PMP+21, SZL+21, WB24, YLS+21]. **root-grafted** [WB24]. **root-soil** [HFP20, HFP22]. **roots** [YSIB24]. **rostriformis** [PKE+25]. **rotation** [GAMN+23, XLS20]. **Rothamsted** [JLV+21]. **roughness** [HLS+23]. **route** [KTB+23]. **routes** [NPS+23, PTD+23, SGV+24, UM25]. **row** [PBO+25]. **Royale** [LF25]. **Rpath** [LGA20, WA20]. **RS** [SD24]. **rubens** [BG22]. **Ruditapes** [CMGD+22, LJvdM24]. **rule** [KLL+24, RLH24]. **rule-based** [KLL+24]. **ruminant** [MDB+20]. **run** [BLLL21]. **running** [SS25]. **runoff** [BSB+24, LSY+25, NA22]. **rural** [CNSK21, GSSC25, HCPG20, JLLS23, MFPIBGES23, YZZF22]. **Russia** [SCF+24]. **rust** [CGB+23]. **Rwanda** [GVG+23]. **RWQSPad** [LSY+25].

S [CDJ+22, FSZ+20, FZS+20, KMP+23, COS23]. **Sable** [HBP+21]. **Saccharina** [VLGG+20]. **Sacramento** [BLLL21]. **sacrorum** [SZL+21]. **safe** [DP20]. **safeguarding** [XCH+21]. **safety** [KJH24]. **sage** [OHP+23]. **sage-grouse** [OHP+23]. **saira** [KiAM+20]. **sal** [KWP+23]. **salamanders** [CGC+25]. **Salicornia** [PAPŁ+23]. **salinity** [LYC+21, PRM+25, TSBE23, YSFX23, ZRMW+20]. **Salish** [KNP+21]. **salmon** [BLLL21, HP20, MBB20, UM25, WDW+22]. **Salmonellosis** [TIKM24]. **salmonid** [MM21]. **salmonids** [MM21, SJH+23]. **salpa** [SZKLL24]. **salt** [ZZG+24]. **saltmarshes** [PRM+25]. **sample** [GWH20, MDT+23]. **sampled** [MGK+23]. **samples** [BBIP24, JM22, RGD+22]. **Sampling** [PSW22, SKAB25, AFG24, CWH+21,

MDT+23, RSC+24, RAC+24, SENJ+25, VPV21]. **sanctioning** [LL22]. **sand** [SWF21]. **sandstone** [ZLZ+24]. **Sanggou** [FMH+20]. **sapidus** [CMFC23]. **sapling** [BP25]. **saplings** [BLB+24a, BLB+25]. **sardine** [HMVR21, PYD+21a, PYD+21b]. **Sardinella** [HMVR21, PYD+21a, PYD+21b]. **Sarpa** [SZKLL24]. **SARS** [CYP+20, Cor20]. **SARS-CoV-2** [CYP+20, Cor20]. **satellite** [CSZY+20, HBMR24, QYW+25]. **saturation** [dSCdA21]. **saury** [KiAM+20]. **savanna** [ABRG21, DDG+21, DDDC21, MMdP+21, dRMJdS23, SFEE25, YCK20]. **savannahs** [MTW+22]. **savannas** [SKPL24, WMA21]. **saved** [SCH+21]. **Scale** [BHC22, YB22, AJ22, BCGR25, BLG+25, BLL+23, CBW22, CLPZ20, CSM23, CXZ+23, CWH+21, CYP+20, Cor20, CKK+24c, FWK+20, FFM+23, GMM+24, HBP+21, HAZEF23, HLM+20, JLZ+25, JC25, JSD+22, KTB+23, KKF+23, Kos22, KTB+21, LSY+25, LYFY25, MZW+25, MAGR+22, MBG+22, PWN+24, PDGB21, PBS21, PMP+21, PCK+22, STQ+22, SdlP20, SLY+21, SKW23, SFEE25, TLL+23, TRMB20, VPV21]. **Scale-dependent** [BHC22, YB22, PWN+24]. **scaled** [AHO+20]. **scales** [ATP20, BAR20, DKM+21, KMH+21, LMD+25a, MKS21, MM21, OZSU22, PTRP23, RLM23, SZS+25]. **scaling** [SdlP20, XJW21]. **Scaphirhynchus** [WAG25]. **scarce** [GSRB22, LCH+25, MJ24]. **scarcity** [DYMD22, RSASP22]. **scavenger** [KHR23, PR23]. **Scavengers** [PR21]. **scenario** [DSC+21, MP23, MTZA23, WFW+24]. **scenario-based** [DSC+21]. **Scenarios** [UCM+25, ACD+24, BOLC+22, CGRGBGM25, CEB+25, ELM+25, FGC24, JHL23, MTBB22, MSS24, SBM+22, SMV+20]. **scene** [TWL+22]. **scheme** [VPV21]. **schemes** [BJKT21, OEC24]. **Schichaa** [TCG+20]. **school** [dKS22]. **schooling** [WLY+23, dKS22]. **science** [BRNOJ25, DK22, EMH+22, JMM+20, KRM+22, LJRM+20, VMH+21, ZJEG24]. **scope** [OHP+23, YYS+22]. **scorch** [FKLH25]. **Scotland** [CKK+24a]. **Scots** [ML20, SGRDA+24]. **Scottish** [CKC+24, CKK+24c, CKC+25]. **screening** [PMZ+21, dGZHCA24]. **scrofa** [KT22]. **scyphozoan** [YXF25]. **SDM** [LJRM+20, MGK+23]. **SDMs** [FDH+25, MDT+23]. **Sea** [RSC+21, RSC+23, SRB+20, AJ22, APGD+21, CRZ+23, EVHS21, GMM+24, GGMR20, LHH+24, II24, LHDBN20, LBB20, MM21, PTD+23, PR22, RM20, SPB+24, UM25, WBW+20, WBD+22a, YXF25, BNN20, DGS25, EWE20, GSJ+20, KNP+21, LGC+25, NHGP23, OCT+23, PA20, PTNR+20, SGTS21, SGTS23, SPW+25, SRK+20, SZKLL24, VM25, WZ25]. **seabass** [DHW+20]. **seabird** [ARSC22]. **seabream** [DTD+23]. **seagrass** [LTR+24, MAW+24a, MAW+24b, PR22]. **seagrasses** [VN23]. **seal** [KLR+24]. **seam** [GLP+25]. **Seamlessly** [LZW20]. **Searching** [BWSS21, CBSB23]. **Seas** [SHF24]. **SEAS5** [NLMM23]. **Seaside** [HBP+21]. **season** [DZC+23a, DZC+23b, HGBK23, LZD+24]. **Seasonal** [FNA+25, NLMM23, ZWZ+20, BMB21, BSP+25, DMdR24, HMVR21, HKSM23, JBB+25, KABL21, MAW+24a, MAW+24b, SSM24, SIOM24,

STW+23, WHL+23, XYZR21, ZS20]. **Seasonality** [MPPM23, NWJ+22, MMC+21]. **seasonally** [SFFL25]. **seasons** [CRZ+23, GDC24]. **seaweed** [FMH+20, LUV+23, WT20, vOVvdW23]. **seaweeds** [vOVvdW23]. **second** [STK+25]. **second-order** [STK+25]. **secondary** [CGV22, WLL+25]. **section** [LDC+20, MHSZ25, XHS+24]. **sectional** [RAC+24]. **Sector** [XLM+23]. **sectoral** [BCW+23]. **security** [GHbS21, HYY+24, LPA+21, LYL+24b, WZLC24, ZHJQ23, ZHC23]. **Sediment** [KAZ+25, HKH+20, LCLG20, NA22, SBMF23, TGRM23, WPL+23, WSZ+24, ZWZ+20]. **sediment-inhabiting** [SBMF23]. **sediment-water** [WPL+23]. **sedimentation** [WSZ+24]. **Seed** [LKO20, CGV22, WSW23, ZBS+25]. **seedling** [PPL25]. **SEEMS** [CXZ+23]. **segregation** [Kos22]. **Segura** [ZGMFESD23]. **SEIB** [VK24]. **SEIB-DGVM** [VK24]. **SEIR** [BGC+23]. **SEIR-Metapopulation** [BGC+23]. **select** [VPV21]. **selected** [dSGAA25]. **Selecting** [BMM22]. **Selection** [BS20, DVPPMV+24, HWJ+25, KBC24, LDYP25, LJ21, MA25, OEC24, PWN+24, SC24a, SM20, SBMG24, WWF+23, WT20, dVDC20, vSS24]. **Selective** [ZGG22, BSS+24, BACS22, BdBG+21a, BdBG+21b, NK23, WZ25]. **Self** [LHL22, AVP+23, BLAA25, EL21, GSH+22, KBAC20, LCP+20, PF23, YEL+21, ZBl25]. **self-compatibility** [AVP+23]. **self-exciting** [GSH+22]. **self-fouling** [PF23]. **Self-healing** [LHL22]. **self-organization** [YEL+21]. **self-organizing** [EL21, LCP+20, ZBl25]. **self-shading** [KBAC20]. **self-sufficiency** [BLAA25]. **SEM** [BPF24, LNK+21]. **semantic** [PTRP23]. **semelparous** [TK20a]. **Semi** [AZMD+22, BGA22, FS22, GLP+25, KWP+23, LHJ+24, LCH+25, MPSS24, NWO21, PAdS+24, WFW+24]. **semi-arid** [FS22, GLP+25, LHJ+24, LCH+25, MPSS24, NWO21, PAdS+24, WFW+24]. **semi-mechanistic** [BGA22]. **semiarid** [PGSL+20]. **Senecio** [dTCGF+24]. **sensing** [AMP+23, ACFM22, DIS23, HGBK23, ILLM20, LDR+20, Lia23, SNP+23]. **sensitive** [DN24, GWH20, PMB+22, SBMG24]. **Sensitivity** [CGVC21, FEPR24, HLH+21, MLP+20, OFH+20, OLM+24, PMZ+21, RGB+23, SC21, WSHZ24, WXT+20, WLT+23, YSIB24, vDC20, BGCJ21, BLSR+20, DMdR24, FCL+25, GRGV25, Haa24, HRW+24, HEL+21, LSB+25, Mat23, PFM+21, RS23, TGB+23, TK20b, WA20, XHS+24, dGZHCA24]. **sensor** [JVGC21]. **sensors** [HKH+23]. **Sentinel** [CSZY+20]. **Sentinel-2** [CSZY+20]. **Separating** [GSH+22]. **September** [Ano20l, Ano20x, Ano21l, Ano21x, MAW+24a, Ano22x, Ano23x, Ano24x, Ano25w]. **Sequential** [SDH21, WST+23]. **sequestration** [MTBB22, RMO22, SCF+24, WZLC24]. **series** [DMG22, LCP+20, QYW+25, RWZ+24]. **service** [CVTS20a, CVTS20b, GZW+20, JSL+20, MEGA21, MTZA23, PTRP23, PDGB21, WWZ+25, ZTD+25]. **Services** [UCM+25, ABM20, BGA+23, BDA+20, CAFT22, CL21, CLY+23, ELM+25, GMS+23, GHB+25, GSA24, JHL23, LL21, LZL23, LPD+20, NMS24, PDW+24, PGP+22, PRdN+20, QXZ+25, SJA+22, SGV25a, SGV25b, WFW+24, XCH+21, YPS+21, ZHC23]. **services-based** [PDW+24]. **sessile** [NYH20]. **set**

[LBT+22, MDB24b, SPW+25]. **sets** [BS20]. **setting** [Hun25]. **settlement** [BCGR25, SC24b]. **several** [GLK+22]. **severity** [AB21, PCL24]. **sewage** [LZL22]. **sex** [MSML24, MGWG22, WZWF20]. **sexual** [MSG21a, MSG23]. **sexualization** [MGWG22]. **Shaanxi** [LZSQ20]. **shad** [PSBE23]. **shading** [GZW+20, KBAC20]. **shallow** [GLP+25, LYL+24a, WPL+23, WCG+24, YXY+20]. **Shandong** [LGL+24]. **Shanxi** [MHSZ25]. **shape** [CIL+20]. **shape-constrained** [CIL+20]. **shaped** [LPL22a, dKS22]. **shared** [SWL+23]. **sharing** [ZL24]. **shark** [KCHZ21]. **shawi** [ZMG+21]. **shedding** [MOD+25]. **sheep** [DGSM21, TMM25]. **shelf** [SPB+24, PTG+20]. **shell** [LJvdM24]. **shelled** [EV22]. **shellfish** [GMM20, LUV+23, LPRB+25, PGB+20]. **shift** [LhNA+21, LhNA+22, LDXJ22, MDB24b, VBB+24, WCG+24, dGMCM+23]. **shifting** [HBRK24, MTLC25]. **shifts** [LVM+22, NHGP23]. **shikokuense** [SGH+23]. **shocks** [JST+22]. **shore** [SBS+20]. **shoreline** [MSL+21]. **short** [BP21, EVHS21, JvVvHH24, LCP+20, LGK+23, SZ20]. **short-lived** [LGK+23]. **short-term** [EVHS21, JvVvHH24]. **short-time** [LCP+20]. **should** [RAB21]. **shows** [GGMR20, SG20]. **shrimp** [DAGR25, dMFOM+20, LGL+24, RWF22]. **shrub** [ALS+21, dTCGF+24]. **shrub-meadow** [ALS+21]. **Siberia** [GHK23]. **Sichuan** [HCL+24]. **sickness** [Gat20]. **SIF** [FCT+25, YYS+22]. **SIF-based** [FCT+25]. **Siganus** [SZKLL24]. **sightings** [WWP20]. **sigmoidal** [PCN+23]. **sign** [WSFZ21]. **signal** [GSH+22]. **significantly** [CAFT22, QXZ+25]. **silico** [PNGESS21, dFT+20, FCFCM24, PSM+21]. **silver** [SKW23]. **silviculture** [ASB25]. **SIMANFOR** [BOVVM25]. **similar** [ML20]. **simple** [JMHH22, MM21, TDI+20]. **simplicity** [RSS24]. **simplification** [AIA+23]. **simplified** [Jag20]. **Simplifying** [CGVC21]. **SIMREG** [PPH+21]. **simulate** [BSS+24, DDH+22, DBN+22, EHS+20, KLH+24, LPHO+20, LCH+25, MPCG21, PPH+21, PKW+25, RMD+24a, RMD+24b, TGB+23, TPD+24]. **Simulated** [HHZB24, SMV+20, AP22, GSSC25, JDJV25, KKH+24, LVM+22, LCW+21, WHL+23, WSHZ24, YYS+22]. **Simulating** [ADR21, BGC+24, CGRR+24, CWW+23, EVT+21, FTH24, HBLC+25, HWSD24, HWSD25, KDH+21, KS22, LDYP25, LMD+25b, LMW+23b, PBS21, SSJC23, SJH+23, WGK+21, WCG+24, YLS+21, ZRB+25, ZCW+25, AMK21, ACD+24, CXZ+23, EON23, FCL+25, JLL+24, LPS+21, SCG+23, TGL+22, ZZG+24]. **Simulation** [ACM24, ASL+20, JLLS23, LZW20, SNP+23, TSZ+24, ZBH+22, ZZLF24, AXMJ22, BLB+24a, BLB+25, BSR21, CM21, CLG20, DPA21, DPC20, DWZ+25, FZS+20, GDF22, GLP+25, JHKT+23, LKP+20, LP22, LZF+24, LL25, LSY+25, LDX+23, LWL24, MP23, MTZA23, MTT22, NGA+20, OHH+21, OHP+23, PAPRMALO25, SFGB23, SG20, SZS+25, TBCV22, TMM25, TSBE23, Tur20, VK24, WWC+22, WXX+23, WbM+24, WMA21, WFW+24, ZLLZ24, ZL24, ZHWZ23, ZLZ+24, dPGDdFS24]. **simulation-based** [DPA21]. **Simulations** [FH24, LPL22b, PMB+22, BRNOJ25, DMGP20, GGE+23, KHH+22, KHH+24, PR21, RSB+23, RRCZ20, SMS+24, WA20]. **simulator**

[CXZ+23, KWG+22a]. **simultaneous** [MTT22, RMK21]. **simultaneously** [GSJ+20]. **sinensis** [ZWL+21]. **Singapore** [FNA+25]. **single** [GAM20, PRP+25, RCCLMGV22]. **single-species** [PRP+25]. **sink** [BWT+24]. **sinusoidal** [LPL22a]. **sinusoidal-shaped** [LPL22a]. **Sio** [COS23]. **Sio-Malaba-Malakisi** [COS23]. **SIR** [Laz23]. **Sistan** [EGAS23]. **Site** [MAW+24a, MAW+24b, DCCL24, EVHS21, FFM+23, KBC24, NND+22, STW+23, WT20]. **Site-level** [MAW+24a, MAW+24b, STW+23]. **site-scale** [FFM+23]. **sites** [PAPŁ+23, WLZ+23a, WWP20, ZTD+25]. **six** [CDN+23]. **size** [BGCJ21, CMAG+25, DMPLHGL20, DCCL24, HES+20, HES+23, KAMS22, LP22, LLC24b, MBS22, NK23, PNB+25, PAS+22, PSZ20, RLH24, RGD+22, RMA+24, WZHP21, XYZR21, ZZŠ+22]. **size-selective** [NK23]. **size-spectrum** [HES+20, HES+23]. **size-structured** [MBS22, XYZR21]. **sizes** [HH23, RNF25]. **sketches** [LLZM20]. **skill** [HFSL+24]. **Skudai** [BH21]. **slope** [ETAAH21, SZL+21]. **slopes** [LYL+24a, ZLZ+24]. **slow** [LM21]. **small** [APF21, CSM23, CXZ+23, CSMP21, GMM+24, RSC+24, RJY+20, SLB+20a]. **small-scale** [CSM23, CXZ+23, GMM+24]. **smallholder** [ASKR24]. **smallmouth** [LBI+20]. **smart** [CMSD+22]. **smarter** [BCW+23]. **smolt** [UM25]. **smolts** [WDW+22]. **snail** [YKZ+23]. **Snow** [BSB+24, PWN+24, OCT+23]. **SnowDens** [LGC+25]. **SnowDens-3D** [LGC+25]. **snowdrift** [LGC+25]. **Sobol** [LAC+24]. **Sociability** [BSR21]. **Social** [MFPIBGES23, ADSvdZS25, ASKR24, AAC20, BGS+20, BRNOJ25, BAM23, CRP+25b, GCS+21, KS22, LDYP25, LCM24, Nug25, PAS23, PBO+25, PHL20, RSS24, RTH+21, SMMT25, WAHA+24]. **Social-ecological** [MFPIBGES23, ADSvdZS25, BAM23, Nug25, PHL20, RSS24]. **Socio** [CXZ+23, DS21, LPD+20, OBFH22, PPJN25, BAR24, GM23, KLH+24, LCM24, PG23, RBEC21, TZC25, WG21, WGBW25, WW24, ZJEG24, ZGMFESD23]. **Socio-Ecological** [DS21, LPD+20, OBFH22, KLH+24, LCM24, RBEC21, TZC25, WG21, WGBW25, WW24, ZGMFESD23]. **Socio-econ-ecosystem** [CXZ+23]. **socio-ecosystem** [BAR24]. **Socio-Environmental** [PPJN25, PG23, WG21, ZJEG24]. **socio-MFA** [GM23]. **soda** [PAPŁ+23]. **sodicity** [TSBE23]. **soft** [vdHNH+20]. **soft-bottom** [vdHNH+20]. **software** [LS24]. **Soil** [TK20b, AMK21, AB21, AO25, Ano25n, AKY+22, BMAME+23, BMS+20, CM21, Coo95, DCT+21, DPA21, ETAAH21, HKH+23, HGBK23, HFP20, HFP22, JMPB24, JMD+25, KKP+21, LLLZ21, LCW+21, LSS+21, LCH+25, LLW+21, LMW+23b, MSG+21b, MTT22, NAR+25, PRM+25, PAPŁ+23, PSM+21, RGD20, TLC+22, TDI+20, TGL+22, YG21, YLLL23, ZRMW+20, ZLZ+24]. **soil-dwelling** [PSM+21]. **soil-plant** [PAPŁ+23, TGL+22]. **soils** [KLL+24, LYL+24a, SMM+22, XWZ+22, YDJ+24]. **Solander** [MTL+23]. **solar** [SOZ+25, YYS+22]. **solar-induced** [SOZ+25, YYS+22]. **sole** [MLP+20, MPL+20]. **Solea** [MLP+20, MPL+20]. **solid** [CAS+24, IA23]. **solution** [CEB+24, JVGC21, JASW23, Mas23, NND+22, NGAM25, RGH+25, SACE+20]. **solutions** [Ano25n, ABW+25, Coo95, MTT22, WZLC24]. **solving** [MYH+20]. **somatic** [KABL21]. **some** [MAW+24a, MAW+24b].

sophisticated [KHH+22, KHH+24]. **Sound** [PKW+25]. **source** [CMRF+24, ELS23, GJC+20, LGA20, XHZ25, ZZZD22, ZBl25]. **sources** [DBK20, HWS+23, LHF+25, PSM+21]. **souring** [MKN23]. **South** [MDB+20, ARSC22, CRZ+23]. **southeastern** [SLHB+23]. **Southern** [APGD+21, HSL+22, LCW+21, NLW+24, PTNR+20, BARF20, GSA24, LDJ25, RMD+24a, RMD+24b, SWW+25, SGTS21, SGTS23]. **Southwest** [DHY+25, LZL22, ZHJQ23]. **southwestern** [YA24, dSRDC+23]. **soybean** [dSBDH23, Hop23, LdSG+25, RFdL+24]. **soybean-maize** [dSBDH23]. **sp** [KDC+21]. **Space** [RWS+21, TLH+20, ABB23, BMG24, DDG+21, EVHS21, HHFB23, KMH+21, LMD+25a, MM21, VMG+24, ZS20]. **spaces** [GZW+20]. **Spain** [ZGMFESD23]. **Sparrow** [HBP+21]. **sparse** [AMK21]. **Spatial** [BLP20, CCH20, LGG+22, LW23, MHSZ25, RS23, RMD+24a, RMD+24b, Sak23, SACE+20, WHdBB21, WZHP21, AO25, AAAR23, AAAR24, ATP20, ACD+24, BLG+25, BRC+21, BRSW24, BBIP24, BSM23, BLvG+25, CLY+23, CJM+23, CSM23, CLZ25, CMRF+24, CLG20, DIS23, DMM+23, EON23, ESZ+23, FTH24, GSA24, GWZ+25, GWH20, GZK+20, HSL+22, JBB+25, KBC24, LGFT+20, LDR+20, LZL23, LQH24, MA25, MKR20, MLJ+23, MSLM+24, MMRBLN20, NHGP23, NL20, OCT+23, PEFW20, PSZ20, RHN+25, RMS24, RAB21, RRFLV+22, RWS+21, SRTS20, SC24b, TWL+22, XD25, ZZQ23, dMT23, dGMCM+23, dAdSCA20]. **spatial-explicit** [LQH24]. **Spatial-moment** [BLP20]. **Spatial-temporal** [MHSZ25, EON23]. **Spatially** [ABZ22, GCB+22, PWG25, SOV21, VM25, ASTR+25, AE22, BSU+23, BSR21, BR22, BR25, CAB+21, DMM+23, DDG+21, GRCSA+20, JMM+20, JSL+20, KS22, KWG+23, MAW+24a, MAW+24b, PRdN+20, SLHB+23, SJA+22, SKAB25, WBW+20, WBD+22a]. **Spatially-explicit** [GCB+22, ASTR+25, DDG+21, KWG+23, MAW+24a, MAW+24b, WBD+22a]. **spatio** [GSJ+20, JJJ+25, LRA+20, NWO21, NO23, ZHWZ23]. **spatio-temporal** [GSJ+20, JJJ+25, LRA+20, NWO21, NO23, ZHWZ23]. **Spatiotemporal** [CL21, LYL+24b, ZSS21, ZPL+25, DNM+24, DMGP20, DAC+25, JLZ+25, LKB+25, SBS+21, WWC+22, YD20, ZPZ+22]. **spawner** [WGH+25]. **spawner-recruit** [WGH+25]. **spawning** [BCPV25, DSHB23, KAZ+25, LWE+22, LSK24, WLZ+23a]. **special** [CSM23, LSG21, Men22]. **specialist** [ZBS+25]. **specialized** [CKK+25]. **Speciation** [FAC22]. **specie** [ILLM20, ML25, ZLL+23]. **Species** [BM22b, BM22a, CLPZ20, EMH+22, GWZ+25, HHI+22, HPMB20, dSRDC+23, AHH22, AMP+23, AM21, AFdSM23, ALJ+22, AARS23, BOLC+22, BAAN24, BSCH23, BGCJ21, BS20, BWSS21, BBIP24, BM21, BMG24, CSBS21, CWF+21, CNSK21, CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24b, CKC+25, CKK+25, DTD+23, DSP+25, EBH+25, EVT+21, FSY22, FNRP+25, For20, FG21, GGS+22, GWH20, HHZB24, HLZ+22, HBRK24, HFSL+24, HLH+21, HNC+21, Hun25, Ino22, JLH+21, JL23, JMM+20, JHKT+23, JJJ+25, KWC24, KABL21, KLL+24, LJvdM24, LHF+25, LYZ+24, cLJ25, LDXJ22, MSG23, MdO25, MSS+25, MB25a, MGK+23, MRR+20, MAGR+22, MMRBLN20, MVAD20, LPRB+25, MPCG21,

MBD+22, NGAM25, NL20, NTHC23, NH25, NMGFOB21, OMP+23, OW20, PRP+25, Pre22, RSWS23, RCCLMGV22, RBGB23, RSC+24, RMGNA25, RPT21, RAB21, SVK20, SvV21, SACEU+21, SKW23, SWL+23]. **species** [SKAB25, SFEE25, SGB+24b, SC23, SZKLL24, SBMG24, TK20a, TBP+23, TFH+25, TRMB20, TCB21, VMH+21, VC25, VPV21, VRS20, WZHP21, WSM24, WT20, WTT+21, XCH+21, YXH20, YB22, YCI20, ZWL+21, dAdSCA20]. **species-area** [VPV21]. **species-predictive** [JLH+21]. **Species-specific** [HPMB20]. **specific** [HPMB20, KWM+24, OMC+24, TK20a]. **spectral** [CSZY+20]. **spectrum** [AZALP+24, BGCJ21, HES+20, HES+23, LM21, PNB+25]. **speeds** [Gat21]. **spent** [MSD25]. **sphere** [MFK+25]. **spillover** [MB22]. **spinipes** [KD20]. **Spodoptera** [BSU+23, dAWG23]. **spot** [MZLRSZ21]. **spotted** [LSH24]. **spp** [DCCL24, GGS+22]. **Spread** [BAPW20, AVP+23, BGC+23, BL25, CAH22, EVHS21, GSSC25, JB22, JMD+25, LDXJ22, MSLM+24, SRM+24, WHE+24a, WHE+24b]. **spreading** [ABZ22]. **spring** [Che21, DWZ+25, LLZM20, Tsy22]. **spring-fed** [Che21]. **Springer** [Mea20]. **Spruce** [PKKT+24, AHK+25, BG22, SCG+23, STRC24, ZJX+25, cNKF24]. **squid** [DvDA24]. **squirrels** [CAB+21]. **SSP** [UCM+25]. **SSP-RCP** [UCM+25]. **ssp.** [BP25]. **St** [MSL+21]. **St.** [KWM+24]. **Stability** [NDNN22, BACS22, CP22, ETAAH21, GWH20, LYL+24a, RLM23, SE21, SZL+21, WLWL23, YYL+25]. **stabilize** [Oku21]. **stabilizing** [YA24]. **Stable** [YL22, JvVvHH24]. **stage** [HKG+24, PSM22, QZSV21, dVDC20]. **stage-based** [HKG+24]. **stage-classified** [dVDC20]. **stage-structured** [PSM22, QZSV21]. **stages** [DIS23, JMHH22, Jia21, LBSR25, MFF+24]. **stakeholder** [DDL+20, NBMD21]. **stamp** [AXMJ22]. **stand** [BLL+23, BLB+20, NAR+25]. **Standard** [Mat23, JGG23, Koo20b, PAB+22]. **standardization** [For24]. **standards** [Haa24]. **standing** [XHZ25]. **stands** [AHK+25, CSZY+20, CWW+23, EVT+21, SGB+24b]. **stanza** [DPC20]. **starfish** [MAB23]. **start** [Tur20]. **starting** [RFHR23]. **starvation** [WWA+22]. **State** [DGSM21, EVHS21, MRR+20, BdCCdSAdS23, FWK+20, HHFB23, JZS+21, NBU+23, OHP+23, RFHR23, RFHR24, RMA+24, ZS20]. **State-** [DGSM21]. **state-and-transition** [OHP+23]. **State-space** [EVHS21, ZS20]. **Stated** [BBCD23]. **States** [CBG+22, JvVvHH24, KNP+21, LHF+25, YA24]. **static** [CLZ25]. **stationarity** [HSL+22, PWN+24, RSC+24]. **stationary** [RWZ+24]. **Statistical** [UBTB25, CSBS21, DVPPMV+24, Mau24, RSWS23, VPV21]. **statistics** [CDNN+20]. **status** [AFG24, BS21, HHP+25, MWB+24, PGB+20, RSC+23, WLZ+23a, Yao21]. **steady** [AXMJ22]. **Steller** [RM20]. **step** [EON23, OCT+23, SACEU+21]. **step-by-step** [EON23, SACEU+21]. **sterile** [HLB+20, DBN+22]. **Sterna** [ARSC22]. **stimulate** [ME25]. **stimulus** [ME25]. **stimulus-organism-response** [ME25]. **stinger** [EWE20, VM25]. **stink** [KGBL24]. **Stochastic**

[CZZW25, STQ+22, SdlP20, ASTR+25, BHH+25, BVM+21, FCFCM24, GWD+23, KAB23a, KWG+22b, LDJ25, LCMB21, NTHC23, PDH+22]. **stochasticity** [vDC20]. **stock** [AJ22, DIS23, HCX+25, WLSJ24, YRK+20]. **stock-recruitment** [AJ22]. **stocking** [DP20, JST+22, RMCCB24]. **stocks** [FEPR24, MSG+21b, YA24]. **Stocktake** [ECC+22]. **stoichiometric** [AKY+22, CDJ+22, KWG+22b]. **stomatal** [LZY25, Mas23]. **storage** [AHK+25, MHSZ25, PZH+21, RFF+23, TLC+22, WYBX23, XLS20]. **storms** [SMS+24]. **stormwater** [NBML21]. **story** [PSW22]. **Strait** [HLN+25, MPPM23]. **strategic** [GHbS21, RFHR24]. **Strategies** [PPJN25, ACC+24, BSU+23, BSE21, CTL22, CC20, DDL+20, GMA+25, Hu25, HCPG20, JJJ+25, LBPL20, MPA+24, MD23, NFLvdM24, Pal24, PSM+21, RSC+24, SENJ+25, SMMT25, SBMG24, TLL+23, VVLS25, VBH20, WZWF20, WLQ+23, WWCT24]. **strategy** [AXMJ22, BPB+20]. **streak** [SYL+24]. **stream** [BdBG+21a, BdBG+21b, HMDO20]. **Strebel** [GSM+20]. **street** [GZW+20]. **Strengbach** [BPL+20]. **strength** [BWT+24]. **strengths** [CDNN+20]. **stress** [BSP+25, GSJ+22, GRAA22, GLP+25, KFM+23, LCP+20, LBI+20, RFdL+24, RGB22, VVH+20]. **stressed** [MBG+22]. **Stressor** [SGCFB22]. **stressors** [MGF25, MAB23, RCCBMCJ25]. **strong** [ACD+24, RBGB23]. **Structural** [RGH+25, BPF24, DAQ20, GKW+25, KBC24, MFZ23, MZW+25, SBS+20, SBS+21, YZZF22, YEL+21, dFT+20]. **Structure** [BOVVM25, LB21, AE22, AM22, AHO+20, BMM22, BSR21, CWZ+25, CSB22, DvDA24, DAC+25, JMD+25, JSL+20, KTB+23, KHS+23, LRA+20, LGG+22, LSL20, LW23, MPMT23, MLJ+23, MPPM23, MMC+21, NL20, PDH+22, RRSG21, RWS+21, SZPW23, SdMF+25, VSB22, WSFZ21, XFK21, YA24, YXF25]. **structure-preserving** [AM22]. **structured** [FGM+24, KK20, MBS22, PSM22, QZSV21, WZWF20, WZ25, WFD23, XYZR21]. **structures** [KSJ22]. **studies** [CdCAC+20, FNRP+25, ŁKPK22]. **Study** [CWZ+25, DBK20, PSG21, PPJN25, SZ20, YJC+24, AO25, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BAR24, BG22, BARF20, CFC25, CZY+25, Che21, CPTD22, CRP+25b, DAGR25, ETAAH21, ENARM+23, FDH+25, dCFX25, GAC+21, Gon23, GSJ+20, HHT21, HCL+22, JLLS23, LPSF24, LP22, LF25, LZSQ20, LDZ21, LZF+24, LZL23, LSY+25, LDX+23, LPA+21, LCG+25, LCMB21, MA25, MMS+24, MSML24, MS20, ML25, MTT22, MDGA25, MVC+22, NCB25, OHH+21, OBFH22, OCT+23, PHK23, PAPŁ+23, PMP+21, PKW+25, PTNR+20, RBGB23, RKN+21, RAB21, SLC+23, SHT21, SG20, SPPC21, SWP+23, SZS+25, SZL+20, TCG+20, TLH+20, TMNA20, WbM+24, WLL+25, WBD+22b, XWZ+22, XHS+24, XMWL23, YKZ+23, ZMK+22, ZHJQ23, ZZQ23, ZLML20, ZLZ+24]. **studying** [DRZ+24]. **Stylized** [PPJN25]. **Sub** [BSP+25, FDH+25]. **sub-areas** [FDH+25]. **Sub-seasonal** [BSP+25]. **subalpine** [CRP+25a]. **subcatchment** [SRTS20]. **subject** [AWW24]. **submarine** [Che21]. **submerged** [NKT+20, QYW+25]. **submodules** [PTF23]. **Subnational** [HLM+20]. **subpinnata** [MTL+23]. **subsidence** [RGD20]. **subsidized**

[STQ+22]. **substitutable** [RK20]. **substitution** [LCX+25, QS23]. **substrates** [KAZ+25]. **subtidal** [GSM+20]. **subtropical** [BGC+24, CLW+24, HCX+25, PZH+21, RGD20, SC21, SZS+25, WLL+25, ZZL+25]. **suburban** [WLL+24]. **success** [FM24, KN20, MJS24, NFLvdM24, OHP+23, SG20, SKH+20, WZWF20]. **successful** [dTCGF+24]. **Succession** [YXH20, HHZB24, HSF+20, LM23, SLLW21, ZGG22]. **successional** [FFM+23]. **sudden** [YLL+25]. **sufficiency** [BLAA25]. **Sugar** [VLGG+20, AAM+22]. **sugarcane** [BMRF21, MBR+23]. **suggestions** [LCLG20]. **suggests** [MJ24]. **Suitability** [YHC+21, BOLC+22, BHC22, BLAA25, BBSHC22, DSP+25, HK23, ILLM20, JLH+21, KKF+23, KLL+24, LZD+24, MPF+25, NCG+24, RHN+25, SZS+25, ZWL+21]. **Suitable** [HYY+24, YXY+20, BG22, USA21]. **sulfide** [CWW+23]. **sum** [LBN+22]. **Summer** [KFM+23]. **Summit** [PKB+23]. **sums** [DMG22]. **sun** [SPPC21]. **sun-induced** [SPPC21]. **Sungo** [SZL+20]. **sunlight** [ZOJ+23]. **superiority** [GSRB22]. **supersaturated** [CFL+22]. **supply** [GSA24]. **Support** [BOVVM25, LZW20, BRC+21, EMH+22, For24, Gri20, MVC+22, MPT+25, NGE+21, PGP+22, TZC25, WBW+20, ZWZ+20]. **supported** [BEH+25a, BEH+25b]. **Supporting** [EBH+25, GSC+23]. **supports** [RSWS23]. **suppression** [SWL+23]. **surface** [ABC+22, BZZT22, BLG+25, DCT+21, HSJ+20, LLC24b, LCLG20, LCW+21, PFM+21, SBM+22, SS25, TGB+23]. **surface-based** [PFM+21]. **surfaces** [OW20]. **Surveillance** [HCW+22, BGK+20, BRSW24, SLB+23]. **survey** [KCHZ21]. **surveys** [NGAM25, PM22]. **survival** [AWW24, APF21, ALK20, dSCdA21, DHW+20, II24, PSBE23, RMA+24, SdlP20, WRC21, WDP24, WBD+22b]. **survivorship** [RAC+24]. **Sus** [KT22]. **susceptibility** [MOD+25]. **Sustainability** [SLY+21, ZMK+22, ZBl25, ABKA24, AAC20, BRNOJ25, DGS25, DYW+22, ESCA22, HL23, HBJ25, JLZ+25, LL21, LGL+24, LCG+25, MDB+20, MSS24, NGA+24, PHL20, RGRMRR20, RBEC21, TWL+22, WAHA+24, dSGAA25]. **Sustainable** [BSE21, LPA+21, LJ21, Ano20-49, AKM22, BHH+25, dSCdA21, EON23, GCMU23, HAZEF23, HWS+23, HHP+25, MTZA23, NMV+23, Pal24, PGB+20, RTSD+25, RLM23, SvV21, SSB22, WrJP+22, Woo24, XHZH24, HL23]. **Suzhou** [BCW+23]. **suzukii** [RRSG21]. **Svalbard** [KLR+24]. **swarming** [LAK+23]. **swarms** [SGV+24]. **sweat** [GMA+25]. **Sweden** [BLL+23]. **Swedish** [JMD+25]. **swimming** [LHDBN20]. **swine** [MD23]. **swirskii** [TCG+20]. **Swiss** [BSP+25]. **switching** [GWD+23]. **Switzerland** [Mea20]. **sylvatic** [EBMK20]. **sylvatica** [SKW23]. **sylvestris** [EVT+21]. **symbionts** [KKP+21, MGC24]. **symbiosis** [DAA+25, KRMP23, RTH+21]. **Symbiotic** [DL25]. **sympatric** [Kos22, NMGFOB21]. **symptom** [Gat20]. **synchronized** [KK20]. **synchrony** [GZ23]. **syncronization** [ABZ22]. **synergistic** [MMdP+21]. **Synergizing** [LCX+25]. **synthesis** [TLC+22]. **syphilis** [CZY+25]. **SyrFitSources** [AHSH+25]. **System** [EL22, dCFX25, LB21, YDQ+23, ABKA24, AM21, ADSvdZS25, BGA+23,

CMGD+22, CBSB23, DGS25, DFL+25, ENARM+23, GLA+20, GM23, GBC+25a, Har25, HSP+22, HCL+22, HSD+21, HWS+23, HK23, JZHT23, JC25, JST+22, KMH+21, KKP+21, KCS22, KLH+24, KWG+22b, Kle23, LZW20, LYM+23, MPSS24, MDB+20, MF20, MMMS23, Nug25, OLM+24, OSPZ22, PHK23, PBO+25, PAPRMALO25, PAPŁ+23, RTSD+25, SQDM21, SM22a, ST24, TSUY23, TZC25, TK20b, XLN+25, YCZ+25, ZRB+25, ZLLZ24, BOVVM25, CFG+22, DBDR22]. **system-based** [Nug25]. **Systematic** [DK22, ECC+22, AP25, PNB+25, dSRDC+23, TY25, MFK+25]. **Systems** [DS21, PPJN25, VLGG+20, ADR21, ADSvdZS25, AGS+21, AGS+22, Bro25, CXZ+23, DS24, FS22, GMM+24, HSP+22, JPMA+23, JMPB24, KLH+24, LHDBN20, LZSQ20, LCM24, MAD+20, MAN+20, MDB+20, MTW+22, MFPIBGES23, MSG+21b, MDGA25, MMN+25, MBMV20, NGA+24, NWJ+22, OBFH22, PBO+25, PHL20, PMP+21, RSS24, SC24a, SGPSzC22, SLY+21, SC24b, TQM+24, TMM25, Tur20, WG21, WGBW25, WW24, Wu24, ZJEG24, ZZWF21, ZBH+22].

T [Abe25, Bro25]. **T.** [EBMK20]. **tackle** [DSC+21]. **tadpoles** [CMS+21, PDG+20]. **Taftan** [MDGA25]. **tagging** [PDD+22]. **tags** [HBMR24]. **Taihang** [ZZLF24]. **tail** [ŁJ21]. **Tailed** [HCW+22, BGK+20, KS22, TBM+24, VRW+21]. **take** [DS23]. **Taking** [WWZ+25]. **Tana** [TGRM23]. **TANABBO** [PKKT+24]. **tangent** [PSZ20]. **Tanzania** [MDP21]. **target** [QYYA25]. **targeted** [GSJ+20, PEFW20]. **targeting** [MVC+22, TCB21]. **tasks** [AGS+21, AGS+22]. **taxa** [CGRR+24]. **taxes** [SML+20]. **taxon** [MdO25]. **taxonomic** [Lev25, RBGB23]. **Taylor** [XJW21]. **Teaching** [Por21]. **technique** [CCH20, DBN+22]. **techniques** [ASHK22, BAR20, CNMS25, GM23, HLB+20, SD24, SWP+23, USA21]. **technogenic** [PAPŁ+23]. **technologies** [COJ23]. **teleconnected** [LL21]. **telecoupling** [HBJ25]. **telemetry** [BVR+20, LDC+20]. **temperate** [BGCJ21, BWT+24, CAK+23, KABL21, LBL+24, SGB+24b, TDI+20, VK24, VBB+24, WLV+25, ZZL+25]. **Temperature** [MBMV20, AJJ24, BLG+25, BC25, CRZ+23, DMdR24, FCT+25, GSJ+22, HML+22, JPL21, KJH24, LSH24, MDBvdBB24, MGWG22, NGE+21, PGdAM+20, RLH24, SSM24, SFFL25, SBR20, SMS+24, TSZ+24, TA20, VJK+23, WWW25, WBD+22b, YSFX23]. **temperature-** [SBR20]. **temperature-dependent** [BC25, HML+22, MGWG22, NGE+21, PGdAM+20]. **temperature-size** [RLH24]. **temperatures** [ABC+22, FWK+20, WLD+25]. **Temporal** [CPTD22, AAAR23, AAAR24, BSR21, DKM+21, EON23, FS22, GSJ+20, HMC20, JJJ+25, LRA+20, LCP+20, LSL21, MHSZ25, NWO21, NO23, NK23, PAS23, RAC+24, SBR20, WYBX23, ZHWZ23]. **temporally** [BR22, BR25]. **tempos** [Ano20-49]. **ten** [OCWL25]. **tendency** [LJP+22]. **tendency-prediction** [LJP+22]. **Tenuipalpidae** [AFdSM23]. **tenuis** [GBC+25a]. **term** [ABH+20, BLB+20, DYMD22, EVHS21, JvVvHH24, JLV+21, JSD+22, Lev25, PKO+21, RSASP22, RCCBMCJ25, SZ20, YSIB24].

termite [LPL22a]. **Tern** [ARSC22]. **terrestrial** [ASHK22, CNMS25, LC20, OTR+21, OKS+21, QS23, WHL+23, WZT+25, WWP20, WLZ+23b, ZS20]. **territorial** [BAR24, ŁJ21, MCMP+24]. **territoriality** [TPD+24]. **territories** [CDC+22, KRM+22, MOS21]. **territory** [SM20]. **tertiary** [MSML24]. **Test** [HFP22, RFJ+22, SBMG24]. **tested** [FG21]. **Testing** [JMHH22, MDT+23, SM22b, CdCAC+20, PPL25]. **tests** [FH24]. **Tetragastris** [dOPdMdS+21]. **Texas** [YCK20]. **Thanks** [Des21]. **Thau** [PGB+20]. **thawing** [LCW+21]. **their** [ACM24, BCMV20, CZ21, DZBB24, FSZ+20, FZS+20, FHP+22, GMM+24, HHFB23, Jia21, KBC24, LZL22, MTLC25, MS25, OKS+21, RRFLV+22, SINS22, YD20, ZFC+23]. **theorem** [Men22]. **theoretic** [STJ25]. **Theoretical** [MAN+20, BMS+20, GRS+20, KAB+23b, LAC+24]. **theories** [KKM+24]. **Theory** [Ano20-51, VLGG+20, Abe25, CRF24, CIL+20, DYW+22, GLA+20, HFP20, KKM+24, LJvdM24, LMD+25b, LPL22b, LSG21, ME25, MTS+20, MBMV20, PSW22, RLH24, SGLK20, SNN24, SACE+20, TY25, XJW21, XHS+24, YCZ+25, ZSS20, ZBl25]. **Thermal** [Che22, MGWG22, BSP+25, Che21, FEP25a, KJH24, Tsy22, VJK+23]. **Thermodynamic** [CWF+21, WCF+22]. **thermodynamics** [Bro25, MPMT23]. **thermoregulation** [HBMR24]. **thinning** [EVT+21]. **Thirteen** [LGK+23]. **thorns** [MAB23]. **threat** [JASW23, MAB23, SRÁMH+20]. **threatened** [HP20, NCG+24]. **threats** [GHbS21]. **Three** [NBML21, ABB23, CLOFD+25, DAN+25, LWE+22, LPHO+20, NSS+23, PCN+23, PCK+22, TWL+22, WA20, YLS+21, XWX+24]. **Three-dimensional** [NBML21, ABB23, DAN+25, LWE+22, TWL+22, YLS+21]. **threshold** [HH23]. **thresholds** [HKH+20, TA20]. **thrips** [CMSD+22]. **Thunnus** [DPC20]. **thuringiensis** [LB24]. **Tianjin** [LZF21, LW23]. **Tianshan** [ZLLZ24]. **Tibet** [ALS+21, LWL24, WLZ+23a, Yu20, YJC+24]. **Tibetan** [SZC+25, YCZ+25, ZPZ+22, ZJX+25]. **Tick** [ASTR+25, AV22, EBS23, GMV24, OWGRF25]. **tick-borne** [AV22]. **ticks** [WBD+22b]. **tidal** [BdBG+21a, BdBG+21b, KSJ22]. **tides** [SRB+20]. **tier** [OMC+24]. **Tiezzi** [Ano20-49]. **tiger** [AAAR23, AAAR24]. **tilapia** [DMPLHGL20]. **tillage** [GAMN+23, YLLL23]. **timber** [LOZT25, SQS+25, XLS20]. **time** [BAAN24, CMRF+24, DMG22, HMC20, Jia21, LMD+25a, LCP+20, LJP+22, LHL22, MLV24, MM21, PRP+25, QYW+25, RWZ+24, RLM23, SE22, VMG+24, WGH+25]. **time-averaged** [HMC20]. **time-dynamic** [BAAN24]. **time-scales** [RLM23]. **time-series** [QYW+25]. **time-varying** [PRP+25, WGH+25]. **timescale** [AAR23]. **timescales** [MSML21]. **Timing** [BVM+21, CGB+23, FS22, LAK+23, LBGD21, WLD+25]. **tipping** [MDB24b]. **Titicaca** [DVVH21]. **tomorrow** [ABW+25]. **tool** [GZK+20, MGK+23, MPC+22, MS23, MTLC25, MM21, NAR+25, NMC+20, OEC24]. **tools** [Yao21]. **Tooth** [MSG21a]. **top** [CDN+23, KKH+24]. **Topological**

[LDR+20]. **Topology** [MEPJ21]. **topsoil** [VPAV22]. **tortuosa** [BP25]. **total** [PRM+24]. **tourism** [GCS+21, LL21]. **tower** [ASHK22]. **tox** [AVRC+20]. **Toxi** [PKW+25]. **toxic** [PAPŁ+23]. **toxicants** [MMS+24]. **toxicity** [BMS+20, CBSB23, MDBvdBB24]. **toxicodynamic** [JGG23]. **toxicokinetic** [JGG23, MLP+20]. **toxicokinetic-toxicodynamic** [JGG23]. **toxin** [CMKF22, LPRB+25, SH25]. **toxoid** [LPSF24]. **trace** [SPW+25]. **tracking** [GMG+25, LWE+22, SJH+23, WSW23, ZWZ+20]. **Trade** [JHL23, PF23, BBIP24, CSCT23, CP20, DSC+21, LdSG+25, LMW+23a, NO24, NH25, Pér24, SML+20, ZLML20]. **trade-off** [BBIP24, CSCT23, CP20, NO24, NH25, Pér24]. **Trade-offs** [JHL23, PF23, DSC+21]. **tradeoff** [RTH+21]. **tradeoffs** [LGA+21]. **traditional** [NGA+24]. **trained** [HFSL+24]. **training** [MS20]. **trait** [BDC+22, HHT21, LBL+24, Mur24, RFJ+22, RZY+25, ZMS20]. **trait-** [ZMS20]. **trait-based** [BDC+22, LBL+24, Mur24, RFJ+22]. **traits** [AVP+23, CMGD+22, CLW+24, DR25, EHS+20, GRCSA+20, HKSM23, LJvdM24, LPRB+25, PKO+21, RHP+24, SLYL+20, SHT21, SPV+21, Vas20]. **trajectories** [AADHA+23, BAR24, COS23, FG21, LDJ25]. **trajectory** [DFL+25, SDSP+21]. **trans** [KMP+23]. **trans-CLUE-S** [KMP+23]. **transboundary** [COS23]. **transcriptomic** [GML+20]. **Transdisciplinary** [Por21]. **Transeius** [TCG+20]. **Transfer** [XZZ+22, vdHNH+20]. **Transferability** [GVG+23, RFJ+22, CPTD22, FCL+25, NCG+24, TFH+25]. **transfers** [KKP+21, SML+20]. **transformation** [FDF+25]. **transformed** [GCMU23, MPMT23]. **Transient** [CTL22, XD25, ZZZD22]. **transit** [MLV24]. **Transition** [MT23, OHP+23, TTPA21]. **Transitioning** [Ano20-51, PBO+25]. **transitions** [HCX+21, KMP+23, STK+25]. **transmission** [CZY+25, CLHZ22, CGZ24, CGC+25, EBMK20, KAPZ25, KE24, KS22, LGFT+20, MSLM+24, MD23, RWS+21, TLL+23, TBM+24, VVLS25, ZXK+24, vWVH20]. **transmitted** [MMMS23]. **transmitting** [LKB+25]. **TransparC2U** [CM21]. **transparent** [Woo24]. **transpiration** [HFP22, ZFC+23]. **Transport** [SCG+24, BdBG+21a, BdBG+21b, CMFC23, KAZ+25, LWE+22, PKW+25, SPB+24, SS25, WPL+23, MLJ+23]. **transportation** [LPL22a]. **trap** [AP22]. **traps** [HI22]. **travel** [Lef23]. **traveling** [XD25]. **treatment** [BSU+23, CEB+24, LZL22, MKN23]. **treatments** [GAMN+23]. **Tree** [HHI+22, dSMPA+22, ABRG21, AHK+25, CAK+23, CAK+24, CNSK21, DMG22, HHBF24, HBRK24, HFP22, JMC+22, KMS+25, LGG+22, LPS+21, Loe25, MRR+20, MLJ+23, MPT+25, PVS+21, PPH+21, PKO+21, PPL25, Pre22, SLHB+23, SKW23, SCH+21, SGB+24b, SdMF+25, SBR20, VJK+23, WHE+24a, WHE+24b, WHL+23, WYBX23, XHZ25, ZOJ+23, ZLL+23]. **tree-based** [WYBX23]. **tree-level** [PPH+21]. **tree-species-shifting** [HBRK24]. **treehopper** [PTBFP+20]. **treeline** [BS20]. **trees** [AMP+23, FG21, GHK23, GSMD24, IA23, LDR+20, LMW+23b, MOG+25, VBB+24, WB24, YCI20]. **trend** [AFG24]. **trends** [CZ21, Lev25, dSRDC+23, RAC+24, SDP23, ZPZ+22]. **trials** [NS20].

triangulifer [KFJS20]. **Triatoma** [FC21]. **Tribolium** [dVDC20]. **tributaries** [MSL+21]. **Trichodesmium** [ABR24]. **triggered** [CMKF22, CLH23, RTH+21]. **tripartite** [WLWL23]. **triplet** [ABKA24]. **TRIPLEX** [LPS+21]. **TRIPLEX-Mortality** [LPS+21]. **Triticum** [GGS+22]. **tritrophic** [BMBB24, PVS+21]. **Trojan** [BPB+20]. **Trophic** [KKH+24, OHR+23, BdCCdSAdS23, BNN20, FWK+20, GLA+20, HLN+25, HK23, LPL22b, MSML24, MZLRSZ21, MS25, PCK+22, RSC+21, SBS+20, WSFZ21, vdHNH+20]. **trophodynamics** [CWZ+25]. **tropical** [BSS+24, BH21, DBV+22, DAC+25, FG21, HLB+20, MOG+25, MAGR+22, MHP+23, PYD+21a, PYD+21b, PRM+25, PKO+21, SKPL24, SPPC21, TSUY23, WGMR23, XJW21, ZCW+25]. **tropics** [AMK21, RFJ+22]. **truthing** [ABC+22]. **tsetse** [GVG+23]. **tshawytscha** [BLLL21]. **Tumen** [JHL23, TLH+20]. **tuna** [DPC20, NPK+23, PDD+22]. **tuning** [Fou21]. **tunnel** [LPL22a]. **turbidity** [SZ20]. **turbine** [PM22, STQ+22]. **turbine-scale** [STQ+22]. **turbulence** [WSW23]. **turbulent** [LWE+22, TMNA20]. **turning** [Ano20-49]. **turnoff** [BACS22]. **turnover** [AG22, GMV24]. **turtle** [CRZ+23, KABL21, LHDBN20, MZLRSZ21]. **turtles** [GDC24, LHH+24, II24, PTD+23, SPB+24, SMV+20]. **Tuscany** [LPA+21]. **Tuta** [GBC+25a]. **TVDI** [RFdL+24]. **TVDI-based** [RFdL+24]. **twins** [MFK+25]. **two** [AKM22, CM21, CWW+23, DKM+21, DPC20, JC25, KABL21, Kos22, LHDBN20, LYZ+24, MBR+23, NMGFOB21, PWN+24, SBR+25, SZKLL24, TCG+20, WG21, WTT+21, ZHC23]. **two-host-two-pathogen** [JC25]. **two-pool** [CM21]. **two-stanza** [DPC20]. **type** [AO25, AM21, AACCIS20, ETAAH21, Fat21, LLW+21, SQDM21, VMMEM25, VDK+24]. **types** [BRSW24, Sak23, SINS22, YYS+22, dAdSCA20]. **typhoon** [PZH+21]. **Typical** [WXT+20, MFZ23].

U.S [LUV+23]. **U.S.** [PBO+25]. **Ubatuba** [OBFH22]. **Ubi** [HHR+25]. **UK** [NCB25]. **Ulloa** [MZLRSZ21]. **Ulva** [LFN+20, SRB+20]. **uncertain** [MDB24b, VRS20, YSIB24]. **Uncertainties** [ELM+25, BHH+25, CM21]. **Uncertainty** [HAZEF23, MNMN25, ADSvdZS25, AAR23, KKF+23, LDX+23, LKO20, MLP+20, MKB+24, NMS24, SACE+20, TKO+22, ZLZ+25]. **Uncovering** [WLL+24]. **underestimate** [MBD+22]. **Undergraduate** [Por21]. **Underlying** [ZXK+24, CLH23, CL24, GSH+22]. **underpinning** [EL21]. **understand** [CDNN+20, DAQ20, MFPIBGES23, MPMT23, ZMS20]. **Understanding** [CFG+22, HSP+22, Por21, PCK+22, WAG25, ZOJ+23, BLvG+25, MMN+25, PTG+20, PGSL+20, SBWB24, Woo24]. **understorey** [LBL+24]. **Understory** [HHI+22, MLJ+23]. **underwater** [KCHZ21, SHF24]. **Uneven** [Pow25, JS22]. **Unfolding** [AS22, LMW+23a]. **ungulate** [HBRK24, HWJ+25]. **Unified** [SGV25a, SGV25b, FMRMAS24, LMNV20]. **uniform** [BLvG+25]. **unimodal** [CLHZ22]. **uniqueness** [cLJ25]. **United** [Pas21, CBG+22, LHF+25, YA24]. **units** [ŁJ21, SRTS20]. **univariate** [MA25]. **universal** [For25, GAM20, VMG+24]. **unknown** [WWK+24].

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utilising [MDGA25]. **Utilization** [GAMN+23, DDG+21, HLW+20, Vas20]. **Utilizing** [KKW+21, RHN+25, PSBE23]. **UV** [DWH+21]. **UV-B** [DWH+21].

v3 [LDX+23, BGA22]. **VA** [ZOJ+23]. **vaccine** [LPSF24]. **Validation** [dPGDdFS24, CDC+22, DAA+25, DDG+21, FZS+20, FHP+22, dRMJdS23, OFH+20, PFM+21, PAdS+24, WHdBB21]. **Valley** [BLLL21, DBD+25, WWF+23]. **Valuation** [SAdA+22]. **Value** [DS21, LB21, MZX25, BARF20, CL21, dCFX25, GPN+23, LC20, Men22, SQS+25, WWZ+25, WFW+24, YZF20]. **valued** [RUTY23]. **values** [CLY+23]. **vannamei** [dMFOM+20]. **Variability** [HWJ+25, VN23, ACD+24, CFG+22, FTH24, FS22, HHT21, HMC20, KD20, KJH24, LSH24, MSML21, MLP+20, MPL+20, NK23, PMMTF+24, PYD+21a, PYD+21b, PCK+22, SLYL+20, WBD+22a]. **Variable** [CKK+24c, DVPPMV+24, NTHC23]. **variables** [AXMJ22, ALJ+22, BRC+21, DMG22, MRR+20, PPSS22, RCSS20, XHZ25]. **Variance** [vDC20]. **variation** [APF21, BSR21, CMFC23, CSM23, HGBK23, KAB23a, KABL21, LS25, LDX+23, OWGRF25, Oku21, UBTB25, UM25, XJW21]. **Variations** [DCCL24, NWO21]. **varied** [FGC24]. **varieties** [CLOFD+25]. **variety** [LZD+24]. **various** [ACC+24, DBK20, GAMN+23, MFZ23, SBMG24, WBD+22b]. **Varroa** [MMC+21]. **vary** [FWK+20]. **varying** [BL25, COPM23, PRP+25, WGH+25]. **vector** [KWG+22a, MSLMM22, OW20, TK20a]. **vectored** [RLS+24]. **vectoring** [MGC24]. **vectors** [DBD+25]. **vegetable** [AAC20, ZBH+22]. **vegetated** [LYL+24a]. **Vegetation** [Kag25, WXT+20, BKTM20, BWCD23, CWY+24, CGV22, DDDC21, ETAAH21, ERP21, FEP+25b, FMRMAS24, FSZ+20, FZS+20, JPL21, LYC+21, LCW+21, LHJ+24, LWL24, LCH+25, LMW+23b, MKEH20, NKT+20, NH25, QYW+25, QS23, WHW+23, VDK+24, YYS+22, Yu20, ZSS20, ZYM+21, ZLZ+24, RSB+23]. **vegetation-desertification** [FMRMAS24]. **vegetations** [SOP22]. **vegetative** [LTR+24]. **vehicle** [BLB24b]. **velocity** [AJJ24, ZLL+23]. **versatile** [MS23]. **versus** [RFPRC23, Pie23]. **vertebrates** [ZS20]. **Vertical** [Jor22, ABR24, CSB22, GMM+24, JCM+25]. **Very** [RSB+23]. **Vespula** [CH22]. **vetted** [Haa24]. **via** [BdBG+21a, BdBG+21b, HZ22, KKM+24, KBAC20, LGA+21, PF23, WLY+23, ZWZ+20, GML+20]. **Viability** [OSPZ22, AZBdAI23, CDT+23, HKG+24, LOZT25, LGK+23, dGMCM+23]. **Vibrio** [DEMJ24]. **video** [KCHZ21]. **Vietnam** [KTB+21]. **Vietnamese** [HMBH25]. **view** [EBMK20, KE24]. **viewing** [PAS23]. **Viewpoint** [Kle23].

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[BDP+23] Charles H. X. B. Barbosa, Claudia M. Dias, Dayse H. Pastore, José C. R. Silva, Anna R. C. Costa, Isaac P. Santos, Ramoni Z. S. Azevedo, Raquel M. A. Figueira, and Humberto F. M. Fortunato. Analysis of a mathematical model for golden mussels infestation. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002326`.

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[BdSG+23] Lorena Oliveira Barbosa, Juscelina Arcanjo dos Santos, Anny Francielly Ataide Gonçalves, Otávio Camargo Campoe, José

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[BGC+23] Suman Bhowmick, Jörn Gethmann, Franz J. Conraths, Igor M. Sokolov, and Hartmut H. K. Lentz. SEIR-Metapopulation model of potential spread of West Nile virus. *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003118`.

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[BGC+24] Pramit Kumar Deb Burman, Prajeesh A. G., Supriyo Chakraborty, Yogesh K. Tiwari, Dipankar Sarma, and Nirmali Gogoi. Simulating the ecosystem-atmosphere carbon, water and energy fluxes at a subtropical Indian forest using an ecosystem model. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000267`.

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[BH20] Svenia Behm and Harry Haupt. Predictability of hourly nitrogen dioxide concentration. *Ecological Modelling*, 428 (??):??, July 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301484`.

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[BLB24b] Annaëlle Bénard, Thierry Lengagne, and Christophe Bonenfant. Integration of animal movement into wildlife–vehicle collision models. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000784`.

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[BPW+21] Madeleine Barton, Hazel Parry, Samantha Ward, Ary A. Hoffmann, Paul A. Umina, Maarten van Helden, and Sarina Macfadyen. Forecasting impacts of biological control under future climates: mechanistic modelling of an aphid pest and a parasitic wasp. *Ecological Modelling*, 457(??):??, October 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002374`.

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[CMRF+24] Tiago Crispim-Mendes, Deon Roos, Clara Mendes Ferreira, Joana Paupério, João Paulo Silva, Sérgio Godinho, Paulo Célio Alves, António Mira, Pedro Beja, Xavier Lambin, and Ricardo Pita. Patch spatial attributes and time to disturbance affect the emergence of source local populations within ephemeral habitats. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002278`.

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[Cor20] Gianpaolo Coro. A global-scale ecological niche model to predict SARS-CoV-2 coronavirus infection rate. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302581`. See comment [CYP+20].

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[CRZ+23] Spencer Catron, Sarah Roth, Francesca Zumpano, Jason Bintz, James A. Fordyce, Suzanne Lenhart, Debra L. Miller, and Jeanette Wyneken. Modeling the impacts of temperature during nesting seasons on loggerhead (*Caretta caretta*) sea turtle populations in South Florida. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000911`.

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[CVTS20a] Carrie M. Chennault, Robert M. Valek, John C. Tyndall, and Lisa A. Schulte. Corrigendum to PEWI: an interactive web-based ecosystem service model for a broad public audience: Ecological Modelling 2020 **431**: 109165. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302660`. See [CVTS20b].

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[CWY+24] Yimeng Cai, Jiaxin Wu, Tudi Yimiti, Zhouyuan Li, Xiuchun Yang, and Shikui Dong. The landscape altered the interaction between vegetation and climate in the desert oasis of Hotan River Basin, Xinjiang, China. *Ecological Modelling*, 491(??): ??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024000759.

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[CWZ+25] Gan Chen, Wen Wang, Rongrong Zhao, Qiuyun Ma, Shaoqin Wang, Siquan Tian, and Dongyan Han. Study in the ecosystem structure and trophodynamics in the Kuroshio–Oyashio Extension area. *Ecological Modelling*, 506(??):??, July 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380025001371.

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[DVPPMV+24] Mauricio Díaz-Vallejo, Alexander Peña-Peniche, Claudio Mota-Vargas, Javier Piña-Torres, Daniel Valencia-Rodríguez, Coral E. Rangel-Rivera, Juliana Gaviria-Hernández, and Octavio Rojas-Soto. Analyses of the variable selection using correlation methods: an approach to the importance of statistical inferences in the modelling process. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002813`.

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[DWZ+25] Xin Dou, Lizhou Wu, Chengyi Zhao, Juyan Li, Yingyu Yan, Jianting Zhu, and Dandan Wang. Comparison of spring phenology simulation in central Asian grasslands. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003995`.

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[DZBB24] Jean-Claude Dauvin, Assia Zarrouki, Martial Boutet, and Anne-Claire Bennis. Numerical modelling of dispersal of *Ampelisca* (Amphipoda Gammaridae) during their diel migration. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001431`.

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[EHS+20] Elvis Felipe Elli, Neil Huth, Paulo Cesar Sentelhas, Rafaela Lorenzato Carneiro, and Clayton Alcarde Alvares. Ability of the APSIM Next Generation *Eucalyptus* model to simulate complex traits across contrasting environments. *Ecological Modelling*, 419(??):??, March 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300314`.

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[ENARM+23] Hamed Eyni-Nargeseh, Mohammad Reza Asgharipour, Sajjad Rahimi-Moghaddam, Abdolali Gilani, Abdolmajid Mahdavi Damghani, and Khosro Azizi. Which rice farming system is more environmentally friendly in Khuzestan province, Iran? A study based on emergy analysis.

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[ESZ+23] Ali Ertürk, Ilona Sakurova, Mindaugas Zilius, Petras Zemlys, Georg Umgiesser, Burak Kaynaroglu, Renata Pilkaitytė, and Artūras Razinkovas-Baziukas. Development of a pelagic biogeochemical model with enhanced computational performance by optimizing ecological complexity and spatial resolution. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002399`.

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[EVT+21] Markus Engel, Sonja Vospernik, Maude Toïgo, Xavier Morin, Antonio Tomao, Carlo Trotta, Mathias Steckel, Anna Barbati, Arne Nothdurft, Hans Pretzsch, Miren del Rio, Jerzy Skrzyszewski, Quentin Ponette, Magnus Löf, Āris Jansons,

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[FCP+20] Ramón Filgueira, Manuel Chica, Juan José Palacios, Tore Strohmeier, Romain Lavaud, Antonio Agüera, Sergio Damas, and Øivind Strand. Embracing multimodal optimization to enhance dynamic energy budget parameterization. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302106`.

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[FDF+25] Rico Fischer, Martin Drechsler, Karin Frank, Uta Berger, Hsiao-Hsuan Wang, Christina Semeniuk, Amanda Arm-

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[GZW+20] Zhen Guo, Zhiwei Zhang, Xiaogang Wu, Jing Wang, Peidong Zhang, Dan Ma, and Yuan Liu. Building shading affects the ecosystem service of urban green spaces: Carbon capture in street canyons. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302490`.

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[HWSD24] Henry J. Hershey, Russell R. Wright, Todd M. Swannack, and Dennis R. DeVries. Simulating fish passage impacts on a fragmented metapopulation of paddlefish. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001947`. See retraction notice [HWSD25].

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[KFM+23] Behnam Kamkar, Mohammad Taghi Feyzbakhsh, Hassan Mokhtarpour, Jelena Barbir, Jasmin Grahić, Sylwester Tabor, and Hossein Azadi. Effect of heat stress during anthesis on the Summer Maize grain formation: Using integrated modelling and multi-criteria GIS-based method. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000467`.

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[KHH+22] Jens Krause, Mike Harfoot, Selwyn Hoeks, Peter Anthoni, Calum Brown, Mark Rounsevell, and Almut Arneth. How more sophisticated leaf biomass simulations can increase the realism of modelled animal populations. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001697`. See corrigendum [KHH+24].

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[KKF+23] Seokmin Kim, Anthony Koop, Glenn Fowler, Kimberly Israel, Yu Takeuchi, and Deah Lieurance. Addition of finer scale data and uncertainty analysis increases precision of geospatial suitability model for non-native plants in the US. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001898`.

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[KMH+21] Gerald Kalt, Andreas Mayer, Helmut Haberl, Lisa Kaufmann, Christian Lauk, Sarah Matej, Elin Röös, Michaela C. Theurl, and Karl-Heinz Erb. Exploring the option space for land system futures at regional to global scales: the diagnostic agro-food, land use and greenhouse gas emission model BioBaM-GHG 2.0. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002817`.

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[KMS+25] Louis A. König, Frits Mohren, Mart-Jan Schelhaas, Julen Astigarraga, Emil Cienciala, Roman Flury, Jonas Fridman, Leen Govaere, Aleksi Lehtonen, Adriane E. Muelbert, Thomas A. M. Pugh, Brigitte Rohner, Paloma Ruiz-Benito, Susanne Suvanto, Andrzej Talarczyk, Miguel A. Zavala, Jose Medina Vega, Igor Staritsky, Geerten Hengeveld, and Gert-Jan Nabuurs. Combining national forest inventories reveals distinct role of climate on tree recruitment in European

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[KRvW+25] Lilith Kramer, Johanna Reineke, Dianneke van Wijk, Harry Boonstra, Wouter Patberg, Janine Rüegg, Tineke A. Troost, Wolf M. Mooij, and Sven Teurlincx. Modeling the impact of flushing on a lake meta-ecosystem using PCLakeS+. *Ecological Modelling*, 509(??):??, October 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025002509`.

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Kerr:2023:MFS

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[KWM+24] Shay S. Keretz, Daelyn A. Woolnough, Todd J. Morris, Edward F. Roseman, and David T. Zanatta. Habitat modelling of native freshwater mussels distinguishes river specific differences in the Detroit and St. Clair rivers of the Laurentian Great Lakes. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002673`.

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[LBL22] Xiaoqian Liu, Daniel Bearup, and Jinbao Liao. Metacommunity robustness to invasion in mutualistic and antagonistic networks. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000692`.

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[LBT+22] Jing Li, Melissa Broussard, Nathan Tomer, Mateusz Jochym, Dilini Fonseka, Angela Peace, Linley Jesson, Nilsa A. Bosque-Pérez, David Crowder, Brad G. Howlett, and David Pattemore. Honey bee (*Apis mellifera*) hive placement is more influential than orchard layout on the fruit set of a dioecious crop. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001776`.

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[LC20] Dong Joo Lee and Moon Bo Choi. Ecological value of global terrestrial plants. *Ecological Modelling*, 438(??):??, December 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303987`.

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[LCG+25] Xudong Lu, Jiadong Chen, Jianchao Guo, Hui Wu, Qin Zuo, Yizhuang Chen, Xian Huang, and Shi Qi. Evaluating comprehensive watershed management sustainability based on the emergy ecological footprint model: a case study of Hainan Island, China. *Ecological Modelling*, 505(??):??, June 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001061`.

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[LCW+21] Zhenhai Liu, Bin Chen, Shaoqiang Wang, Qinyi Wang, Jinghua Chen, Weibo Shi, Xiaobo Wang, Yuanyuan Liu, Yongkai Tu, Mei Huang, Junbang Wang, Zhaosheng Wang, Hui Li, and Tongtong Zhu. The impacts of vegetation on the soil surface freezing-thawing processes at permafrost southern edge simulated by an improved process-based ecosystem model. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002222`.

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[LCX+25] Keyi Liu, Yufeng Chen, Liyan Xu, Xiao Zhang, Zilin Wang, Hailong Li, Yansheng Yang, Hong You, and Dihua Li. Synergizing farmland reverting and energy substitution programs in Wolong through agent-based modelling and cost-efficiency analysis. *Ecological Modelling*, 504(??):??, May 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000651`.

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[LdSG+25] Cláudia Leão, Luiz C. Terra dos Santos, Biagio F. Giannetti, Feni Agostinho, and Cecilia M. V. B. Almeida. Evaluating the dynamics of Brazil's soybean trade: a comprehensive emergy analysis of resource dependencies. *Ecological Modelling*, 508(??):??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001875`.

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[LDX+23] Xiaoxia Ling, Nanyan Deng, Dongliang Xiong, Shen Yuan, Shaobing Peng, Tao Li, and Jianliang Huang. Effect of variation in the observations on the prediction uncertainty in crop model simulation: Use ORYZA (v3) as a case study.

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[LEC+23] Geng Li, Caroline M. Elliott, Bruce C. Call, Duane C. Chapman, Robert B. Jacobson, and Binbin Wang. Eval-

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[Lev25] Lucas M. Leveau. Contrasting long-term trends of bird taxonomic, functional, and phylogenetic diversities along an urban gradient. *Ecological Modelling*, 508(??):??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001917`.

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[LF25] Long Lee and Ryan W. Foy. Ecological modeling and parameter estimation for predator–prey dynamics in a closed habitat: a case study of isle royale. *Ecological Modelling*, 508(??):??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001759`.

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[LFN+20] Romain Lavaud, Ramón Filgueira, André Nadeau, Laura Steeves, and Thomas Guyondet. A dynamic energy budget model for the macroalga *Ulva lactuca*. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304302`.

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[LGA+21] Lauren H. Logan, Rohini S. Gupta, Amy Ando, Cory Suski, and Ashlynn S. Stillwell. Quantifying tradeoffs between electricity generation and fish populations via population habitat duration curves. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304385`.

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[LGC+25] Glen E. Liston, Katherine B. Gura, Justin A. Crawford, Lori Polasek, Craig J. Perham, Lori Quakenbush, Adele K. Reinking, Jewell Lund, Sarah M. Chinn, Richard T. Shideler, and Ryan R. Wilson. Modeling polar bear (*Ursus maritimus*) snowdrift den habitat on Alaska's Beaufort Sea coast using SnowDens-3D and ArcticDEM data. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003272`.

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[LGFT+20] Sébastien Lambert, Emmanuelle Gilot-Fromont, Carole Toïgo, Pascal Marchand, Elodie Petit, Bruno Garin-Bastuji, Dominique Gauthier, Jean-Michel Gaillard, Sophie Rossi, and Anne Thébault. An individual-based model to assess the spatial and individual heterogeneity of *Brucella melitensis* transmission in Alpine ibex. *Ecological Modelling*, 425(??):??,

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[LGK+23] Dmitrii O. Logofet, Leonid L. Golubyatnikov, Elena S. Kazantseva, Iya N. Belova, and Nina G. Ulanova. Thirteen years of monitoring an alpine short-lived perennial: Novel methods disprove the former assessment of population viability. *Ecological Modelling*, 477(??):??, March 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022003064`.

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[LGL+24] Xin Liu, Ruiying Geng, Xin Lv, Xiaoke Hu, Thang Nam Do, and Meng Liu. From dynamics to sustainability: Modeling the shrimp (*Penaeus chinensis*) fishery in Shandong, China. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003307`.

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[LHDBN20] Diane Z. M. Le Gouvello, Michael G. Hart-Davis, Björn C. Backeberg, and Ronel Nel. Effects of swimming behaviour and oceanography on sea turtle hatchling dispersal at the intersection of two ocean current systems. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302027`.

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Gouvello:2024:DCN

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[LHL22] Sen Liu, Boyang Han, and Weide Li. Self-healing time of population under dynamic disturbance. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001260`.

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[LhNA+21] Mahdieh Khalatbari Limaki, Majid Es hagh Nimvari, Seyed Jalil Alavi, Asadollah Mataji, and Farid Kazemnezhad. Potential elevation shift of oriental beech (*Fagus orientalis*

L.) in Hyrcanian mixed forest ecoregion under future global warming. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001988`. See corrigendum [LhNA+22].

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[MDB+24a] Adrian P. Martin, Angela Bahamondes Dominguez, Chelsey A. Baker, Chloé M. J. Baumas, Kelsey M. Bisson, Emma Cavan, Mara Freilich, Eric Galbraith, Martí Galí, Stephanie Henson, Karin F. Kvale, Carsten Lemmen, Jessica Y. Luo, Helena McMonagle, Francisco de Melo Viríssimo, Klas Ove Möller, Camille Richon, Iyyappan Suresh, Jamie D. Wilson, Matthew S. Woodstock, and Andrew Yool. When to add a new process to a model — and when not: a marine biogeochemical perspective. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002588`.

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[MPF+25] Vandeilson Belfort Moura, Lucionila Pimentel Pantoja, Euclides Holanda Cavalcante Filho, Rafael Antônio Haber, Victor Leandro-Silva, Deborah Luciany Pires Costa, Miguel Alves Júnior, Tayssa Menezes Franco, Maryelle Kleyce Machado Nery, Matheus Lima Rua, and Paulo Jorge de Oliveira Ponte de Souza. Current bioclimatic suitability and climate change impacts on the risk of cacao moniliasis invasion in Pará. *Ecological Modelling*, 505(??):??, June 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000924`.

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[MRR+20] Thales G. V. Martins, Geraldo G. Reis, Maria G. F. Reis, Lucas A. A. Telles, Mayara R. Lage, Gleidson G. C. Mendes, Dayane L. Pinto, Nero L. M. Castro, Alexandre S. Lorenzon, Ricardo S. Silva, and Duberlí G. E. Gonzáles. Potential planting areas for native tree species in Minas Gerais State, Brazil, based on environmental variables and wood demand. *Ecological Modelling*, 432(??):??, September 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302817`.

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[mSzZK+21] Shu miao Shu, Wan ze Zhu, George Kontsevich, Yang yi Zhao, Wen zhi Wang, Xiao xiang Zhao, and Xiao dan

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[MTBB22] Isabelle Ménard, Evelyne Thiffault, Yan Boulanger, and Jean-François Boucher. Multi-model approach to integrate climate change impact on carbon sequestration potential of afforestation scenarios in Quebec, Canada. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002459`.

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[MTL+23] Godefroid Mathilde, Zeimes Tom, Bramanti Lorenzo, Romans Pascal, Bo Marzia, Toma Margherita, Danis Bruno, Dubois Philippe, and Guillaumot Charlène. Low vulnerability of the Mediterranean antipatharian *Antipathella subpinnata* (Ellis & Solander, 1786) to ocean warming. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003076`.

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[MTLC25] Lucas Moreau, Evelyne Thiffault, Gabriel Landry, and Jean-François Carle. How does shifting wood products between uses affect their carbon dynamics and climatic impacts? Leveraging MoSiR, a new carbon accounting tool. *Ecological Modelling*, 508(??):??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025002224`.

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[MTP+20] Joan Marull, Parisa Torabi, Roc Padró, Aureli Alabert, Maria José La Rota, and Tarik Serrano. Energy-landscape optimization for land use planning. Application in the Barcelona Metropolitan Area. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302532`.

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[MTS+20] Gonçalo M. Marques, Carlos M. G. L. Teixeira, Tânia Sousa, Tiago G. Morais, Ricardo F. M. Teixeira, and Tiago Domingos. Minimizing direct greenhouse gas emissions in livestock production: the need for a metabolic theory. *Ecological Modelling*, 434(??):??, October 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030329X`.

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[MTW+22] Carsten Marohn, Christian Troost, Benjamin Warth, Christian Bateki, Mink Zijlstra, Faizan Anwar, Benjamin Williams, Katrien Descheemaeker, Thomas Berger, Folkard Asch, Uta Dickhoefer, Regina Birner, and Georg Cadisch. Coupled biophysical and decision-making processes in grassland systems in East African savannahs — a modelling framework. *Ecological Modelling*, 474(??):??, December 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002150`.

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[MVC+22] Ermes Movedi, Daniele Valiante, Alessandro Colosio, Luca Corengia, Stefano Cossa, and Roberto Confalonieri. A new approach for modeling crop-weed interaction targeting management support in operational contexts: a case study on the rice weeds barnyardgrass and red rice. *Ecological Modelling*, 463(??):??, January 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003434`.

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[MYACC22] Gerardo Martín, Carlos Yáñez-Arenas, and Xavier Chiappa-Carrara. Discrepancies between point process models and environmental envelopes identify the niche centroid — geography configuration. *Ecological Modelling*, 469(??):??, July 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000898`.

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[MYH+20] Yoshio Masuda, Yasuhiro Yamanaka, Takafumi Hirata, Hideyuki Nakano, and Takashi S. Kohyama. Inhibition of competitive exclusion due to phytoplankton dispersion: a contribution for solving Hutchinson's paradox. *Ecological Modelling*, 430(??):??, August 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301617`.

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[MZLRSZ21] M. V. Morales-Zárate, J. A. López-Ramírez, and C. A. Salinas-Zavala. Loggerhead marine turtle (*Caretta caretta*) ecological facts from a trophic relationship model in a hot spot fishery area: Gulf of Ulloa, Mexico. *Ecological Modelling*, 439(??):??, January 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303963`.

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[MZW+25] Shuaishuai Ma, Huayong Zhang, Zhongyu Wang, Hengchao Zou, and Xiaona Xu. Drivers of aboveground biomass in *Quercus wutaishanica* Mayr forests based on random forest and structural equation modeling: a cross-scale analysis. *Ecological Modelling*, 505(??):??, June 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

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[MZX25] Na Meng, Ying Zhang, and Hui Xiao. Research on accounting for the value of forest ecological products in qilian mountain national park in gansu province. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024003727.

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[NBMD21] L. Nilsson, N. Bunnefeld, J. Minderman, and A. B. Duthie. Effects of stakeholder empowerment on crane

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[NBU+23] Erica A. Newman, Micah Brush, Kaito Umemura, Meng Xu, and John Harte. Defining an ecological equation of state: Response to Riera et al. 2023. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002624`. See [RFHR23, RFHR24].

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[NCG+24] Danial Nayeri, Samuel Cushman, Joseph Ganey, Logan Hysen, Micaela Szykman Gunther, David Willey, and Ho Yi Wan. Multiscale habitat suitability modeling for a threatened raptor offers insight into ecological model transferability. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002333`.

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[NDNN22] Anh Duc Nguyen, Dung Ngoc Do, Hung Duc Nguyen, and Thuy Phuong Nguyen. Stability analysis and Hopf bifurcation of a brown planthopper–rice model under the effect of monsoon. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000631`.

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[NFLvdM24] Vaskar Nepal, Mary C. Fabrizio, Romain Lavaud, and Jaap van der Meer. Bioenergetic strategies contributing to the invasion success of blue catfish. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002187`.

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[NGA+20] Gary A. Nelson, Benjamin I. Gahagan, Michael P. Armstrong, Adrian Jordaan, and Alison Bowden. A life cycle simulation model for exploring causes of population change in alewife (*Alosa pseudoharengus*). *Ecological Modelling*, 422(??):??, April 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300764`.

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[NGA+24] Fatemeh Nakhaii, Seyed Ahmad Ghanbari, Mohammad Reza Asgharipour, Esmaeel Seyedabadi, and Enrico Sciubba. Evaluating ecological sustainability of mechanized and traditional systems of damaskrose production using extended exergy analysis. *Ecological Modelling*, 488(??):??, February

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[NGAM25] Kevin D. Newman, Gurutzeta Guillera-Arroita, and Michael A. McCarthy. An analytical solution for optimising multi-species detection surveys. *Ecological Modelling*, 508(??): ??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001541`.

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[NGE+21] Ayana Neta, Roni Gafni, Hilit Elias, Nitsan Bar-Shmuel, Liora Shaltiel-Harpaz, Efrat Morin, and Shai Morin. Decision support for pest management: Using field data for optimizing temperature-dependent population dynamics models. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304658`.

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[NHB+25] Koffi Dodji Noumonvi, Nils Helge Havertz, Jonas Bohlin, Sebastian van der Linden, Mats B. Nilsson, and Matthias Peichl. HuHoLa: a novel hummock-hollow-lawn mire microtopography modelling approach. *Ecological Modelling*, 508(??):??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001978`.

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[NHGP23] Marcela C. Nascimento, Berengere Husson, Lilia Guillet, and Torstein Pedersen. Modelling the spatial shifts of functional

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[NKT+20] K. Nakayama, K. Komai, K. Tada, H. C. Lin, H. Yajima, S. Yano, M. R. Hipsey, and J. W. Tsai. Modeling dissolved inorganic carbon considering submerged aquatic vegetation. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302593`.

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[NLW+24] Wen Nie, Jianfeng Liu, Qi Wang, Ruizhi Huang, Yipei Zhao, Shaowei Yang, Jingyi Sun, Wenfa Xiao, Aiguo Duan, Yihua

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[NMC+20] Emily Neil, Jens Koed Madsen, Ernesto Carrella, Nicolas Payette, and Richard Bailey. Agent-based modelling as a tool for elephant poaching mitigation. *Ecological Modelling*, 427(??):??, July 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301265`.

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[NMS24] Abbas Nabhani, Elham Mardaneh, and Hanne K. Sjølie. Multi-objective optimization of forest ecosystem services under uncertainty. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001650`.

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[NO24] Tadanobu Nakayama and Masahiro Osako. Plastic tradeoff: Impact of export and import of waste plastic on plastic dynamics in Asian region. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000139`.

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[NPK+23] Peter D. Nooteboom, Joe Scutt Phillips, Christian Kehl, Simon Nicol, and Erik van Sebille. Modelling of tuna around fish aggregating devices: the importance of ocean flow and prey. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002861`.

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[NPS+23] Gorazd Novak, Polona Pengal, Ana T. Silva, José M. Domínguez, Angelo Tafuni, Matjaž Četina, and Dušan Žagar. Interdisciplinary design of a fish ramp using migration routes analysis. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002873`.

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[NS20] Mario A. Natiello and Hernán G. Solari. Modelling population dynamics based on experimental trials with genetically modified (RIDL) mosquitoes. *Ecological Modelling*, 424(??):??, May 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300582`.

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[NT23] Julie K. Nielsen and Cindy A. Tribuzio. Development and parameterization of a data likelihood model for geolocation of a bentho-pelagic fish in the North Pacific Ocean. *Ecological Modelling*, 478(??):??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000108`.

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[NWO21] Tadanobu Nakayama, Qinxue Wang, and Tomohiro Okadera. Evaluation of spatio-temporal variations in water availability using a process-based eco-hydrology model in arid and semi-arid regions of Mongolia. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020304671.

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[PMMTF+24] Miquel Palmer, Irene Moro-Martínez, Joaquim Tomàs-Ferrer, Amalia Grau, María Dolores López-Belluga, Marine Herlin, Orestis Stavrakidis-Zachou, and Andrea Campos-Candela. Assessing between-individual variability in bioenergetics modelling: Opportunities, challenges, and potential applications. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002369`.

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[PR21] Cameron C. Pahl and Luis A. Ruedas. Carnosaurs as apex scavengers: Agent-based simulations reveal possible vulture analogues in late Jurassic dinosaurs. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002611`.

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[PRM+25] Ronny Peters, Ângela Cristina Alves Reis, Ulf Mehlig, Marie-Christin Wimmler, Jonas Vollhüter, Uday Pimple, Britta Tietjen, and Uta Berger. Modelling the dynamics of soil moisture and soil water salinity in tropical saltmarshes. *Ecological Modelling*, 504(??):??, May 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000754`.

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[PSBE23] J. Peirce, G. Sandland, B. Bennie, and R. Erickson. An integral projection model for gizzard shad (*Dorosoma cepedianum*) utilizing density-dependent age-0 survival. *Ecological Modelling*, 477(??):??, March 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022003581`.

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[PSG+22] S. Senthil Pandi, A. Senthilselvi, J. Gitanjali, K. ArivuSelvan, Jagadeesh Gopal, and J. Vellingiri. Rice plant disease classification using dilated convolutional neural network with global average pooling. *Ecological Modelling*, 474(??):??, December 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002678`.

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[PTD+23] Panagiotis Petsas, Marianna Tzivanopoulou, Aggeliki Doxa, Sévrine F. Sailley, and Antonios D. Mazaris. Climate change on sea currents is not expected to alter contemporary migration routes of loggerhead sea turtles. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003180`.

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[PTF23] K. Paff, D. Timlin, and D. H. Fleisher. A comparison of wheat leaf-appearance rate submodules for DSSAT CROPSIM-CERES (CSCER). *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001370`.

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[PTG+20] Holly A. Perryman, Joseph H. Tarnecki, Arnaud Grüss, Elizabeth A. Babcock, Skyler R. Sagarese, Cameron H. Ainsworth, and Alisha M. Gray DiLeone. A revised diet matrix to improve the parameterization of a West Florida Shelf `Ecopath` model for understanding harmful algal bloom impacts. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303989`.

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[PTNR+20] Miriam Püts, Marc Taylor, Ismael Núñez-Riboni, Jeroen Steenbeek, Moritz Stäbler, Christian Möllmann, and Alexander Kempf. Insights on integrating habitat preferences in process-oriented ecological models — a case study of the southern North Sea. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030260X`.

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[PWG25] Miranda R. Peterson, Hsiao-Hsuan Wang, and William E. Grant. Spatially explicit modelling of woody plant encroachment: a review of models published from 2013 through 2022. *Ecological Modelling*, 504(??):??, May 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002500081X`.

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[PYD+21a] Patrick R. Pata, Aletta T. Yñiguez, Josephine Dianne L. Deauna, Asuncion B. De Guzman, Cesaria R. Jimenez, Roselle T. Borja-Del Rosario, and Cesar L. Villanoy. Corrigendum to Insights into the environmental conditions contributing to variability in the larval recruitment of the tropical sardine *Sardinella lemuru*. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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[QS23] Zilong Qin and Zongyao Sha. Modeling the impact of urbanization and climate changes on terrestrial vegetation productivity in China by a neighborhood substitution analysis. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001369.

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[QYW+25] Lingyan Qi, Han Yin, Zhengxin Wang, Liuyi Dai, Liangtao Ye, Kejia Zhang, Mingzhu Guo, Haifeng Qi, and Jiacong Huang. Constructing time-series submerged aquatic vegetation by integrating process-based modeling and satellite images. *Ecological Modelling*, 504(??):??, May 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000602`.

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[QYYA25] Ai-Ya Qiu, Heng Yue, Ze You, and Hao An. Forecasting of factors influencing carbon emission from land-use in Liaoning Province, China, under the "double carbon" target. *Ecological Modelling*, 509(??):??, October 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025002418`.

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[QZ25] Shiru Qiang and Hui Zhang. Effect of adaptive migration with interaction intensity on the evolution of cooperation. *Ecological Modelling*, 508(??):??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002500208X`.

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[RBEC21] Maykol Rodriguez, Antonio Bodini, Francisco J. Escobedo, and Nicola Clerici. Analyzing socio-ecological interactions through qualitative modeling: Forest conservation and implications for sustainability in the peri-urban Bogota (Colombia). *Ecological Modelling*, 439(??):??, January 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304117`.

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[RBVL+20] Paloma Ruiz-Benito, Giorgio Vacchiano, Emily R. Lines, Christopher P. O. Reyer, Sophia Ratcliffe, Xavier Morin, Florian Hartig, Annikki Mäkelä, Rasoul Yousefpour, Jimena E. Chaves, Alicia Palacios-Orueta, Marta Benito-Garzón, Cesar Morales-Molino, J. Julio Camarero, Alistair S. Jump, Jens Kattge, Aleksi Lehtonen, Andreas Ibrom, Harry J. F. Owen, and Miguel A. Zavala. Available and missing data to model impact of climate change on European forests. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303783`.

Reyes-Celis:2025:LTM

[RCCBMCJ25] Juan José Reyes-Celis, Angela Caro-Borrero, Diego R. Macedo, and Javier Carmona-Jiménez. A long-term multiparametric analysis of benthic macroinvertebrate responses to anthropogenic stressors, including a novel multimetric index for evaluating the ecological conditions of mountain rivers in Mexico. *Ecological Modelling*, 508(??):??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001887`.

Ramirez-Carrasco:2022:MMI

[RCCLMGV22] C. Ramirez-Carrasco, F. Córdova-Lepe, F. N. Moreno-Gómez, and N. A. Velásquez. A mathematical model for the

impact of noise on population dynamics of a single species experiencing Lombard effect. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001326`.

Rossini:2020:RDD

[RCSS20] Luca Rossini, Mario Contarini, Maurizio Severini, and Stefano Speranza. Reformulation of the distributed delay model to describe insect pest populations using count variables. *Ecological Modelling*, 436(??):??, November 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303562`.

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[REGI+24] Diego F. Rincon, Evan D. Esch, Javier Gutierrez-Illan, Melissa Tesche, and David W. Crowder. Predicting insect population dynamics by linking phenology models and monitoring data. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001510`.

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[RFCEL22] Claudie Ratté-Fortin, Karem Chokmani, Anas El Alem, and Isabelle Laurion. A regional model to predict the occurrence of natural events: Application to phytoplankton blooms in continental waterbodies. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002381`.

Rodigheri:2024:TBW

[RFdL+24] Grazieli Rodigheri, Denise Cybis Fontana, Luana Becker da Luz, Genei Antonio Dalmago, Lucimara Wolfarth Schirmbeck, Juliano Schirmbeck, Jorge Alberto de Gouvêa, and Gilberto Rocca da Cunha. TVDI-based water stress coefficient to estimate net primary productivity in soybean areas. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000255`.

Rius:2023:HFD

[RFF+23] Bianca Fazio Rius, João Paulo Darela Filho, Katrin Fleischer, Florian Hofhansl, Carolina Casagrande Blanco, Anja Rammig, Tomas Ferreira Domingues, and David Montenegro Lapola. Higher functional diversity improves modeling of Amazon forest carbon storage. *Ecological Modelling*, 481(??): ??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000510`.

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[RFHR23] Rodrigo Riera, Brian D. Fath, Ada M. Herrera, and Ricardo A. Rodríguez. Concerns regarding the proposal for an ecological equation of state: an assessment starting from the organic biophysics of ecosystems (OBEC). *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001916`. See response [NBU+23] and reply [RFHR24].

Riera:2024:SRI

[RFHR24] Rodrigo Riera, Brian D. Fath, Ada M. Herrera, and Ricardo A. Rodríguez. A strategic roadmap for interdisciplinary modeling in ecology: the result of reading *Defining an ecological equation of state: Response to Riera et al. 2023* (Newman et al., 2023). *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000449`. See [RFHR23, NBU+23].

Rau:2022:TIT

[RFJ+22] E-Ping Rau, Fabian Fischer, Émilie Joetzjer, Isabelle Maréchaux, I Fang Sun, and Jérôme Chave. Transferability of an individual- and trait-based forest dynamics model: a test case across the tropics. *Ecological Modelling*, 463(??):??, January 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100346X`.

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[RFPRC23] Claudie Ratté-Fortin, Jean-François Plante, Alain N. Rousseau, and Karem Chokmani. Parametric versus non-parametric machine learning modelling for conditional density estimation of natural events: Application to harmful algal blooms. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001461`.

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[RGB22] Trina Roy, Sinchan Ghosh, and Sabyasachi Bhattacharya. A new growth curve model portraying the stress response regulation of fish: Illustration through particle motion and real data. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001120`.

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[RGB+23] Baptiste Rouger, Isabelle Goldringer, Pierre Barbillon, Anne Miramon, Abdel Kader Naino Jika, and Mathieu Thomas. Sensitivity analysis of a crop metapopulation model. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002757`.

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[RGD20] Andres F. Rodriguez, Stefan Gerber, and Samira H. Daroub. Modeling soil subsidence in a subtropical drained peatland. The case of the Everglades Agricultural Area. *Ecological Modelling*, 415(??):??, January 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303679`.

Richter:2022:CSB

[RGD+22] Ian A. Richter, Henrique Corrêa Giacomini, Derrick Tupper De Kerckhove, Donald A. Jackson, and Nicholas Edward Jones. Correcting for size bias in electrofishing removal samples. *Ecological Modelling*, 467(??):??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

tronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022000527.

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[RGH+25] Alanna J. Rebelo, Julia Glenday, Petra B. Holden, Shaeden Gokool, David Gwapedza, Peni Metho, and Jane Tanner. Structural differences across hydrological models affect certainty of predictions of nature-based solution benefits. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024003284.

Rodriguez-Gonzalez:2020:EFL

[RGRMRR20] Pablo T. Rodriguez-Gonzalez, Ramiro Rico-Martinez, and Vicente Rico-Ramirez. Effect of feedback loops on the sustainability and resilience of human-ecosystems. *Ecological Modelling*, 426(??):??, June 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020300909.

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[RGW+25] Carlo Romoli, Benoit Goussen, Lennart Weltje, Pernille Thorbek, Douglas J. Fort, Brittanie F. Peake, Joachim Kleinmann, and Erik B. Muller. Dynamic energy budget modelling of anuran metamorphosis. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024003247.

Rafaai:2025:USM

[RHN+25] Nur Hairunnisa Rafaai, Hazizi Husain, Shukor Md Nor, Amal Najihah Muhamad Nor, Aainaa Amir, Muhamad Azahar Abas, Nor Hizami Hassin, Ashiah Rosdi, Siti Balqis Jaafar, Farah Nabila Ahmad, Fazrin Munirah Atan, Ahmad Shahdan Kasim, Hairulazim Mahmud, Salman Saaban, and Kamarul Hambali. Utilizing spatial modeling to evaluate habitat suitability and develop conservation corridors for effective conservation planning of Asian elephants (*Elephas maximus*) in Jeli, Kelantan, Malaysia. *Ecological Modelling*, 502(??):??, March 2025. CODEN ECMODT. ISSN 0304-3800 (print),

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[RHP+24] Mohammad Hassan Ranjbar, David P. Hamilton, Michael L. Pace, Amir Etemad-Shahidi, Cayelan C. Carey, and Fernanda Helfer. Individual-based modelling of adaptive physiological traits of cyanobacteria: Responses to light history. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001911.

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[RJY+20] Jeffrey S. Ren, Xianshi Jin, Tao Yang, Sebastiaan A. L. M. Kooijman, and Xiujuan Shan. A dynamic energy budget model for small yellow croaker *Larimichthys polyactis*: Parameterisation and application in its main geographic distribution waters. *Ecological Modelling*, 427(??):??, July 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002030123X.

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[RK20] Edward B. Rastetter and Bonnie L. Kwiatkowski. An approach to modeling resource optimization for substitutable and interdependent resources. *Ecological Modelling*, 425(??):??, June 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020301058.

Rhomad:2021:MIN

[RKN+21] Hanane Rhomad, Karima Khalil, Ramiro Neves, Blaid Bougadir, and Khalid Elkalay. Modeling investigation of the nutrients and phytoplankton dynamics in the Moroccan Atlantic coast: a case study of Agadir coast. *Ecological Modelling*, 447(??):??, May 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021000818.

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[RLdM20] Pavel Rotter, Michel Loreau, and Claire de Mazancourt. Why do forests respond differently to nitrogen deposition? A modelling approach. *Ecological Modelling*, 425(??):??, June 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030106X`.

Richard:2024:TSR

[RLH24] Romain Richard, Jude Antoine Lugsanay, and Shu-Ping Huang. The temperature-size rule in the context of Dynamic Energy Budget theory. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001492`.

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[RLM23] Antoine Ricouard, Sigrid Lehuta, and Stéphanie Mahévas. Are maximum yields sustainable? Effect of intra-annual time-scales on MSY, stability and resilience. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000492`.

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[RLS+24] Matteo Rizzuto, Shawn J. Leroux, Oswald J. Schmitz, Eric Vander Wal, Yolanda F. Wiersma, and Travis R. Heckford. Animal-vectored nutrient flows across resource gradients influence the nature of local and meta-ecosystem functioning. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003009`.

Romanov:2020:LBP

[RM20] Michael S. Romanov and Vladimir B. Masterov. Low breeding performance of the Steller's sea eagle (*Haliaeetus pelagicus*) causes the populations to decline. *Ecological Modelling*, 420(??):??, March 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303850`.

Rondon:2024:BMS

[RMA+24] Diego Rondon, Samu Mäntyniemi, Jouni Aspi, Laura Kvist, and Mikko J. Sillanpää. A Bayesian multi-state model with data augmentation for estimating population size and effect of inbreeding on survival. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000504`.

Ramirez-Mejia:2024:HME

[RMCCB24] Andrés F. Ramírez-Mejía, Natacha P. Chacoff, Pablo Cavigliasso, and Pedro G. Blendinger. How much is enough? Optimizing beehive stocking densities to maximize the production of a pollinator-dependent crop. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002795`.

Rumiano:2024:CSM

[RMD+24a] Florent Rumiano, Eve Miguel, Victor Dufleit, Pascal Degenne, Cedric Gaucherel, Hugo Valls-Fox, Michel de Garine-Wichatitsky, Edson Gandiwa, Alexandre Caron, and Annelise Tran. Corrigendum to "Spatial mechanistic modelling to simulate movements and contacts between wildlife and livestock in Southern Africa" [ecological modelling **498** (2024)/110863]. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002904`. See [RMD+24b].

Rumiano:2024:SMM

[RMD+24b] Florent Rumiano, Eve Miguel, Victor Dufleit, Pascal Degenne, Cédric Gaucherel, Hugo Valls-Fox, Michel de Garine-Wichatitsky, Edson Gandiwa, Alexandre Caron, and Annelise Tran. Spatial mechanistic modelling to simulate movements and contacts between wildlife and livestock in Southern Africa. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002515`. See corrigendum [RMD+24a].

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[RMGNA25] Armand Rausell-Moreno, Núria Galiana, Babak Naimi, and Miguel B. Araújo. Improving species distribution models by optimising background points: Impacts on current and future climate projections. *Ecological Modelling*, 507(??):??, August 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001620`.

Revilla:2021:PCU

[RMK21] Tomás A. Revilla, Thomas Marcou, and Vlastimil Křivan. Plant competition under simultaneous adaptation by herbivores and pollinators. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001939`.

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[RMO22] Selebalo Joseph Ramakhanna, Botle Esther Mapeshoane, and Christian Thine Omuto. Carbon sequestration potential in croplands in Lesotho. *Ecological Modelling*, 471 (??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001624`.

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[RMS24] Tanya G. Riley, Beth Mouat, and Rachel Shucksmith. Real world data for real world problems: Importance of appropriate spatial resolution modelling to inform decision makers in marine management. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002527`.

Raapoto:2024:ARC

[RMV+24] H. Raapoto, C. J. Monaco, S. Van Wynsberge, R. Le Gendre, and J. Le Luyer. Assessing regional connectivity patterns of bivalvia in fragmented archipelagos: Insights from biophysical modeling in French Polynesia. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000152`.

Revutskaya:2025:FRP

[RNF25] Oksana Revutskaya, Galina Neverova, and Efim Frisman. Fluctuations in real population sizes: Mathematical modeling and estimation of demographic parameters. *Ecological Modelling*, 507(??):??, August 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001607`.

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[RP22] Carlo Ricotta and Sandrine Pavoine. A new parametric measure of functional dissimilarity: Bridging the gap between the Bray–Curtis dissimilarity and the Euclidean distance. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000084`.

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[RPARM20] María Rocío Ruíz-Pérez, M. Desirée Alba-Rodríguez, and Madelyn Marrero. The water footprint of city naturalisation. Evaluation of the water balance of city gardens. *Ecological Modelling*, 424(??):??, May 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301034`.

Ramirez:2023:MPD

[RPB+23] Jorge A. Ramirez, Nadav Peleg, Andy J. Baird, Dylan M. Young, Paul J. Morris, Marie Larocque, and Michelle Garneau. Modelling peatland development in high-boreal Quebec, Canada, with `DigiBog_Boreal`. *Ecological Modelling*, 478(??):??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000261`.

Rakel:2020:IBD

[RPG20] Kim J. Rakel, Thomas G. Preuss, and André Gergs. Individual-based dynamic energy budget modelling of earthworm life-histories in the context of competition. *Ecological Modelling*, 432(??):??, September 15, 2020. CODEN

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[RPT21] Xavier Rotllan-Puig and Anna Traveset. Determining the minimal background area for species distribution models: MinBAR package. *Ecological Modelling*, 439(??):??, January 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304191`.

Rossini:2025:GDF

[RRB+25] Luca Rossini, Nicolás Bono Rosselló, Ouassim Benhamouche, Mario Contarini, Stefano Speranza, and Emanuele Garone. A general DDE framework to describe insect populations: Why delays are so important? *Ecological Modelling*, 499(??):??, January 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003259`.

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[RRCZ20] Jeffrey S. Ren, Norman L. C. Ragg, Vonda J. Cummings, and Jihong Zhang. Ocean acidification and dynamic energy budget models: Parameterisation and simulations for the green-lipped mussel. *Ecological Modelling*, 426(??):??, June 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301411`.

Ruiz-Rodriguez:2022:RWB

[RRFLV+22] Carmen Ruiz-Rodríguez, Javier Fernández-López, Joaquín Vicente, José A. Blanco-Aguiar, and Pelayo Acevedo. Revisiting wild boar spatial models based on hunting yields to assess their predictive performance on interpolation and extrapolation areas. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002200151X`.

Riecke:2025:HPM

[RRL+25] Thomas V. Riecke, Pierre-Alain Ravussin, Ludovic Longchamp, Daniel Trolliet, Dan Gibson, and Michael Schaub. A hier-

archical population model for the estimation of latent prey abundance and demographic rates of a nomadic predator. *Ecological Modelling*, 504(??):??, May 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000638`.

Reichert:2023:MCC

[RRP+23] Tatiana Reichert, Anja Rammig, Phillip Papastefanou, Laynara F. Lugli, João P. Darela Filho, Konstantin Gregor, Lucia Fuchslueger, Carlos A. Quesada, and Katrin Fleischer. Modeling the carbon costs of plant phosphorus acquisition in Amazonian forests. *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002211`.

Rossini:2021:GOB

[RRSG21] Luca Rossini, Nicolás Bono Rosselló, Stefano Speranza, and Emanuele Garone. A general ODE-based model to describe the physiological age structure of ectotherms: Description and application to *Drosophila suzukii*. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002313`.

Raj:2023:SPM

[RS23] Alok Raj and Laxmi Kant Sharma. Spatial E-PSR modelling for ecological sensitivity assessment for arid rangeland resilience and management. *Ecological Modelling*, 478(??):??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300011X`.

Rafiei-Sardooi:2022:LTA

[RSASP22] Elham Rafiei-Sardooi, Ali Azareh, Sharif Joorabian Shooshtari, and Eric J. R. Parteli. Long-term assessment of land-use and climate change on water scarcity in an arid basin in Iran. *Ecological Modelling*, 467(??):??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000576`.

Raju:2023:VHR

[RSB+23] Anjumol Raju, S. Sijikumar, Pramit Kumar Deb Burman, Vinu Valsala, Yogesh K. Tiwari, Sandipan Mukherjee, Priyanka Lohani, and Kireet Kumar. Very high-resolution Net Ecosystem Exchange over India using Vegetation Photosynthesis and Respiration Model (VPRM) simulations. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000686`.

Ricci:2021:MTR

[RSC+21] P. Ricci, L. Sion, F. Capezzuto, G. Cipriano, G. D'Onghia, S. Libralato, P. Maiorano, A. Tursi, and R. Carlucci. Modelling the trophic roles of the demersal Chondrichthyes in the Northern Ionian Sea (Central Mediterranean Sea). *Ecological Modelling*, 444(??):??, March 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000405`.

Ricci:2023:IFC

[RSC+23] P. Ricci, N. Serpetti, D. Cascione, G. Cipriano, G. D'Onghia, D. De Padova, C. Fanizza, M. Ingrosso, and R. Carlucci. Investigating fishery and climate change effects on the conservation status of odontocetes in the Northern Ionian Sea (Central Mediterranean Sea). *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002302`.

Rana:2024:DBS

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[SGH+23] Anglu Shen, Shufei Gao, Christopher M. Heggerud, Hao Wang, Zengling Ma, and Sanling Yuan. Fluctuation of growth and photosynthetic characteristics in *Prorocentrum shikokuense* under phosphorus limitation: Evidence from field and laboratory. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000388`.

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[SGLK20] Bastien Sadoul, Benjamin Geffroy, Stephane Lallement, and Michael Kearney. Multiple working hypotheses for hyperallometric reproduction in fishes under metabolic theory.

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[SGP+20] S. Savoca, G. Grifó, G. Panarello, M. Albano, S. Giacobbe, G. Capillo, N. Spanó, and G. Consolo. Modelling prey-predator interactions in Messina beachrock pools. *Ecological Modelling*, 434(??):??, October 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302763`.

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[SGPSzC22] Hannah Schrenk, Carlos Garcia-Perez, Nico Schreiber, and Wolfgang zu Castell. `QtAC`: an R-package for analyzing complex systems development in the framework of the adaptive cycle metaphor. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003987`.

Stankova:2024:PEM

[SGRDA+24] Tatiana V. Stankova, Miguel Ángel González-Rodríguez, Ulises Diéguez-Aranda, Angel Ferezliev, Proletka Dimitrova, Kristiyan Kolev, and Penka Stefanova. Productivity-environment models for Scots pine plantations in Bulgaria: an interaction of anthropogenic origin peculiarities and climate change. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000437`.

Schneider:2021:MMA

[SGTS21] Lisa K. Schneider, Nathalie Gypens, Tineke A. Troost, and Willem Stolte. Modeling mixoplankton along the biogeochemical gradient of the Southern North Sea. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002477`. See corrigendum [SGTS23].

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[SGTS23] Lisa K. Schneider, Natalie Gypens, Tineke A. Troost, and Willem Stolte. Corrigendum to 'Modeling mixoplankton along the biogeochemical gradient of the Southern North Sea' Ecological Modelling **458** (2021) 0304-3800/109690. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001059`. See [SGTS21].

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[SGV+24] Maeva Sorel, Pierre-Emmanuel Gay, Camille Vernier, Sory Cissé, and Cyril Piou. Upwind flight partially explains the migratory routes of locust swarms. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000115`.

Sharma:2025:CUP

[SGV25a] P. Sharma, G. Gyalog, and M. Varga. Corrigendum to "Unified process model-based assessment of environmental interactions and ecosystem services of a managed fishpond-reed agroecosystem" [Ecological Modelling **506** (2025) 111151]. *Ecological Modelling*, 508(??):??, September 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025002145`. See [SGV25b].

Sharma:2025:UPM

[SGV25b] P. Sharma, G. Gyalog, and M. Varga. Unified process model-based assessment of environmental interactions and ecosystem services of a managed fishpond-reed agroecosystem. *Ecological Modelling*, 506(??):??, July 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002500136X`. See corrigendum [SGV25a].

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[SH25] Charlotte Schampera and Ferdi L. Hellweger. A mechanistic population-level (i.e., differential equation) model of *Microcystis* growth and toxin production. *Ecological*

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[SHF24] Maria Skartsæterhagen, Cecilie Hansen, and Elizabeth A. Fulton. Exploring ecosystem effects of underwater noise in the Nordic Seas, using the NoBa–Atlantis E2E model. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024000929.

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[SHT21] Julia S. Schmid, Andreas Huth, and Franziska Taubert. Influences of traits and processes on productivity and functional composition in grasslands: a modeling study. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020304592.

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[SINS22] Akio Sohma, Riku Imada, Tetsuya Nishikawa, and Hisashi Shibuki. Modeling the life cycle of four types of phytoplankton and their bloom mechanisms in a benthic-pelagic coupled ecosystem. *Ecological Modelling*, 467(??):??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022000102.

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[SIOM24] Kengo Shinohara, Yuji Ito, Suguru Okunishi, and Hiroto Maeda. Elucidating the seasonal dominance replacement mechanism of harmful raphidophytes *Chattonella marina* and *Heterosigma akashiwo* using the Lotka–Volterra model. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024000486.

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[SJA+22] Fernanda Santibañez, Julien Joseph, Guillermo Abramson, Marcelo N. Kuperman, María Fabiana Laguna, and Lucas A. Garibaldi. Designing crop pollination services: a spatially explicit agent-based model for real agricultural landscapes. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001983`.

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[SJH+23] Vamsi Krishna Sridharan, Doug Jackson, Andrew M. Hein, Russell W. Perry, Adam C. Pope, Noble Hendrix, Eric M. Danner, and Steven T. Lindley. Simulating the migration dynamics of juvenile salmonids through rivers and estuaries using a hydrodynamically driven enhanced particle tracking model. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001242`.

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[SKAB25] Oriol Solà, Marc Kéry, Núria Aquilué, and Lluís Brotons. Sampling effort required for fitting spatially explicit models of species distribution dynamics. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003867`.

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[SKH+20] Lucas Streib, Mira Kattwinkel, Henriette Heer, Stefan Ruzika, and Ralf B. Schäfer. How does habitat connectivity influence the colonization success of a hemimetabolous aquatic insect? — a modeling approach. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438001930417X`.

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[SKPL24] Simon Scheiter, Dushyant Kumar, Mirjam Pfeiffer, and Liam Langan. Modeling drought mortality and resilience

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[SKW23] Alois Simon, Klaus Katzensteiner, and Gudrun Wallentin. The integration of hierarchical levels of scale in tree species distribution models of silver fir (*Abies alba* Mill.) and European beech (*Fagus sylvatica* L.) in mountain forests. *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002296`.

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[SL24] Brecht Stechele and Romain Lavaud. Including ocean acidification effects on biocalcification through dynamic energy budget modelling. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002047`.

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[SLB+20a] Alexandre Schickele, Boris Leroy, Gregory Beaugrand, Eric Goberville, Tarek Hattab, Patrice Francour, and Virginie Raybaud. Modelling European small pelagic fish distribution: Methodological insights. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304107`.

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[SLB20b] Chunqi Shen, Qian Liao, and Harvey A. Bootsma. Modelling the influence of invasive mussels on phosphorus cycling in Lake Michigan. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304284`.

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[SLB+23] Daniel Spring, Thao P. Le, Samuel Adam Bloom, Jonathan M. Keith, and Tom Kompas. Reconstructing the dynamics of managed populations to estimate the impact of citizen surveillance. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003039`.

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[SLC+20] Jingyao Sun, Xinrong Li, Ning Chen, Yanli Wang, and Guang Song. Regular pattern formation regulates population dynamics: Logistic growth in cellular automata. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303862`.

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[SLC+23] Boris Sauterey, Guillaume Le Gland, Pedro Cermeño, Olivier Aumont, Marina Lévy, and Sergio M. Vallina. Phytoplankton adaptive resilience to climate change collapses in case of extreme events — a modeling study. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001680`.

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[SLHB+23] Nuria Sánchez-López, Andrew T. Hudak, Luigi Boschetti, Carlos A. Silva, Kevin Robertson, E. Louise Loudermilk, Benjamin C. Bright, Mac A. Callaham, and Melanie K. Taylor. A spatially explicit model of tree leaf litter accumulation in fire maintained longleaf pine forests of the southeastern US. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000972`.

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[SLLW21] Erin Simons-Legaard, Kasey Legaard, and Aaron Weiskittel. Projecting complex interactions between forest harvest and succession in the northern Acadian Forest Region.

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[SLM24] Tanya T. Shoot, Tristan A. F. Long, and Noam Miller. Debugging collective digging in *Drosophila melanogaster* using an agent-based model. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001698`.

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[SLY+21] Syed Mahboob Shah, Gengyuan Liu, Qing Yang, Marco Casazza, Feni Agostinho, and Biagio F. Giannetti. Sustainability assessment of agriculture production systems in Pakistan: a provincial-scale energy-based evaluation. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002143`.

Sangare:2020:IEV

[SLYL+20] Nathanaël Sangare, Alain Lo-Yat, Gilles Le Moullac, Laure Pecquerie, Yoann Thomas, Sébastien Lefebvre, Romain Le Gendre, Benoît Beliaeff, and Serge Andréfouët. Impact of environmental variability on *Pinctada margaritifera* life-history traits: a full life cycle DEB modeling approach. *Ecological Modelling*, 423(??):??, May 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300788`.

Sells:2020:ETS

[SM20] Sarah N. Sells and Michael S. Mitchell. The economics of territory selection. *Ecological Modelling*, 438(??):??, December 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303975`.

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[SM22a] Umi Syahirah Binti Umar Sharif and Mohd Hafiz Mohd. Combined influences of environmental enrichment and harvesting mediate rich dynamics in an intraguild predation fishery system. *Ecological Modelling*, 474(??):??, December 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002411`.

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[SM22b] G. F. Sutton and G. D. Martin. Testing MaxEnt model performance in a novel geographic region using an intentionally introduced insect. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002200240X`.

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[SMD+20] Guillaume Simioni, Guillaume Marie, Hendrik Davi, Nicolas Martin-St Paul, and Roland Huc. Natural forest dynamics have more influence than climate change on the net ecosystem production of a mixed Mediterranean forest. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304296`.

Sun:2020:MEE

[SML+20] Yuanyuan Sun, Xianqiang Mao, Gengyuan Liu, Xinan Yin, and Yanwei Zhao. Modelling the effects of energy taxes on ecological footprint transfers in China's foreign trade. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302702`.

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[SMM+22] Muhammad Shaukat, Sher Muhammad, Ellen D. V. L. Maas, Tasneem Khaliq, and Ashfaq Ahmad. Predicting methane emissions from paddy rice soils under biochar and nitrogen addition using DNDC model. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print),

1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022000230.

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[SMMT25] Antoine Sion, Matteo Marcantonio, Stefano Masier, and Elio Tuci. On the evolution of dispersal strategies under the costs of acquisition of private and social information. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024003922.

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[SMP20] Nicola J. Smith, Garry W. McDonald, and Murray G. Patterson. Biogeochemical cycling in the Anthropocene: Quantifying global environment–economy exchanges. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380019303242.

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[SMS+24] Tim M. Szewczyk, Pippa J. Moore, Dan A. Smale, Thomas Adams, and Michael T. Burrows. Mechanistic simulations of kelp populations in a dynamic landscape of light, temperature, and winter storms. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023003204.

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[SMV+20] Jessica L. Stubbs, Nina Marn, Mathew A. Vanderklift, Sabrina Fossette, and Nicola J. Mitchell. Simulated growth and reproduction of green turtles (*Chelonia mydas*) under climate change and marine heatwave scenarios. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020302568.

Silva:2023:IPC

[SNM+23] Gabriela Cristina Costa Silva, Júlio César Lima Neves, Gustavo Eduardo Marcatti, Carlos Pedro Boechat Soares,

Natalino Calegario, Carlos Alberto Araújo Júnior, Duberlí Geomar Elera Gonzáles, José Marinaldo Gleriani, Daniel Henrique Breda Binoti, Haroldo Nogueira de Paiva, and Helio Garcia Leite. Improving 3-PG calibration and parameterization using artificial neural networks. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000297`.

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[SNN24] Teresa G. Schwemmer, Roger M. Nisbet, and Janet A. Nye. Attributing hypoxia responses of early life *Menidia menidia* to energetic mechanisms with Dynamic Energy Budget theory. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002771`.

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[SNP+23] Ritika Srinet, Subrata Nandy, N. R. Patel, Hitendra Padalia, Taibanganba Watham, Sanjeev K. Singh, and Prakash Chauhan. Simulation of forest carbon fluxes by integrating remote sensing data into biome-BGC model. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002836`.

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[SOP22] Peter Schippers, Wim A. Ozinga, and Rogier Pouwels. Factors affecting functional diversity of grassland vegetations. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001831`.

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[SOV21] Yunyi Shen, Erik R. Olson, and Timothy R. Van Deelen. Spatially explicit modeling of community occupancy using Markov random field models with imperfect observation: Mesocarnivores in Apostle Islands National Lakeshore. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

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Sun:2025:IPB

[SOZ+25] Wenguang Sun, Stephen M. Ogle, Yao Zhang, Andrew E. Schuh, Ian T. Baker, Troy S. Magney, Francis Ulep, and Shahriar S. Heydari. Improving process-based modeling of crop production in the DayCent ecosystem model with solar-induced chlorophyll fluorescence. *Ecological Modelling*, 505(??):??, June 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380025001024.

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[SPB+24] Rebecca L. Scott, Nathan F. Putman, R. Taylor Beyea, Hallie C. Repeta, and Cameron H. Ainsworth. Modeling transport and feeding of juvenile Kemp's ridley sea turtles on the West Florida shelf. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024000474.

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[SPM25] Sangeeta Saha, Swadesh Pal, and Roderick Melnik. Analysis of the impact of fear in the presence of additional food and prey refuge with nonlocal predator–prey models. *Ecological Modelling*, 505(??):??, June 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380025000894.

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[SPPC21] Sanjiv K. Sinha, Hitendra Padalia, N. R. Patel, and Prakash Chauhan. Modelling sun-induced fluorescence for improved evaluation of forest carbon flux (GPP): Case study of tropical deciduous forest, India. *Ecological Modelling*, 449(??):??, June 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021001228.

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[SPV+20] Michiel Stock, Niels Piot, Sarah Vanbesien, Bernard Vaissière, Clémentine Coiffait-Gombault, Guy Smagghe, and Bernard De Baets. Information content in pollination network reveals missing interactions. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302325`.

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[SPV+21] Michiel Stock, Niels Piot, Sarah Vanbesien, Joris Meys, Guy Smagghe, and Bernard De Baets. Pairwise learning for predicting pollination interactions based on traits and phylogeny. *Ecological Modelling*, 451(??):??, July 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100079X`.

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[SPV25] Peter Schippers, Rogier Pouwels, and Jana Verboom. Connecting the dots: Assessing landscape connectivity algorithms for biodiversity conservation. *Ecological Modelling*, 507(??):??, August 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002500170X`.

Serpetti:2025:EST

[SPW+25] Natalia Serpetti, Chiara Piroddi, William J. Walters, Elisa Garcia-Gorriz, Svetla Miladinova, and Diego Macias. Ecotracer set up to trace microplastics up the Black Sea marine food web. *Ecological Modelling*, 509(??):??, October 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025002571`.

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[SQDM21] Zuchong Shang, Yuanhua Qiao, Lijuan Duan, and Jun Miao. Bifurcation analysis and global dynamics in a predator–prey system of Leslie type with an increasing functional response. *Ecological Modelling*, 455(??):??, September 1, 2021. CO-

DEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002192`.

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[SQS+25] Markus E. Schorn, Martin F. Quaas, Hanna Schenk, Christian Wirth, and Nadja Rüger. Optimising profits from timber harvest and the biodiversity conservation value in a central European beech forest using a novel bioeconomic forestry model. *Ecological Modelling*, 505(??):??, June 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000948`.

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[SRÁMH+20] José Salgado-Rojas, Eduardo Álvarez-Miranda, Virgilio Hermoso, Jordi Garcia-Gonzalo, and Andrés Weintraub. A mixed integer programming approach for multi-action planning for threat management. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304090`.

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[STQ+22] Rimple Sandhu, Charles Tripp, Eliot Quon, Regis Thedin, Michael Lawson, David Brandes, Christopher J. Farmer, Tricia A. Miller, Caroline Draxl, Paula Doubrawa, Lindy Williams, Adam E. Duerr, Melissa A. Braham, and Todd Katzner. Stochastic agent-based model for predicting turbine-scale raptor movements during updraft-subsidized directional flights. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000047`.

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[STW+23] Emily A. Sinnott, Frank R. Thompson, Mitch D. Weegman, Thomas R. Thompson, Alisha R. Mosloff, R. Kyle Hedges, and Frank L. Loncarich. Evaluation of seasonal site-level demography and management for northern bobwhite using integrated population models. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S030438002200309X`.

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[SVK20] Rafael Schouten, Peter A. Vesk, and Michael R. Kearney. Integrating dynamic plant growth models and microclimates for species distribution modelling. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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[SWHZ22] Yinfang Shi, Zhaoyang Wang, Cheng Hou, and Puhan Zhang. Yield estimation of *Lycium barbarum* L. based on the WOFOST model. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022002472.

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[SWL+23] Andrew Slade, Andy White, Peter W. W. Lurz, Craig Shuttleworth, David G. Tosh, and Joshua P. Twining. Indirect effects of pine marten recovery result in benefits to native prey through suppression of an invasive species and a shared pathogen. *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ???? URL http://www.sciencedirect.com/science/article/pii/S0304380022003143.

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[SWW+23] Lili Song, Yingying Wu, Moyu Wu, Jie Ma, and Wei Cao. An integrated approach to model connectivity and identify modules for habitat networks. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001771`.

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[SWW+25] Rick D. Saylor, John T. Walker, Zhiyong Wu, Xi Chen, Donna B. Schwede, A. Christopher Oishi, and Nebila Lichiheb. Dynamic ammonia exchange within a mixed deciduous forest canopy in the Southern Appalachians. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003958`.

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[SZ20] Chenyu Song and Haiping Zhang. Study on turbidity prediction method of reservoirs based on long short term memory neural network. *Ecological Modelling*, 432(??):??, September 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302805`.

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[SZC+25] Tao Sun, Xinhua Zhang, Yujie Cai, Chun Yang, and Zhurui Gao. Response of gross primary productivity to flash droughts on the Qinghai–Tibetan Plateau. *Ecological Modelling*, 500(??):??, January 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003417`.

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[SZKLL24] Orestis Stavrakidis-Zachou, Evridiki Klagkou, Eleni Livanou, and Konstadia Lika. Modeling the bioenergetics of two herbivorous fish species in the Mediterranean Sea: the native *Sarpa salpa* and the invasive *Siganus rivulatus*. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001923`.

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[TBM+24] Noelle E. Thompson, David J. Butts, Michael S. Murillo, Daniel J. O'Brien, Sonja A. Christensen, William F. Porter, and Gary J. Roloff. An individual-based model for direct and indirect transmission of chronic wasting disease in free-ranging white-tailed deer. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000851`.

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[TCB21] Stephanie D. Thurner, Sarah J. Converse, and Trevor A. Branch. Modeling opportunistic exploitation: increased extinction risk when targeting more than one species. *Ecological Modelling*, 454(??):??, August 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001733`.

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[TCG+20] M. M. Téllez, T. Cabello, M. Gámez, F. J. Burguillo, and E. Rodríguez. Comparative study of two predatory mites *Amblyseius swirskii* Athias-Henriot and *Transeius montdorensis* (Schichaa) by predator–prey models for improving biological control of greenhouse cucumber. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302672`.

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[TCS21] Juan S. Acero Triana, Maria L. Chu, and Jeffrey A. Stein. Assessing the impacts of agricultural conservation practices

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[TDI+20] Motomu Toda, Kazuki Doi, Masae I. Ishihara, Wakana A. Azuma, and Masayuki Yokozawa. A Bayesian inversion framework to evaluate parameter and predictive inference of a simple soil respiration model in a cool-temperate forest in western Japan. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304260`.

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[TFH+25] Antti Takolander, Louise Forsblom, Seppo Hellsten, Jari Ilmonen, Ari-Pekka Jokinen, Niko Kallio, Sampsa Koponen, Sakari Väkevä, and Elina Virtanen. Cross-realm transferability of species distribution models — species characteristics and prevalence matter more than modelling methods applied. *Ecological Modelling*, 499(??):??, January 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003387`.

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[TGL+22] Tuvia Turkeltaub, Kate Gongadze, Yihe Lü, Mingbin Huang, Xiaoxu Jia, Huiyi Yang, Ming'an Shao, Andrew Binley, Paul Harris, and Lianhai Wu. A review of models for simulating the soil-plant interface for different climatic conditions and land uses in the Loess Plateau, China. *Ecolog-*

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[TGRM23] Birhan Getachew Tikuye, Laurence Gill, Milos Rusnak, and Busnur R. Manjunatha. Modelling the impacts of changing land use and climate on sediment and nutrient retention in Lake Tana Basin, Upper Blue Nile River Basin, Ethiopia. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300114X`.

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[TK20b] Benjamin L. Turner and Srinadh Kodali. Soil system dynamics for learning about complex, feedback-driven agricultural resource problems: model development, evaluation, and sensitivity analysis of biophysical feedbacks. *Ecological Modelling*, 428(??):??, July 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301228`.

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[TKO+22] K. Tsujimoto, N. Kuriya, T. Ohta, K. Homma, and M. So Im. Quantifying the GCM-related uncertainty for climate change impact assessment of rainfed rice production in Cambodia by a combined hydrologic–rice growth model. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003604`.

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[TLH+20] Fenghao Tian, Mingyu Li, Xulong Han, Hui Liu, and Boxian Mo. A production–living–ecological space model for land-use optimisation: a case study of the core Tumen River region in China. *Ecological Modelling*, 437(??):??, December 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030380X`.

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[TPD+24] Meryl Theng, Thomas A. A. Prowse, Steven Delean, Phillip Cassey, and Chloe Bracis. Integrating resource memory and cue-based territoriality to simulate movement dynamics: a process-explicit and pattern-oriented approach. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023002909.

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[TQM+24] Yujie Tang, Yunfa Qiao, Yinzheng Ma, Weiliang Huang, Khan Komal, and Shujie Miao. Quantifying greenhouse gas emissions in agricultural systems: a comparative analysis of process models. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000358`.

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[TRMB20] Yoann Thomas, Ntsoa Rakoto Razafimahefa, Alain Ménesguen, and Cédric Bacher. Multi-scale interaction processes modulate the population response of a benthic species to global warming. *Ecological Modelling*, 436(??):??, November 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303653`.

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