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, 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, Ano25m, Ano25n, Ano25o, Ano25q, Ano25p, Ano25r, Ano25s]. **21st** [YCK20]. **239** [DMdR24]. **283** [Ano25l].

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** [WHE+24a]. **495** [HWSD25, MAW+24a]. **498** [RMD+24a]. **499** [BEH+25a].

78 [Ano25l].

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, 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, 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** [JS22, MZX25, BARF20, BDA+20, CAS+24, DS24, HGBK23, JJN22, MBFS21, NND+22, SCG+24]. **accretion** [BMAME+23]. **accumulated** [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, RFJ+22, RGH+25, RLS+24, YYS+22]. **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, 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]. **Advanced** [ASB25, COJ23, KHS+23, LE23]. **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, 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** [Haa24, LSH24, MKN23]. **Agasthyamalai** [POWS24]. **Age** [FGM+24, BMM22, DIS23, LSK24, MMC+21, PSBE23, RRSG21, WZ25, XFK21, YXF25]. **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, TLL+23, VVH+20, WLY+23, WGBW25,

WWF+23, ZMG+21, ZOJ+23, ZL24, 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, 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]. **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]. **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, SGV25]. **agroecosystems** [ZMK+22]. **agronomic** [BCMV20]. **AHP** [SD24]. **AHP-based** [SD24]. **aimed** [CM21, Yao21]. **air** [CZ21, FWK+20, LBB20, SBF+21]. **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, 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]. **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]. **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]. **Analysis** [AP22, BDP+23, CP20, FEP25, 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, 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, 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, RGB+23, SQDM21, SDSP+21, TGB+23, TK20a, TQM+24, TK20b, WWC+22, WSHZ24, WFW+24, WDP24, WCF+22, Yao21, ZMK+22, ZWL+21, ZZWF21, dGZHCA24, vDC20, BTC+22]. **Analytical** [CLH23, JZHT23, Ano25l, Coo95, Mas23, NND+22, 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, 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, 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, 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, PPSS22, RAC+24, XLN+25, YRK+20]. **applied** [BM22b, BRNOJ25, CAS+24, dCFX25, KABL21, NMGFOB21, TFH+25, ZBS+25]. **apply** [CXZ+23]. **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, Lov24, ŁJ21, LYM+23, dSMPA+22, MDP21, MSS+25, MBP+25, MTBB22, MVC+22, MSS24, Mur24, MKB+24, NA22, NAM22, 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, 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]. **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, TMFV22, TCS21, 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, RSASP22, RBLS23, RS23, RFHR23, SLY+21, SGV25, TBCV22, TWL+22, TKO+22, VPAV22, VMG+24, WAHA+24, XWX+24, YYL+25, Yao21, ZHJQ23, ZYM+21]. **assessments** [CB20]. **assisted** [MKEH20]. **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]. **australis** [YXY+20]. **author** [CYP+20]. **autochthonous** [LDS+23]. **autocorrelated** [DMM+23]. **Autocorrelation** [MOG+25]. **automata** [CDA25, JB22, LZW20, SLC+20, ZWZ+24, ZHWZ23]. **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, 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, 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]. **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, 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, LBL+24]. **based** [LE23, LL22, LZSQ20, LBI+20, LDZ21, LJP+22, LYL+24a, LQH24, LZW20, LCW+21, 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, 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, SGV25, SWHZ22, SLM24, SBR+25, SZ20, SPV+21, SOZ+25, TWL+22, 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, WrJP+22, WLSJ24, XLM+23, XHS+24, XHZ25]. **based** [YLL+25, YCZ+25, YDLT24, ZMG+21, ZMS20, ZOJ+23, ZYZ22, ZZWF21, ZPZ+22, ZHJQ23, ZZQ23, ZL24, BdBG+21b, RRSG21, ZYM+21, Mea20]. **baseline** [ABB23]. **BASGRA_N** [HCP+20]. **Basin** [CWY+24, MHSZ25, TGRM23, 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, 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]. **bee** [BSR+23, CSCT23, 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, WFD23]. **behavioral**
[CMFC23, DBH+22, FTH24, LMD+25b, MBB20]. **behaviors**
[CAH22, GSH+22, 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]. **Benthic** [WLLW20, BAAN24, 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, BAR20, BBIP24, BLB+20, BG22, CWY+24,
CMKF22, CZ21, CLY+23, CL24, CMA23, DYMD22, DSC+21, GVG+23,
GSM+20, HWJ+25, KKP+21, LRA+20, LZL23, LK24b, LGA+21, MYACC22,
MFPIBGES23, MPMT23, MGWG22, PMMTF+24, PWN+24, PPSS22, RSS24,
RUTY23, RP22, RMD+24a, RMD+24b, SLLW21, TLL+23, Vas20, WZHP21,
WLL+24, WAG25, YZZF22, YD20, ZMK+22, ZSS21, ZJX+25, dKS22].
between-individual [PMMTF+24]. **Beyond** [MWB+24, MBMV20]. **BGC**
[CAK+24, 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, TMFV22].
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, 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, HLH+21, KHH+22, KHH+24, KLPJ24, LYC+21, LCLG20, LSK24, LUT+24, MZW+25, MMdP+21, MBS22, NK23, RWF22, SRB+20, WHL+23, ZZŠ+22]. **biomathematical** [CLOFD+25]. **biome** [DDDC21, SNP+23]. **biome-BGC** [SNP+23]. **biophysical** [GML+20, HZ22, MTW+22, RMV+24, TK20b]. **biophysics** [RFHR23]. **biorefinery** [CAS+24]. **bioremediation** [GLA+20]. **biosphere** [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, 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]. **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]. **bobwhite** [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]. **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, 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, 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, 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]. **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]. **Calibration** [BSR+23, 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, 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, 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, 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]. **Carapa** [dOPdMdS+21]. **Carbon** [GZW+20, 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, NKT+20, PZH+21, PGSL+20, RRP+23, RFF+23, SCF+24, SPPC21, SNP+23, TMM25, WF24, WZLC24, WYBX23, XLS20, XLM+23, XHZ25, YA24, YJC+24, ZFT20, ZZL+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, 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, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BG22, BARF20, CFC25, CL21, CRP+25b, DAGR25, ELM+25, ETAAH21, FDH+25, dCFX25, GRGHM21, GSJ+20, HNC+21, JLLS23, Kiv24, LZSQ20, LDZ21, LZF+24, LZL23, LDX+23, LZL22, LSK24, LPA+21, LYL+24b, LCG+25, LCMB21, MA25, MMS+24, MS20, MGF25, Men22, 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, 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]. **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]. **Cd** [MTT22]. **cedar** [HKSM23]. **cell** [OSH+21]. **cellular** [CDA25, FKLH25, JB22, LZW20, SLC+20, YXY+20, ZWZ+24, ZHWZ23]. **CEmCA** [MMMS23]. **Central** [RSC+21, RSC+23, BAAN24, CNNS+21, DWZ+25, LZF21, MLL20, SQS+25, ZLLZ24, CCH20, DSC+21, 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]. **CFD** [FEP25]. **CGEM** [JLL+24]. **CH** [GAMN+23]. **Chagas** [EBMK20]. **chain** [CDA25, dCFX25, LM23]. **chalcographus** [OFH+20]. **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, FS22, GBC+25a, HLH+21, JLLS23, KWC24, KAPZ25, LBGD21, 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, WMA21, WLT+23, XLS20, YCK20, YLLL23, YPS+21, ZLLZ24, ZXK+24, ZHWZ23]. **Changes** [AACCIS20, BS21, MSG+21b, NYH20, BdCCdSAdS23, dSBDH23, CGRR+24, CL21, CPTD22, EL22, EON23, FAC22, HKSM23, LHJ+24, LLW+21, MMdP+21, NK23, PAS23, QS23, SBS+20, VPK25, WWC+22, WSFZ21, WBS+24, YZZF22, YB22, YPS+21, ZFT20]. **Changing** [LDS+23, APGD+21, BHC22, CN20, 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, DCCL24, DFL+25, GJC+20, GSJ+20, GLP+25, HMLZ24, HBJ25, HLH+21, HLS+23, JLLS23, KHS+23, LZSQ20, LZF+24, LZL23, LPHO+20, LZF21, LZL22, LGL+24, LYL+24b, LCG+25, LW23, MFZ23, MHSZ25, NLW+24, PWN+24, PZH+21, QS23, WHW+23, SWP+23, SZL+21, SRB+20, SZL+20, SML+20, TBZ+22, TLH+20, TGL+22, WWC+22, WXH+22, WLZ+23a, WZT+25, WYBX23, WLZ+23b, WLT+23, XLS20, XWZ+22, XWX+24, XHZH24, YLL+25, YLLL23, YD20, ZSS21, ZZW+22, ZBH+22, ZBW+24, ZLML20, ZXK+24]. **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, 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]. **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, 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, 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, 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, SGB+24a, TGL+22]. **climatological** [CDN+23]. **clone** [AXMJ22]. **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, 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]. **coastal** [BLG+25, BRBT22, CMGD+22, CL24, GMG+25, HBJ25, KPLH24, KBC24, LLB+23, 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** [MBMV20, RFdL+24]. **Coefficients** [PPSS22]. **Coexistence** [SE22, AM21, CKC20, CZZW25, LGG+22, Pér24, YL22]. **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]. **collaborative** [BJKT21]. **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]. **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]. **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, BPN+20, LDYP25, Loe25, NH25, NMGFOB21, Pre22, RPG20, RMK21, WOOS24, WSN+21, YB22]. **Competitive** [GSRB22, MYH+20]. **competitor** [WAG25]. **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]. **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, CMHZ23, KAB23a, 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, SE21, SE22, SBWB24, TGL+22, WSHZ24, WBD+22b]. **condor** [MSD25]. **conductance** [LZY25, Mas23]. **Conducting** [LGA20]. **Confidence** [SBFBDM24, BLSR+20, LK24b]. **configuration** [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, WLL+24, YYL+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, HBC+22, HWS+23, YZZF22]. **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, MGK+23, SPV+20, VMG+24]. **Context** [FEPR24, CLZ25, DGSM21, 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, 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** [vDC20]. **control** [AA25, BPW+21, BPB+20, BMRF21, BCMV20, CAB+21, 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]. **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** [Ano25l]. **cool** [TDI+20]. **cool-temperate** [TDI+20]. **cooperation** [Gat21]. **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, BdBG+21b, BS20, BEH+25a, BR25, CVTS20a, CKC+25, DZC+23a, HES+23, IBB+22, KHH+24, LhNA+22, MAW+24a, PYD+21a, RMD+24a, SE20a, SGTS23, 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, 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, WCG+24]. **critically** [HMGK20]. **croaker** [RJY+20]. **Crop** [ECC+22, 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]. **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]. **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, 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, LJP+22, LGC+25, LCH+25, ŁKPK22,

LAC+24, MMM+24, MRM25, 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** [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]. **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, 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** [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, CKC20, DCCL24, PSBE23, RFPRC23, UBTB25, VRW+21, WRC21, dVDC20]. **density-dependent** [PSBE23, dVDC20]. **density-size** [DCCL24]. **dependence** [WRC21].

dependency [FEPR24]. **dependent** [BHC22, BC25, CMFC23, CTL22, DGSM21, HML+22, KRMP23, MGWG22, NGE+21, PWN+24, PSBE23, PGdAM+20, RMCCB24, RWF22, UBTB25, YB22, 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, FEP25, GHB+25, MAD+20, NPS+23, Tur20, WST+23, ZJEG24]. **Designing** [SJA+22, MGF25]. **designs** [RAC+24]. **details** [WTT+21]. **detect** [LM23]. **detecting** [KKW+21, WGH+25]. **detection** [APF21, CRP+25b, DMM+23, HLGF24, JJN22, 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]. **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, SH25, VMM+21, Wu24]. **Differentially** [RSC+24]. **Differentiating** [BG22]. **differentiation** [GSRB22, HLZ+22, ZSS21]. **differentiations** [LLZM20]. **differently** [RLdM20]. **diffusion** [Ano25l, 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, Ano25l]. **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, TBM+24, ZOJ+23]. **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, 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, FS22, GMM+24, GWH20, HLZ+22, HFSL+24, Jia21, LDYP25, 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]. **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]. **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**

[WTT+21, BAM23, CSCT23, FDH+25, RLdM20, WJ24]. **doab** [AIA+23]. **documenting** [MGF25]. **DODM** [STRC24]. **Does** [JJN22, ME25, Ale25, CKC20, GZ23, KLNMG22, 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]. **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, PSM22, SJH+23, SBR20, TK20b, WSW23]. **driver** [BA20, HLW+20, MB22]. **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]. **Droop** [WGAH22]. **Drosophila** [RRSG21, SLM24]. **drought** [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]. **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, 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, FEP25, FGC24, FDSM20,

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, LMD+25b, LSL21, LQH24, LZW20, LSS+21, LGL+24, LCMB21, MLL20, MLMI23, MPSS24, MDB+20, MB25a, MDB24b, Mau24, MSLMM22, MF20, MB22, MMC+21, MPCG21, MAW+24a, MAW+24b, MKB+24, NO23, NO24, NS20, NGE+21, NLMM23, NK23, Oku21, OCT+23, PDH+22, PBH22, PBO+25, PSG21, PPH+21, PRM+25, PKO+21]. **dynamics** [PZH+21, PMP+21, PCK+22, POWS24, RCCLMGV22, 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, 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]. **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, Ano25l, ABW+25, ARSC22, BdBG+21b, BMS+20, BEH+25a, BR25, CFC25, CVTS20a, DS21, FDF+25, HHB+24, HLN+25, HES+23, HWSD25, KHH+24, LC20, LBI+20, LZD+24, LSG21, LLW+21, MMRBLN20, MP23, MGC24, MZX25, MAW+24a, Pie23, SE20a, SGTS23, SFFL25, TWL+22, TLH+20, VBH20, WHE+24a, WCF+22, XWX+24, ZYZ22, ZZQ23, 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, 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, NBU+23, NL20, OBFH22, PDW+24, PBH22, PHL20]. **ecological** [PGB+20, PAB+22, PPSS22, PTNR+20, RSS24, RS23, RBMRR20, RFHR23, RFHR24, RBEC21, RMD+24a, SZPW23, SACEU+21, SCACB23, SML+20, SCC+25, TZC25, VRS20, VSK+20, WG21, WXX+23, WLQ+23, WZLC24,

WGBW25, WWZ+25, WLL+24, WW24, XHS+24, XD25, YYL+25, ZMK+22, ZHJQ23, 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]. **Ecology** [Mea20, Por21, BWSS21, CBW22, CNMS25, Fou21, MGF25, MWB+24, PSW22, RFHR24, UGSG24, WGFS24, XJW21, dMT23]. **econ** [CXZ+23]. **econometric** [BVR+20]. **Economic** [DMPLHGL20, CZ21, DWG22, HMLZ24, JLLS23, LZL22, MDGA25, NAM22, PBO+25, WAHA+24, WZLC24, WBS+24, ZWZ+24, ZSS21]. **economics** [LM21, 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, 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, PCK+22, QXZ+25, RWZ+24, RUTY23, RLS+24, SBS+20, SBS+21, SBM+22, SGV25, 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, ZYK22, ZHC23, ERP21, 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, DRZ+24, FCL+25, FSZ+20, FZS+20, GPN+23, GZK+20, HLW+20, HLZ+22, JLL+24, LSA+21, LWL24, MBG+22, OTR+21, OKS+21, WHW+23, RFHR23, RGRMRR20, SCF+24, WZHP21, WWCT24, ZFT20, ZFC+23]. **ecotone** [TBZ+22]. **ecotoxicity** [Jag20]. **ecotoxicology** [PFK+22]. **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]. **Edmonton** [NBML21]. **eel** [BdBG+21a, BdBG+21b]. **eelgrass** [KNP+21]. **Effect** [AFdSM23, JMC+22, JRD+22, KFM+23, LDX+23, RGRMRR20, TMM25, ZBW+24, ABH+20, BLB+24a, BLLL21, CHR+23, CLHZ22, CMS+21, EWE20, FCT+25, GHMGBGCL24, Kag25, KS22, KUK+21, KBAC20, LL21, LP22, MSG21a, MDT+23, MKR20, NDNN22, OMP+23, PDH+22, PZH+21, RCCLMGV22, RMA+24, SCF+24, SFFL25, WJ24, XLM+23, dAdSCA20, RLM23]. **effective** [BP25, BCMV20, 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]. **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]. **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, 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, 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, Ste20, WGAH22]. **Employing** [ATP20]. **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, 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** [ESZ+23, FEP25, HAZEF23, Kiv24, SJH+23, Woo24]. **enhancement** [BRNOJ25, YRK+20]. **enhancements** [CSCT23]. **Enhancing** [JLZ+25]. **enough** [LJRM+20, RMCCB24]. **enrichment** [OHR+23, SM22a]. **ensemble** [CWW+23, HBP+21, LLLZ21, NCB25, WAG25, ZFP21]. **ENSO** [GGMR20]. **entrainment** [HKH+20, LYZ+24]. **Entropy** [ZSS20, GCS+21, HMDO20, dRMJdS23, WT20, XJW21]. **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, 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, SGV25, 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, 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** [Ano25l]. **Error** [KWG+23, Haa24, JTH24]. **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, 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, HCX+21, KLS20, KWP+23, MTT22, OMC+24, PKE+25, RFPRC23, RZY+25, RNF25, RRL+25, SWHZ22, TIKM24, 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]. **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, LDZ21, LCG+25, NGA+24, SBR+25, SZL+20, WLZ+23a, XCZ+20, DL21, DWH+21, LZY25, MDB+20, MS23, NO23]. **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, 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, Gat21, JOE23, JDJV25, LPSF24, LZF+24, LM21, LYL+24b, MHSZ25, SMMT25, WXH+22, YDQ+23, YD20, GCMU23].
Evolutionary [GHK23, 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**
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expert [WBD+22b]. **explain** [UM25]. **explainable** [Woo24]. **explained** [vdMYvdW24]. **Explaining** [CKK+24a]. **explains** [SGV+24, XJW21].
explanation [MSG23]. **Explicit**
[Hun25, 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, GSSC25, JJJ+25, KMH+21, KLL+24, LJvdM24, LPL22a, LZL23, SBM+22, SHF24, VPK25, WZLC24, dMT23, BRBT22, DMGP20, GRS+20, NGA+20]. **exponential** [Ano25l, 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, NH25, TCB21, Uch23]. **extinctions** [GRCSA+20].
extrapolation [RRFLV+22]. **Extreme**
[CMAG+25, WW24, Dav22, SLC+23, SCH+21, ZOJ+23]. **extremes** [BLG+25, LSH24].

F [Ano25l]. **face** [RSEK25]. **facilitate** [DSP+25]. **facilitates** [CKC20]. **Facilitation** [Pre22]. **facilities** [WbM+24]. **facing** [BLB+24a]. **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, Vas20, YG21, YYS+22, ZSS21, 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, Ano25m]. **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]. **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, 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, RSC+23, SM22a]. **fishes** [BSP+25, HMDO20, LLB+23, SGLK20, WLSJ24]. **fishing** [BAAN24, KiAM+20, KKH+24, RWF22, WZ25, XHZH24]. **fishpond** [SGV25]. **fishpond-reed** [SGV25]. **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]. **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, HML+22, JL23, KRMP23, KMH+21, KKH+24, KDC+21, LPL22a, LLB+23, LPA+21, MAD+20, MJ24, MPPM23, MGdM+20, MEPJ21, MJS24, NHGP23, NK23, OKS+21, SPM25, 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, JOE23, KN20, RBEH21, YDLT24]. **forcing** [CBG+22]. **Forebay** [LYZ+24]. **forecast** [HEL+21, WCSX22]. **Forecasting** [BPW+21, CGRGBGM25, HWS+23, KiAM+20, 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, 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, SNP+23, SdMF+25, TDI+20, VK24, VBB+24, VMG+24, WZHP21, WYBX23, WLT+23, YA24, ZBS+25, ZCJ+20, ZLL+23, ZZL+25]. **Forest** [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, 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, XJW21, YSIB24, ZRMW+20]. **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]. **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, 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** [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]. **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, MAN+20, NHGP23, PBF+23, Pér24, PNGESS21, RP22, RFF+23, SOP22, SHT21, SQDM21, VDK+24, 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, QXZ+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]. **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]. **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** [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]. **GPLake** [CDJ+22]. **GPLake-S** [CDJ+22]. **GPP** [FCL+25, FCT+25, SPPC21, YYS+22]. **Grabarnik** [Mea20]. **gradient** [ALS+21, EBH+25, FCL+25, 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** [GZW+20, MKR20, RRCZ20, SBF+21, SSB22, SMV+20, SRB+20, Pal24]. **green-lipped** [RRCZ20]. **greenhouse** [AA25, AAC20, BST+20, BWT+24, FEP25, HCP+20, Kag25, KMH+21, MTS+20, TQM+24, TCG+20, XS25, ZBH+22]. **greening** [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]. **guide** [BWCD23, DWG22, MB25b, Tur20]. **guided** [HSJ+20]. **guideline**

[SACEU+21]. **guides** [MWB+24]. **guiding** [PM22]. **guild** [CKC20]. **guilds** [LLZM20]. **Gulf**
[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, HYY+24, HHR+25, HWJ+25, ILLM20, JLH+21, JHKT+23, JRD+22, KLL+24, KLR+24, 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]. **harvest**
[dSCdA21, DAG+21, DDL+20, SQS+25, SLLW21]. **harvested** [MLV24]. **harvesting**
[BSE21, KLPJ24, LOZT25, NK23, PBH22, PHK23, SvV21, SM22a]. **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, 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, 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]. **histories** [RPG20]. **history** [BMB21, CTL22, CP20, DR25, JOE23, KD20, NK23, RHP+24, SLYL+20, vDC20]. **history-dependent** [CTL22]. **hitchhiker** [DWG22]. **hive** [LBT+22]. **Hoeksche** [PRdN+20]. **holes** [BMB24a]. **holey** [TTPA21]. **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]. **HSPF** [LKP+20]. **Huangguashan** [JLLS23]. **Hugo** [Pas21]. **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, ZHC23]. **Humboldt** [CFG+22]. **humidity** [WBD+22b]. **humpback** [CMAG+25, SWF21]. **hunter** [LP22]. **hunting** [CPAT20, KLPJ24, RRFLV+22]. **hurdles** [GSMD24]. **Huron** [FM24]. **Hutchinson** [MYH+20]. **Hybrid** [XS25, BOLC+22, CKK+24c, 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]. **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]. **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, 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, 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, MBD+22, MPF+25, MPA+24, PK23, PBO+25, PTG+20, WHW+23, SBS+20, SBS+21, SG20, SBWB24, TGRM23, TIKM24, TCS21, 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, 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** [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, 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, YEL+21]. **inconsistency** [Sak23]. **incorporates** [dAPdBMT23]. **Incorporating** [APF21, APT24, HML+22, WBD+22a, CL21, 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, 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, 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, SRM+24]. **infections** [DEMJ24]. **infectious** [GMM+24, VSB22]. **infer** [GSM+20, JVGC21]. **inference** [ŁKPK22, 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, NL20, 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, XMWL23, ZSS21]. **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]. **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, HLN+25, HSP+22, HCPG20, MAGR+22, PYD+21b, 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, 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, BKTM20, BCM25, CLW+24, CLZ25, DHY+25, JPL21, MBFS21, PGP+22, SVK20, TPD+24, VRS20, WDW+22, WFD23, XJW21, YYL+25, CDB+20, DGS25, 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, TMNA20, ZLZ+24]. **intensive** [HLS+23, ZCJ+20]. **intentionally** [SM22b]. **Inter** [LPRB+25, CKK+24a, EVHS21, KD20, MPL+20, PSG21]. **inter-** [PSG21]. **inter-individual** [CKK+24a, KD20, MPL+20]. **inter-site** [EVHS21]. **Inter-species** [LPRB+25]. **interact** [KN20]. **interacting** [MAB23]. **interaction** [CWY+24, DYMD22, GGS+22, HFP22, JBF22, MVC+22, MM21, PVS+21, RUTY23, SGCFB22, SGRDA+24, TRMB20]. **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, SGV25, 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]. **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** [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]. **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]. **Ixodes** [WBD+22b].

J [Ano25l]. **Jajroud** [MA25]. **January** [Ano20e, Ano20q, Ano21e, Ano21q, Ano22q, Ano23q, Ano24q, Ano25n, Ano25o]. **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, Ano25p]. **June** [Ano20g, Ano20s, Ano21g, Ano21s, Ano22s, Ano23s, Ano24s, Ano25q].

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]. **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]. **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** [QXZ+25, AJ22, BGCJ21, CDJ+22, CRP+25a, FWK+20, GPN+23, HSJ+20, KUK+21, TSUY23, Tsy22, WLLW20, WLQ+23, WPL+23, ZZŠ+22, ZWZ+20, DMdR24, DVVH21, FM24, HSF+20, JBB+25, JCM+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]. **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, HAZEF23, JLH+21, JLLS23, JHL23, KMH+21, KMP+23, LBGD21, LZSQ20, Lia23, LSS+21, LLW+21, MTZA23, NMV+23, NAM22, PHL20, 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, 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, dMT23, AJG22a, AJG22b, AGP20, BSR21, CWY+24, FFM+23, FHP+22, GLH24, GSMD24, HMDO20, JMD+25, JSL+20, KdRW25, KS22, Kos22, LDR+20, LRA+20, LP22, LDYP25, LOZT25, 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]. **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, PTRP23, PBS21, WPL+23]. **large-scale** [GMM+24]. **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]. **latitudinal** [NSS+23]. **Latvia** [LMB+25]. **Laurentian** [KWM+24]. **law** [KLS20, XJW21]. **layer** [CDA25, FSZ+20, FZS+20, TMNA20]. **layout** [LBT+22, ZZQ23]. **lconnect** [MS23]. **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, MBFS21, MMN+25, PBS21, RSWS23, RFPRC23, SPV+21, TK20b, WLY+23, WbM+24, WCSX22, WKL+21, WrJP+22, Woo24, XHZ25]. **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, 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]. **liana** [VDK+24]. **Lianas** [dFT+20]. **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, MMS+24, LPRB+25, MFF+24, NGA+20, NK23, 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]. **limnology** [DBK20]. **limpet** [GSM+20]. **linear** [SDD+20]. **lines** [CDC+22, DCCL24]. **link** [BPF24, MGWG22]. **linkage** [SFEE25]. **linkages** [MFPIBGES23]. **linked** [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** [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, PKO+21, SZ20, XD25, YSIB24]. **long-range** [FMRMAS24]. **Long-term** [RSASP22, ABH+20, BLB+20, DYMD22, JLV+21, JSD+22, PKO+21, YSIB24]. **longiceps** [HMVR21]. **longleaf** [JLH+21, SLHB+23]. **look** [BBSHC22]. **loop** [AIA+23]. **loops** [RGRMRR20]. **Lorestan** [AAM+22]. **loses** [MKN23]. **loss** [ALK20, JRD+22, LSL20, LAK20, MMdP+21, cNKF24]. **losses** [LLLZ21, SAdA+22, YDJ+24]. **Lotka** [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]. **macroecology** [GRS+20]. **macroscopic** [ZZWF21]. **Magellan** [HLN+25]. **magnitude** [CGB+23, LS25]. **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, SGV25, 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, JLH+21, LWZL23, LCG+25, LCMB21, MA25, Mau24, MLV24, MVC+22, MPT+25, MJdORPG23, NGE+21, 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, FTH24, Lov24, MAB23]. **manatee** [Che21]. **MANGA** [BPN+20]. **mangrove** [LK20, ZRMW+20, BPN+20]. **Manning** [HLS+23]. **map** [DLT+22, PTRP23, SGB+24a, WHdBB21]. **Mapping** [AP25, EON23, GCS+21, DK22, PDGB21]. **maps** [LCP+20]. **March** [Ano20h, Ano20t, Ano21h, Ano21t, Ano22t, Ano23t, Ano24t, Ano25r]. **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, 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, SMV+20, 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]. **MASTIFF** [MBG+22]. **masting** [VK24]. **Mate** [WZWF20]. **material** [LZF21]. **maternal** [CLW23, CC20]. **math** [KAT+22]. **Mathematical** [CGC+25, GGS+22, LJP+22, RNF25, TIKM24, WGAH22, BDP+23, BACJ25, BCMV20, EBS23, FH24, GAC+21, GRAA22, Ino22, RCCLMGV22, RWF22, SE20a, SE20b, SvV21, ST24, WPL+23, WWW25, YXY+20]. **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, SRTS20, SM22b, vSS24, 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, Ano25s]. **mayfly** [KFJS20]. **Mayr** [MZW+25]. **MCDA** [USA21]. **MCDM** [ŁJ21]. **MCR** [HYY+24]. **meadow** [ALS+21, PR22]. **mean** [Dav22]. **meaningful** [BCM25]. **measure** [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]. **Mercury** [CB20]. **Merging** [RBEH21]. **Meriones** [ZMG+21]. **mesic** [ZFT20]. **Mesocarnivores** [SOV21]. **mesopelagic** [CGRR+24]. **mesotidal** [CMGD+22]. **Messina** [SGP+20]. **meta** [NMV+23, OKS+21, RLS+24]. **meta-ecosystem** [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, DL21, For20, FG21, FCT+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, GZD+23, JL23, LGK+23, MDT+23, MB25b, TFH+25, TGS+25, WT20]. **metric** [GAM20, OW20]. **metrics** [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, 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** [FEP25]. **microbe** [BMB24b]. **Microbial** [MSL+21, AKY+22, KAB+23b, KKPR20, MKN23, YXH20]. **microbiome** [LLZM20]. **microbiota** [LSL21]. **microclimate** [FEP25, MK21]. **microclimates** [SVK20]. **Microclimc** [MK21]. **Microcystis** [DAQ20, SH25]. **microphytobenthos** [vdHNH+20]. **microphytobenthos-meiofauna** [vdHNH+20]. **microplastics** [BRBT22]. **Micropterus** [LBI+20]. **microsimulation** [MKR20]. **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, 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]. **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]. **misapplications** [CRF24]. **misinterpretations** [CRF24]. **mismatch** [AAR23, GMV24, PCL24]. **missing** [JM22, ŁKPK22, 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]. **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, AB21,

AZMD+22, AZAD+23, AXMJ22, AE22, AS22, AM22, ADSvdZS25, AA25, AHSH+25, APGD+21, ABC+22, ACZ+21, AACCIS20, BSR+23, BSPT23a, BSPT23b, 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, DS23, DHW+20]. **model** [DBK20, DMPP24, DAG+21, DDH+22, DHY+25, 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, FMRMAS24, 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, 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, KABL21, KWG+22a, KE24, KKF+23, KLH+24, KMP+23]. **model** [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, 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, OFH+20, OHR+23, OLM+24, PBF+23, PG23, PDH+22, PFM+21, PVS+21, PSM22, PSG21, PSBE23, PDD+22, PPH+21, PTG+20, PGB+20, PPL25, PMB+22, PAdS+24, PKKT+24, PMP+21]. **model** [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, SGV25, SMM+22, SWHZ22, SIOM24, SLM24, mSzZK+21, SACEU+21, SBR+25, SS25, SHF24, SWW+23, SWP+23, 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, WBD+22a, WWF+23, WCSX22, WWA+22, WKL+21, WJ24, WAG25, WLSJ24, XYZR21, XLS20]. **model** [XCZ+20, XLM+23, XHZ25, YDQ+23, YLL+25, YRK+20, YXY+20, YLS+21, Yu20, YCI20, ZMG+21, ZYZ22, ZZZD22, ZPZ+22, ZZQ23, ZLLZ24, ZL24, ZZL+25, ZHWZ23, ZHC23, ZZG+24, 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, SGV25, 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, 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, GCB+22, GSA24, GXZ+24, HBP+21, HZ22, HLN+25, HPMB20, HMDO20, HBRK24, HSD+21, HCPG20, JZS+21, JMC+22, JM22, JGM25, JJJ+25, KKP+21, KLL+24, KGBL24, KFJS20, KLPJ24, KBAC20, LJRM+20, LBB20, LJP+22, LGA20, LUT+24, MZW+25, MA25, MGC24, MVC+22, NBML21, NA22, NCG+24, PBO+25, PGP+22, 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, 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]. **Modelling** [ABH+20, AAAR24, AGP20, AHK+25, ABR24, Ano25l, BCGR25, 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, 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, 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, SLB20b, SPPC21, SRM+24, SML+20, TGRM23, TZC25, VMM+21, VSK+20, WHE+24a, WWP20, WXT+20, YLLL23, ZSS20, ZZL+25, dAWG23, vWVH20, AADHA+23, AMK21, Ale25, ADSvdZS25, Ano20-50, ACM24, BdSG+23, BPW+21, BRC+21, BdBG+21a, BdBG+21b, BRNOJ25, BSB+24, BS20, CFL+22, CDNN+20, CEB+25, CSMP21]. **modelling** [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, HSP+22, HHT21, HK23, KFM+23, KWM+24, KWG+22b, Kiv24, Kos22, LBL+24, LG20, LS24, LQH24, LCX+25, LSG21, MSG21a, MSG23, 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, 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, WGFS24, WT20, 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, FDSM20, Fou21, FHP+22, GVG+23, GSH+22, GBC+25b, GWH20, GML+20, GSM+20, GLK+22, GSMD24, HKH+23, HFSL+24, Ino22, IBB+21, IBB+22, Jag20, JJN22, JZJ+20, KWC24, KdRW25, Kle23, KKM+24, Koo24a, LL22, Laz23, LEC+23, LMB+25, LK24b, LPHO+20, LKO20, LSB+25, LAC+24, MLD+23, MKS21, MDBvdBB24, MB25a, MGK+23, MYACC22, Mas23, MBFS21, Mau24, MGF25, MMRBLN20, MVAD20, MBS22, MBD+22]. **models** [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, 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, TCG+20, TGL+22, Tur20, UBTB25, VC25, VDK+24, VRS20, WHE+24a, WHE+24b, 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]. **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** [JZJ+20, LL22, LM23, LGK+23, PAPRMALO25, PSZ20, REGI+24, 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** [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, SKPL24, LPS+21]. **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, 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, PBS21, TLL+23, TPD+24, WWF+23, WDP24, dKS22]. **Movement-based** [Pér24]. **movements** [BLP20, GMM+24, RMD+24a, RMD+24b, Sak23, STQ+22]. **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, 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, 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]. **multimodal** [FCP+20]. **multimodel** [LLLZ21]. **Multiple** [CDC+22, SGLK20, ABM20, AM21, AZBdAI23, CM21, DDL+20, GSJ+20, HCL+22, JHL23, LSK24, LPD+20, MBG+22, MGF25, MFF+24, MM21, WGMR23]. **multiple-objective** [WGMR23]. **multipurpose** [CXZ+23]. **Multiscale** [NCG+24]. **multispecies** [For20, XYZR21]. **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, 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, 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, KKH+24]. **networks**
[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]. **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, 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]. **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, 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, 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, SBS+21, SQS+25, SRM+24, SM22b, TWL+22, WT20, ZHWZ23].
November [Ano20j, Ano20v, Ano21j, Ano21v, Ano22v, Ano23v, Ano24v].
NPP [XMWL23]. **Number**
[CWF+21, HLS+23, WHE+24a, WHE+24b, WSM24]. **numbers** [CAB+21].

Numerical
[DZBB24, GLP+25, IA23, AB21, Ano25l, 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, 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]. **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, SL24, LHH+24, NT23, dSRDC+23].
oceanic [CGRR+24, KNP+21, WSFZ21]. **oceanography** [LHDBN20].
oceans [ZGG22]. **October**
[Ano20k, Ano20w, Ano21k, Ano21w, Ano22w, Ano23w, Ano24w]. **ODD**
[Gri20, GBC+25b]. **ODE** [RRSG21]. **ODE-based** [RRSG21]. **Odocoileus**
[KS22]. **odontocetes** [RSC+23]. **off**
[BAAN24, BBIP24, CSCT23, CP20, KiAM+20, NO24, NH25, Pér24]. **offers**
[NCG+24]. **offs** [DSC+21, JHL23, PF23]. **offset** [BLB+24a]. **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, Ano25l]. **One-dimensional**
[Coo95, DBK20, Ano25l]. **only** [GWH20, JJN22, KRM+22, MBD+22].
Ontario [DMdR24]. **ontogenetic** [mSzZK+21]. **open** [LGA20, WLL+24].
open-pit [WLL+24]. **operating** [MM21]. **operation** [YYL+25].
operational [DLT+22, MVC+22, MPT+25, PM22]. **operationalise**
[BRNOJ25]. **Operationalising** [DBDR22]. **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, LJ21, RBMRR20, VBH20, YDLT24]. **Optimisation**
[TLH+20, BMB24b]. **Optimising** [DDL+20, SQS+25, NND+22, 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**

[FEP25, 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** [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]. **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]. **outdoor** [BPF24, CCH20]. **outlook** [RTB+24]. **output** [COJ23, HFSL+24, HLM+20, XLM+23]. **outputs** [AVRC+20, CHR+23]. **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** [Ano25l, 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, 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]. **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]. **pathway** [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]. **PDP** [AA25]. **peak** [DFL+25, WF24]. **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]. **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, 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]. **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]. **pioneering** [Ano20-49]. **pisha** [ZLZ+24]. **pit** [WLL+24]. **Pityogenes** [OFH+20]. **place**

[CNNS+21]. **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]. **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]. **platform** [GDF22]. **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, 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, FEP25, 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, 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, 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]. **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, 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, GBC+25a, HLGF24, KKH+24, MAN+20, MF20, MMMS23, PHK23, RRL+25, SPM25, SGP+20, SQDM21, TCG+20, WAG25, dAdSCA20]. **predator-prey** [GBC+25a, MMMS23]. **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, WrJP+22, XZZ+22, XS25]. **predictions** [ABC+22, 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, TFH+25]. **prevent** [GRCSA+20]. **prevention** [BJKT21, GZK+20]. **prey** [BSE21, CLH23, dSCdA21, GBC+25a, HLGF24, LDYP25, MAN+20, MF20, MMMS23, NPK+23, 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]. **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]. **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, SGV25, 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, FEP25, 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, 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, TIKM24]. **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, 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, ENARM+23, WWZ+25, ZSS21, ZLML20]. **provincial** [PK23, SLY+21]. **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]. **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, 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** [FEP25]. **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]. **Reducing** [TBZ+22, DGVVP23]. **reduction** [Che21, CAK+23, DFL+25, HWS+23, MKR20, Pre22]. **reductions** [MSD25]. **reed** [SGV25, 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, 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** [UM25, BLL+23, 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, 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]. **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, 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, ZMG+21, LYZ+24]. **reservoirs** [SC21, SZ20, Ste20]. **residencies** [BVR+20]. **resident** [MGHT20]. **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, 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, 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, Ano25l, 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, OHR+23, PR22, RGB22, SQDM21, TRMB20, YLL+25, ZFT20, ZZŠ+22, dAdSCA20]. **Responses** [RHP+24, Che22, FWK+20, HBLC+25, KWC24, LJP+22, ME25, OEC24, SNN24, SRK+20, WZLC24, WSN+21]. **resprout** [ABRG21]. **restoration** [BHH+25, HYY+24, LLC+24a, LVM+22, QXZ+25, ZRMW+20]. **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]. **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, PWG25, dSRDC+23, SDH21, 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** [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]. **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]. **River** [BSB+24, CWY+24, CL21, DZC+23a, DZC+23b, HHP+25, JASW23, MHSZ25, MA25, MP23, SWP+23, TGRM23, WLZ+23a, ZGMFESD23, BS21, BSP+25, CFL+22, 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, 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]. **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]. **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, VPV21]. **sanctioning** [LL22]. **sand** [SWF21]. **sandstone** [ZLZ+24]. **Sanggou** [FMH+20]. **sapidus** [CMFC23]. **sapling** [BP25]. **saplings** [BLB+24a]. **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, 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]. **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, 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]. **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** [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, ŁJ21, 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]. **self-compatibility** [AVP+23]. **self-exciting** [GSH+22]. **self-fouling** [PF23]. **Self-healing** [LHL22]. **self-organization** [YEL+21]. **self-organizing** [EL21, LCP+20]. **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]. **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]. **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, SGV25, WFW+24, XCH+21, YPS+21, ZHC23]. **services-based** [PDW+24]. **sessile** [NYH20]. **set** [LBT+22, MDB24b]. **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]. **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]. **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, 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, BSR21, CM21, CLG20, DPA21, DPC20, DWZ+25, FZS+20, GDF22, GLP+25, JHKT+23, LKP+20, LP22, LZF+24, LSY+25, LDX+23, LWL24, MP23, MTZA23, MTT22, NGA+20, OHH+21, OHP+23, PAPRMALO25, SFGB23, SG20, 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, RCCLMGV22]. **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]. **six** [CDN+23]. **size** [BGCJ21, CMAG+25, DMPLHGL20, DCCL24, HES+20, HES+23, KAMS22, LP22, LLC24b, MBS22, NK23, 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, PAS23, PBO+25, PHL20, RSS24, RTH+21, SMMT25, WAHA+24]. **Social-ecological** [MFPIBGES23, ADSvdZS25, BAM23, 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, Ano25l, 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, 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, RGH+25, SACE+20]. **solutions** [Ano25l, 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]. **sources** [DBK20, HWS+23, 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, RMD+24a, RMD+24b, SWW+25, SGTS21, SGTS23]. **Southwest** [DHY+25, LZL22, ZHJQ23]. **southwestern** [YA24, dSRDC+23]. **soybean** [dSBDH23, Hop23, 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, 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, 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, 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, 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, LWE+22, LSK24, WLZ+23a]. **special** [CSM23, LSG21, Men22]. **specialist** [ZBS+25]. **specialized** [CKK+25].

Speciation [FAC22]. **specie** [ILLM20, ZLL+23]. **Species** [BM22b, BM22a, CLPZ20, EMH+22, 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, 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, LYZ+24, LDXJ22, MSG23, MSS+25, MB25a, MGK+23, MRR+20, MAGR+22, MMRBLN20, MVAD20, LPRB+25, MPCG21, MBD+22, NL20, NTHC23, NH25, NMGFOB21, OMP+23, OW20, Pre22, RSWS23, RCCLMGV22, RBGB23, RSC+24, RMGNA25, RPT21, RAB21, SVK20, SvV21, SACEU+21, SKW23, SWL+23, SKAB25, SFEE25, SGB+24b, SC23, SZKLL24, SBMG24]. **species** [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]. **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]. **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, 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, BHH+25, BVM+21, FCFCM24, GWD+23, KAB23a, KWG+22b, LCMB21, NTHC23, PDH+22]. **stochasticity** [vDC20]. **stock** [AJ22, DIS23, 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, HCPG20, JJJ+25, LBPL20, MPA+24, MD23, NFLvdM24, Pal24, PSM+21, RSC+24, 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]. **strong** [ACD+24, RBGB23]. **Structural** [RGH+25, BPF24, DAQ20, 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, ŁKPK22]. **Study** [CWZ+25, DBK20, PSG21, PPJN25, SZ20, YJC+24, 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, LZSQ20, LDZ21, LZF+24, LZL23, LSY+25, LDX+23, LPA+21, LCG+25, LCMB21, MA25, MMS+24, MSML24, MS20, 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, SZL+20, TCG+20, TLH+20, TMNA20, WbM+24, 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]. **subtidal** [GSM+20]. **subtropical** [BGC+24, CLW+24, PZH+21, RGD20, SC21, 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, 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** [PM22]. **survival** [AWW24, APF21, ALK20, dSCdA21, DHW+20, II24, PSBE23, RMA+24, SdlP20, WRC21, WDP24, WBD+22b]. **survivorship** [RAC+24]. **Sus** [KT22]. **Sustainability** [SLY+21, ZMK+22, 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, ŁJ21, Ano20-49, AKM22, BHH+25, dSCdA21, EON23, GCMU23, HAZEF23, HWS+23, HHP+25, MTZA23, NMV+23, Pal24, PGB+20, RLM23, SvV21, SSB22, WrJP+22, Woo24, XHZH24, HL23]. **Suzhou** [BCW+23]. **suzukii** [RRSG21]. **Svalbard** [KLR+24]. **swarming** [LAK+23]. **swarms** [SGV+24]. **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** [KRMP23, RTH+21]. **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, 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, OLM+24, OSPZ22, PHK23, PBO+25, PAPRMALO25, PAPŁ+23, SQDM21, SM22a, ST24, TSUY23, TZC25, TK20b, XLN+25, YCZ+25, ZRB+25, ZLLZ24, BOVVM25, CFG+22, DBDR22]. **Systematic** [DK22, ECC+22, AP25, dSRDC+23, MFK+25]. **Systems** [DS21, PPJN25, VLGG+20, ADR21, ADSvdZS25, AGS+21, AGS+22, 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. [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]. **targeted** [GSJ+20, PEFW20]. **targeting** [MVC+22, TCB21]. **tasks** [AGS+21, AGS+22]. **taxa** [CGRR+24]. **taxes** [SML+20]. **taxonomic** [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, 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]. **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]. **tendency** [LJP+22]. **tendency-prediction** [LJP+22]. **Tenuipalpidae** [AFdSM23]. **tenuis** [GBC+25a]. **term**

[ABH+20, BLB+20, DYMD22, EVHS21, JvVvHH24, JLV+21, JSD+22, PKO+21, RSASP22, 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, OKS+21, RRFLV+22, SINS22, YD20, ZFC+23]. **theorem** [Men22]. **Theoretical** [MAN+20, BMS+20, GRS+20, KAB+23b, LAC+24]. **theories** [KKM+24]. **Theory** [Ano20-51, VLGG+20, 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, XJW21, XHS+24, YCZ+25, ZSS20]. **Thermal** [Che22, MGWG22, BSP+25, Che21, FEP25, KJH24, Tsy22, VJK+23]. **Thermodynamic** [CWF+21, WCF+22]. **thermodynamics** [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** [AV22, EBS23, GMV24]. **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, 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** [WGH+25]. **timescale** [AAR23]. **timescales** [MSML21]. **Timing** [BVM+21, CGB+23, FS22, LAK+23, LBGD21]. **tipping** [MDB24b]. **Titicaca** [DVVH21]. **tomorrow** [ABW+25]. **tool** [GZK+20, MGK+23, MPC+22, MS23, MM21, 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** [PAPL+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]. **tracking** [GMG+25, LWE+22, SJH+23, WSW23, ZWZ+20]. **Trade** [JHL23, PF23, BBIP24, CSCT23, CP20, DSC+21, 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]. **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, 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, 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, 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]. **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** [AM21, AACCIS20, ETAAH21, Fat21, LLW+21, SQDM21, 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]. **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** [JS22]. **Unfolding** [AS22, LMW+23a]. **ungulate** [HBRK24, HWJ+25]. **Unified** [SGV25, FMRMAS24, LMNV20]. **uniform** [BLvG+25]. **unimodal** [CLHZ22]. **United** [Pas21, CBG+22, YA24]. **units** [ŁJ21, SRTS20]. **univariate** [MA25]. **universal** [GAM20, VMG+24]. **unknown** [WWK+24]. **unknowns** [WWK+24]. **Unlocking** [CAS+24]. **unmarked** [HI22, WDP24]. **unpredictability** [cNKF24]. **Unraveling** [BMBB24]. **unravels** [vdHNH+20]. **unsampled** [MGK+23]. **Unveiling**

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Which [ENARM+23, RAB21, XD25]. **while** [DGVVP23, XCH+21, YA24]. **White** [HCW+22, BGK+20, CRP+25b, dMFOM+20, KS22, TBM+24, VRW+21, KFJS20]. **white-backed** [CRP+25b]. **White-Tailed** [HCW+22, BGK+20, KS22, TBM+24, VRW+21]. **whitefly** [SYL+24]. **whole** [DLT+22, NO23, PKO+21]. **whole-tree** [PKO+21]. **wide** [HKB+20, RBLS23]. **wider** [Gri20]. **widespread** [HWJ+25]. **wild** [CNMS25, DAG+21, GJC+20, KT22, LP22, LBN+22, LKB+25, MM21, RRFLV+22]. **wildcat** [CKK+24a, CKK+24c]. **wildcats** [CKC+24, CKC+25]. **wildfire** [AB21, ABH+20, FZRG25, SCG+23, YA24]. **wildflower** [CAFT22, CSCT23]. **wildflower/crop** [CSCT23]. **wildlife** [BGK+20, BLB24b, COPM23, CSMP21, GHMGBGCL24, MD23, PAS23, RMD+24a, RMD+24b, WJ24]. **wildlife-livestock** [MD23]. **will** [QXZ+25]. **Williston** [LYZ+24]. **Wind** [HHI+22, AJG22a, AJG22b, CMFC23, GCSlR22, JB22, WGK+21, WSW23]. **wind-borne** [WGK+21]. **Wind-Disturbed** [HHI+22]. **wind-driven** [CMFC23, WSW23]. **winged** [KBC24]. **wins** [MKN23]. **winter** [BLLL21, EBS23, GGS+22, KUK+21, SMS+24]. **winter-run** [BLLL21]. **within** [BKTM20, CDNN+20, CMRF+24, FFM+23, HGBK23, JC25, KDH+21, MK21, MB25a, PHK23, PKKT+24, SWW+25, ZRB+25]. **within-canopy** [MK21]. **within-field** [HGBK23]. **within-patch** [CDNN+20]. **WOFOST** [SWHZ22, WSHZ24]. **wolf** [BGS+20, KRM+22]. **Wolong** [LCX+25]. **wolves** [CDC+22, HKG+24]. **wood** [MRR+20, MLV24]. **woodland** [WHW+23, SDD+20]. **woody** [PWG25, dAPdBMT23, YCK20]. **workflows** [MGF25]. **working** [SGLK20]. **workshop** [PKB+23]. **world** [BCPV25, GCMU23, MDB24b, PAS+22, RMS24, vOVvdW23]. **worldwide** [CAK+24]. **Wrangel** [CLW23]. **Wuhan** [WWC+22, ZZQ23]. **wutaishanica** [MZW+25].

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Anonymous:2020:Jc

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Anonymous:2020:Ma

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Anonymous:2020:Na

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Anonymous:2020:Db

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Anonymous:2020:EBb

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[BSS+24] Vincyane Badouard, Sylvain Schmitt, Guillaume Salzet, Thomas Gaquiere, Margaux Rojat, Caroline Bedeau, Olivier Brunaux, and Géraldine Derroire. `LoggingLab`: an R package to simulate reduced-impact selective logging in tropical forests using forest inventory data. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002697`.

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[CAK+23] Nanghyun Cho, Casimir Agossou, Eunsook Kim, Jong-Hwan Lim, Jeong-Wook Seo, and Sinkyu Kang. Machine-learning modeling on tree mortality and growth reduction of temperate forests with climatic and ecophysiological parameters. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001874.

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[CAS+24] Arno P. Clasen, Feni Agostinho, Federico Sulis, Cecília M. V. B. Almeida, and Biagio F. Giannetti. Unlocking the potential of municipal solid waste: Emergy accounting applied in a novel biorefinery. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001133.

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[CDB+20] Marianna Chimienti, Jean-Pierre Desforges, Larissa T. Beumer, Jacob Nabe-Nielsen, Floris M. van Beest, and Niels Martin Schmidt. Energetics as common currency for integrating high resolution activity patterns into dynamic energy budget-individual based models. *Ecological Modelling*, 434(??):??, October 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303203`.

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[CDC+22] Kristin N. Crouse, Nisarg P. Desai, Kira A. Cassidy, Erin E. Stahler, Clarence L. Lehman, and Michael L. Wilson. Larger territories reduce mortality risk for chimpanzees, wolves, and agents: Multiple lines of evidence in a model validation framework. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001715`.

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[CGV22] Giancarlo Consolo, Gabriele Grifó, and Giovanna Valenti. Dryland vegetation pattern dynamics driven by inertial effects and secondary seed dispersal. *Ecological Modelling*, 474(??):??, December 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022002721.

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[CGZ24] Ming Chen, Honghui Gao, and Jimin Zhang. Dynamic modeling of lytic virus transmission among phytoplankton driven by nitrogen and phosphorus. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002254`.

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[CIL+20] L. Citores, L. Ibaibarriaga, D.-J. Lee, M. J. Brewer, M. Santos, and G. Chust. Modelling species presence–absence in the ecological niche theory framework using shape-constrained generalized additive models. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438001930434X`.

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[CJM+23] Qiting Chen, Li Jia, Massimo Menenti, Guangcheng Hu, Kun Wang, Zhiwei Yi, Jie Zhou, Fei Peng, Shaoxiu Ma, Quangang You, Xiaojie Chen, and Xian Xue. A data-driven high spatial resolution model of biomass accumulation and crop yield: Application to a fragmented desert-oasis agroecosystem. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002800`.

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[CKC20] Feng-Hsun Chang, Po-Ju Ke, and Bradley Cardinale. Weak intra-guild predation facilitates consumer coexistence but does not guarantee higher consumer density. *Ecological Modelling*, 424(??):??, May 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300910`.

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[CKC+24] S. A. Cushman, K. Kilshaw, R. D. Campbell, Z. Kaszta, M. Gaywood, and D. W. Macdonald. Comparing the performance of global, geographically weighted and ecologi-

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[CKK+24c] S. A. Cushman, K. Kilshaw, Z. Kaszta, R. D. Campbell, M. Gaywood, and D. W. Macdonald. Variable importance and scale of influence across individual Scottish wildcat hybrid habitat models. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-

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[CL21] Chengjing Chen and Yihua Liu. Spatiotemporal changes of ecosystem services value by incorporating planning policies: a case of the Pearl River Delta, China. *Ecological Modelling*, 461(??):??, December 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021003252.

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[CL24] Jang-Geun Choi and Thomas C. Lippmann. Biogeochemical dynamics underlying equilibrium between nitrogen fixation and denitrification and its impact on a coastal marine ecosystem model. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001558.

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[CLG20] Xuezhu Cui, Shaoying Li, and Feng Gao. Examining spatial carbon metabolism: Features, future simulation, and land-based mitigation. *Ecological Modelling*, 438(??):??, December 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002030394X.

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[CLH23] Jang-Geun Choi, Thomas C. Lippmann, and Elizabeth L. Harvey. Analytical population dynamics underlying harmful algal blooms triggered by prey avoidance. *Ecological Modelling*, 481(??):??, July 2023. CODEN EC-

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[CLOFD+25] William Campillay-Llanos, Samuel Ortega-Farias, Gonzalo A. Díaz, Luis Ahumada-Orellana, and Rafael López-Olivari. Phenological analysis through biomathematical models of three varieties of pear (*Pyrus communis* L.) in Mediterranean climate conditions. *Ecological Modelling*, 504(??):??, May 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380025000912.

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[CLPZ20] Lifan Chen, Xiang Liu, Zechen Peng, and Shurong Zhou. Species distribution patterns and the scale of host interactions quantitatively but not qualitatively affect the diversity–disease relationship. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020303380.

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[CLW23] Sarah M. Chinn, Glen E. Liston, and Ryan R. Wilson. Assessing past and future climatic influences on the availability of polar bear maternal denning habitat on Wrangel Island. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023002090.

Chen:2024:ILF

[CLW+24] Bin Chen, Yue Li, Shaoqiang Wang, Jinghua Chen, Xuanze Zhang, Zhenhai Liu, and Holly Croft. Integrating leaf functional traits improves modelled estimates of carbon and water fluxes at a subtropical evergreen conifer forest. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300323X`.

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[CLY+23] Yu Chen, Gengyuan Liu, Ningyu Yan, Qing Yang, He Gao, Liya Su, and Remo Santagata. Comprehensive evaluation of urban greenspace ecological values marketability through the spatial relationship between housing price and ecosystem services. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002120`.

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[CLZ25] Feiyu Chen, Qiaoling Luo, and Zhibing Zhu. Integrating static and dynamic analyses in a spatial management framework to enhance ecological networks connectivity in the context of rapid urbanization. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000055`.

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[CMAG+25] Fredrik Christiansen, Peter T. Madsen, Virginia Andrews-Goff, Mike C. Double, Jason R. How, Phil Clapham, Yulia Ivashchenko, Dmitry Tormosov, and Kate R. Sprogis. Extreme capital breeding for giants: Effects of body size on humpback whale energy expenditure and fasting endurance. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002400382X.

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[CMGD+22] N. Caill-Milly, J. Bald Garmendia, F. D'Amico, O. Guyader, C. Dang, and N. Bru. Adapting a dynamic system model using life traits and local fishery knowledge — application to a population of exploited marine bivalves (*Ruditapes philippinarum*) in a mesotidal coastal lagoon. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022001442.

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[CMHZ23] Qiuwen Chen, Xiaohan Ma, Jiayu Hu, and Xiaohong Zhang. Comparison of comprehensive performance of kiwifruit production in China, Iran, and Italy based on emergy and carbon emissions. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001709`.

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Crispim-Mendes:2024:PSA

[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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[CMS+21] Ma. Àngels Colomer, Antoni Margalida, Isabel Sanuy, Gustavo A. Llorente, Delfí Sanuy, and Eudald Pujol-Buxó. A computational model approach to assess the effect of climate change on the growth and development of tadpoles. *Ecological Modelling*, 461(??):??, December 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003124`.

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[CMSD+22] Jean C. Campos, José Manrique-Silupú, Bogdan Dorneanu, William Ipanaqué, and Harvey Arellano-García. A smart de-

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[CRP+25a] Jonathan Clough, Brenda Rashleigh, Rajbir Parmar, Kurt Wolfe, Christopher D. Knightes, and Deron Smith. Modeling water quality in a subalpine lake. *Ecological Modelling*, 507(??):??, August 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001577`.

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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*

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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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[CXZ+23] Yufeng Chen, Liyan Xu, Xiao Zhang, Zilin Wang, Hailong Li, Yansheng Yang, Hong You, and Dihua Li. Socio-econ-ecosystem multipurpose simulator (SEEMS): an easy-to-apply agent-based model for simulating small-scale coupled human and nature systems in biological conservation hotspots. *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003301`.

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[CYP+20] Andrea Contina, Scott W. Yanco, Allison K. Pierce, Michelle DePrenger-Levin, Michael B. Wunder, Andreas M. Neophytou, C. Phoebe Lostroh, Richard J. Telford, Blas M. Benito, Joseph Chipperfield, Robert B. O'Hara, and Colin J. Carlson. Comment on "A global-scale ecological niche model to predict SARS-CoV-2 coronavirus infection rate", author Coro. *Ecological Modelling*, 436(??):??, November 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303586`. See [Cor20].

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[CZY+25] Ruiyu Chai, Yiting Zhang, Gongke Yang, Jiaxin Hao, Shifang Qu, Menghan Lu, Xiaoyue Sun, Tian Ma, Yong Li, and Siyu Liu. Impact of public health interventions on the transmission of asymptomatic syphilis: a modeling study based on Yunnan Province, China (2008–2022). *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000213`.

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[DAC+25] Marc A. Dubois, Michael A. Allen, Wirong Chanthorn, Laurent Cournac, Louise H. Emmons, Charly Favier, and Bernard Riéra. Attractor of a neutral individual-based forest model captures spatiotemporal structure characteristics of a mature tropical forest. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003971`.

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[DAGR25] Suvendu Das, Sagar Adhurya, Prithwi Ghosh, and Santanu Ray. A process-based dynamic modelling study of the impact of discharge water from shrimp culture on riverine nitrogen cycling: a case study. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003831`.

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[DAQ20] Eliza S. Deutsch, Ibrahim Alameddine, and Song S. Qian. Using structural equation modeling to better understand *Microcystis* biovolume dynamics in a Mediterranean hypereutrophic reservoir. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303525`.

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[DBN+22] Esther Gnilane Diouf, Thierry Brévault, Saliou Ndiaye, Emile Faye, Anaïs Chailleux, Paterne Diatta, and Cyril Piou. An agent-based model to simulate the boosted Sterile Insect Technique for fruit fly management. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000710`.

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[DBV+22] Hassan C. David, Reinaldo I. Barbosa, Alexander C. Vibrans, Luciano F. Watzlawick, Jonathan W. Trautenmuller, Rafaelo Balbinot, Sabina C. Ribeiro, Laércio A. G. Jacovine, Ana Paula D. Corte, Carlos R. Sanquetta, Alessandra Calegari da Silva, Joberto Veloso de Freitas, and David W. MacFarlane. The tropical biomass & carbon project — an ap-

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[DCT+21] Carson E. Dann, M. L. Cabrera, R. Thapa, S. Mirsky, K. Tully, C. Reberg-Horton, R. Hitchcock, and F. Morari. Modeling water potential of cover crop residues on the soil surface. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002635`.

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[DYW+22] Hailong Du, Liu Yang, Wenzhong Wang, Lunhui Lu, and Zhe Li. Emergy theory to quantify the sustainability of large cascade hydropower projects in the upper Yangtze. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000746`.

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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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[DZC+23a] Rui Ding, Xiaoke Zhang, Minmin Chen, Yuxi Lian, and Daoping Yu. Corrigendum to 'Vorticity preference of the Yangtze finless porpoise (*Neophocaena asiaeorientalis*) during the dry season at the Wanhe River Estuary confluence'. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002569`. See [DZC+23b].

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[ECD+24] Robert M. Ewers, Jacob Cook, Olivia Z. Daniel, C. David L. Orme, Vivienne Groner, Jaideep Joshi, Anna Rallings, Taran Rallings, and Priyanga Amarasekare. New insights to be gained from a Virtual Ecosystem. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002540`.

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[EHS+20] Elvis Felipe Elli, Neil Huth, Paulo Cesar Sentelhas, Rafaela Lorenzato Carneiro, and Clayton Alcarde Alvares.

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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, and Gediminas Brazaitis. Simulating the effects of thinning and species mixing on stands of oak (*Quercus petraea* (Matt.) *Liebl./Quercus robur* L.) and pine (*Pinus sylvestris* L.) across Europe. *Ecological Modelling*, 442(??):??, February 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020304683.

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[EWE20] Joe El Rahi, Marc P. Weeber, and Ghada El Serafy. Modelling the effect of behavior on the distribution of the jellyfish Mauve stinger (*Pelagia noctiluca*) in the Balearic Sea using an individual-based model. *Ecological Modelling*, 433(??):??, October 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020303008.

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[Fat21] Brian D. Fath. Announcing a new article type — Jørgensen research and reviews (JRR). *Ecological Modelling*, 460(??):??, November 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003045`.

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[FCL+25] Gerald N. Flerchinger, Xiaosheng Chu, Kathleen A. Lohse, Patrick E. Clark, and Mark S. Seyfried. Parameter sensitivity and transferability for simulating ET and GPP of Dryland ecosystems across a climate gradient. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003612`.

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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 Armstrong, and Volker Grimm. Ecological modelling for transformation. *Ecological Modelling*, 507(??):??, August 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002500105X`.

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networks and metapopulation persistence. *Ecological Modelling*, 460(??):??, November 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002100288X.

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[FDSM20] Nathalie L. Forget, Daniel E. Duplisea, Fany Sardenne, and Christopher W. McKindsey. Using qualitative network models to assess the influence of mussel culture on ecosystem dynamics. *Ecological Modelling*, 430(??):??, August 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020301423.

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[FFM+23] Lucia A. Fitts, Jacob S. Fraser, Brian R. Miranda, Grant M. Domke, Matthew B. Russell, and Brian R. Sturtevant. An iterative site-scale approach to calibrate and corroborate successional processes within a forest landscape model. *Ecological Modelling*, 477(??):??, March 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000029`.

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[FGM+24] Rachel M. Frantz, Humberto Godinez, Kaitlyn Martinez, William S. Cuello, and Carrie Manore. Age structured partial differential equations model for *Culex* mosquito abundance. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001522`.

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[FH24] Xavier Fauvergue and Keith R. Hopper. Dispersal of optimal foragers in a patchy environment: Simulations with a mathematical model and tests of predictions in field experiments. *Ecological Modelling*, 498(??):??, December 2024. CO-

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[FKLH25] Kate J. Fuller, Leda N. Kobziar, Rodman R. Linn, and Sharon M. Hood. A cellular necrosis process model for estimating conifer crown scorch. *Ecological Modelling*, 507(??):??, August 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380025001772.

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[FLG+23] Johannes L. Frieß, Carina R. Lalyer, Bernd Giese, Samson Simon, and Mathias Otto. Review of gene drive modelling and implications for risk assessment of gene drive organisms. *Ecological Modelling*, 478(??):??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000133.

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[FMH+20] L. I. N. Fan, D. U. Meirong, L. I. U. Hui, F. A. N. G. Jianguang, Asplin Lars, and J. I. A. N. G. Zengjie. A physical–biological coupled ecosystem model for integrated aquaculture of bivalve and seaweed in Sanggou Bay. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302520`.

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[FMSR20] Pier Paolo Franzese, Fausto Manes, Michele Scardi, and Angelo Riccio. Modelling matter and energy flows in the biosphere and human economy. *Ecological Modelling*, 422(??):??, April 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300569`.

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[FNA+25] Ilham Saiful Fauzi, Nuning Nuraini, Regina Wahyudyah Sonata Ayu, Imaniah Bazlina Wardani, and Siti Duratun Nasiqiati Rosady. Seasonal pattern of dengue infection in Singapore: a mechanism-based modeling and prediction. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003910`.

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[GMM+24] Soizic Garnier, Meadhbh Moriarty, Rory O'Hara Murray, Alejandro Gallego, and Alexander G. Murray. Modelling assessment of how small-scale vertical movements of infectious sea lice larvae can affect their large-scale distribution in fjordic systems. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023003174.

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[GMS+23] Mattias Gaglio, Alexandra Nicoleta Muresan, Alessandro Sebastiani, Davide Cavicchi, Elisa Anna Fano, and Giuseppe Castaldelli. A "reserve" of regulating services: the importance of a remnant protected forest for human well-being in the Po delta (Italy). *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002156`.

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[HCL+24] Huayun He, Chao Chen, Qiuyue Li, Bin Guo, Qi Hu, Lina Zhang, and Yanmei Pang. Combining CENTURY model and vulnerability assessment index to estimate aboveground biomass and ecological vulnerability of grassland: an analysis in Northwest Sichuan Plateau. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001212`.

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[HHB+24] Joel Habedank, Sabine Horn, Dan Baird, Peter Lemke, Jasmin Renz, Vera Sidorenko, and Karen H. Wiltshire. Flipbook-ENA: Towards a dynamic ecological network analysis under changing environmental conditions. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002229`.

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[HHP+25] Rui Huang, Qing Huang, Prajal Pradhan, Yixuan Wang, and Klaus Hubacek. Assessment of the sustainable development status of districts and counties in the Yangtze River Delta urban agglomeration. *Ecological Modelling*, 507(??):??, August 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001760`.

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[HML+22] Margaret Heinichen, M. Conor McManus, Sean M. Lucey, Kerim Aydin, Austin Humphries, Anne Innes-Gold, and Jeremy Collie. Incorporating temperature-dependent fish bioenergetics into a Narragansett Bay food web model. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000357`.

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[HMLZ24] Jiayu Hu, Xiaohan Ma, Yanfeng Lyu, and Xiaohong Zhang. An integrated environmental-economic assessment of orange production in China during 2010–2020. *Ecologi-*

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[HRW+24] Shirui Hao, Dongryeol Ryu, Andrew W. Western, Eileen Perry, Heye Bogena, and Harrie Jan Hendricks Franssen. Global sensitivity analysis of APSIM-wheat yield predictions to model parameters and inputs. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002818`.

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[HSD+21] Raleigh R. Hood, Gary W. Shenk, Rachel L. Dixon, Sean M. C. Smith, William P. Ball, Jesse O. Bash, Rich Batiuk, Kathy Boomer, Damian C. Brady, Carl Cerco, Peter Claggett, Kim de Mutsert, Zachary M. Easton, Andrew J. Elmore, Marjorie A. M. Friedrichs, Lora A. Harris, Thomas F. Ihde, Lara Lacher, Li Li, Lewis C. Linker, Andrew Miller, Julia Moriarty, Gregory B. Noe, George E. Onyullo, Kenneth Rose, Katie Skalak, Richard Tian, Tamie L. Veith, Lisa Wainger, Donald Weller, and Yinglong Joseph Zhang. The Chesapeake Bay program modeling system: Overview and recommendations for future development. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001964`.

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[HSF+20] Yong Han, Zhiyu Sun, Hongwei Fang, Sen Bai, Lei Huang, and Guojian He. Habitat succession of the Yangtze finless porpoise in Poyang Lake under the changing hydrodynamic and feeding environment. *Ecological Modelling*, 424(??):??, May 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301071`.

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[HSJ+20] Paul C. Hanson, Aviah B. Stillman, Xiaowei Jia, Anuj Karpatne, Hilary A. Dugan, Cayelan C. Carey, Jemma Stachelek, Nicole K. Ward, Yu Zhang, Jordan S. Read, and Vipin Kumar. Predicting lake surface water phosphorus dynamics using process-guided machine learning. *Ecological Modelling*, 430(??):??, August 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302076`.

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[HSL+22] John M. Humphreys, Robert B. Srygley, Douglas Lawton, Amy R. Hudson, and David H. Branson. Grasshoppers exhibit asynchrony and spatial non-stationarity in response to the El Niño/Southern and Pacific Decadal Oscillations. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001533`.

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[HSP+22] H. Herrera, L. Schütz, W. Paas, P. Reidsma, and B. Kopainsky. Understanding resilience of farming systems: Insights from system dynamics modelling for an arable farming system in The Netherlands. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003860`.

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[HWJ+25] Logan Hysen, Ho Yi Wan, Patrick Jantz, Jeff Gagnon, and Samuel A. Cushman. Variability in habitat selec-

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[HWS+23] Jiaqing Huang, Linlin Wang, Abu Bakkar Siddik, Zulkiflee Abdul-Samad, Arpit Bhardwaj, and Bharat Singh. Forecasting GHG emissions for environmental protection with energy consumption reduction from renewable sources: a sustainable environmental system. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002794`.

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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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[HYY+24] Hui He, Xiangke Yu, Hui Yu, Zhigang Ma, Yong Luo, Tao Liu, Ziwei Rong, Jinhong Xu, Dianpeng Chen, Pengshang Li, Fuxin Yuan, and Yongtao Zhao. Suitable habitat evaluation and ecological security pattern optimization for the ecological restoration of Giant Panda habitat based on nonstationary factors and MCR model. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print),

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[IBB+21] Florian Irauschek, Ivan Barka, Harald Bugmann, Benoit Courbaud, Che Elkin, Tomáš Hlásny, Matija Klopcic, Marco Mina, Werner Rammer, and Manfred J. Lexer. Evaluating five forest models using multi-decadal inventory data from mountain forests. *Ecological Modelling*, 445(??):??, April 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021000648. See corrigendum [IBB+22].

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[JASW23] La Pande Jurumai, Afri Ahyarky Abidin, Endang Triningsih Soetrisno, and Dwiprayogo Wibowo. Impact of population growth and housing development on the riverine environment: Identifying environmental threat and solution in the Wanggu River, Indonesia. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002703`.

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[JBB+25] Mingshun Jiang, Ashely Brereton, Jordon Beckler, Timothy Moore, Rachel A. Brewton, Chuanmin Hu, Brian E. Lapointe, and Malcolm N. McFarland. Modeling water quality and cyanobacteria blooms in Lake Okeechobee: I. Model descriptions, seasonal cycles, and spatial patterns. *Ecological Modelling*, 502(??):??, March 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000018`.

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[JBF22] María Fernanda Jiménez, Gamaliel Blé, and Manuel Falconi. A biocontrol agent as a commensal in a plant-pest interaction. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000758`.

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[JDJV25] Emerson Campos Barbosa Júnior, Pavel Dodonov, Hilton F. Japyassú, and Bruno Vilela. Effects of phenotypic plasticity on diversification rates and adaptive evolution in simulated environments with different climatic and cost contexts. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024003715.

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Joks:2023:SMF

[JHKT+23] Madli Jõks, Aveliina Helm, Liis Kasari-Toussaint, Ene Kook, Reimo Lutter, Norbertas Noreika, Ede Oja, Maarja Öpik, Tiina Randlane, Ülle Reier, Kersti Riibak, Andres Saag, Hardi Tullus, Tea Tullus, and Meelis Pärtel. A simulation model of functional habitat connectivity demonstrates the importance of species establishment in older forests. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000893.

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[JJJ+25] Lysandre Journiac, Franck Jabot, Claire Jacquet, Annika Künne, Mathis Loïc Messager, Louise Mimeau, Thibault Datry, Núria Bonada, François Munoz, and Loïc Chalmandrier. Exploring the spatio-temporal dynamics of disturbed metacommunities: a mechanistic modeling approach to species resistance and resilience strategies in drying river networks. *Ecological Modelling*, 506(??):??, July 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001218`.

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[JMC+22] Emilie Joetzjer, Fabienne Maignan, Jérôme Chave, Daniel Goll, Ben Poulter, Jonathan Barichivich, Isabelle Maréchaux, Sebastiaan Luyssaert, Matthieu Guimberteau, Kim Naudts, Damien Bonal, and Philippe Ciais. Effect of tree demography and flexible root water uptake for modeling the carbon and water cycles of Amazonia. *Ecological Modelling*, 469(??):??, July 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022000862.

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[JMD+25] Sara Sharon Jones, Maksym Matsala, Emily Viola Delin, Narayanan Subramanian, Urban Nilsson, Emma Holmström, and Igor Drobyshev. Forest structure, roads and soil moisture provide realistic predictions of fire spread in modern Swedish landscape. *Ecological Modelling*, 499(??):??, January 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024003302.

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[JMHH22] Tjalling Jager, Arne M. Malzahn, Andreas Hagemann, and Bjørn Henrik Hansen. Testing a simple energy-budget model for yolk-feeding stages of cleaner fish. *Ecological Modelling*, 469(??):??, July 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001168`.

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[JMPB24] Jiachen Jiang, Almas Mukhametov, Alla Philippova, and Alexander Bakshtanin. Modeling soil carbon accumulation in irrigated agricultural systems. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000528`.

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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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[KHS+23] Yang Kong, Weijun He, Juqin Shen, Liang Yuan, Xin Gao, Thomas Stephen Ramsey, Qingling Peng, Dagmawi Mulugeta Degefu, and Fuhua Sun. Adaptability analysis of water pollution and advanced industrial structure in Jiangsu Province, China. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000935.

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[KKH+24] Eevi Kokkonen, Mikael Kuisma, Pekka Hyvärinen, Anssi Vainikka, Kristiina Vuorio, Tommi Perälä, Laura S. Härkönen, Satu Estlander, and Anna Kuparinen. Effects of top predator re-establishment and fishing on a simulated food web: Allometric Trophic Network model for Lake Oulujärvi. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001030`.

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[KKM+24] Sebastiaan A. L. M. Kooijman, Michael R. Kearney, Nina Marn, Tânia Sousa, Tiago Domingos, Romain Lavaud, Charlotte Récapet, Tin Klanjšček, Tan T. Yeuw, Gonçalo M. Marques, Laure Pecquerie, and Konstadia Lika. From formulae, via models to theories: Dynamic Energy Budget theory illustrates requirements. *Ecological Mod-*

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[KLH+24] Yongeun Kim, Minyoung Lee, Jinsol Hong, Yun-Sik Lee, June Wee, and Kijong Cho. Development of a fuzzy logic-embedded system dynamics model to simulate complex socio-ecological systems. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001261`.

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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(??):??, June 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300818`.

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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 (elec-

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[LHH+24] D. Z. M. Le Gouvello, S. Heye, L. R. Harris, J. Temple-Boyer, P. Gaspar, M. G. Hart-Davis, C. Louro, and R. Nel. Dispersal corridors of neonate sea turtles from dominant rookeries in the Western Indian Ocean. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023002727.

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[LHJ+24] Moyang Liu, Serena H. Hamilton, Anthony J. Jakeman, Julien Lerat, Callum Savage, and Barry F. W. Croke. Assessing the contribution of hydrologic and climatic factors on vegetation condition changes in semi-arid wetlands: an analysis for the Narran Lakes. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023002983.

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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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[LJP+22] Shangge Li, Jinfeng Jian, Rama Krishnan Poopal, Xinyu Chen, Yaqi He, Hongbin Xu, Huimin Yu, and Zongming Ren. Mathematical modeling in behavior responses: the tendency-prediction based on a persistence model on real-time data. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003781`.

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[LJRM+20] Camila Leandro, Pierre Jay-Robert, Bruno Mériguet, Xavier Houard, and Ian W. Renner. Is my SDM good enough? Insights from a citizen science dataset in a point process modeling framework. *Ecological Modelling*, 438(??):??, December 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303537`.

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[LK20] Amy K. Langston and David A. Kaplan. Modelling the effects of climate, predation, and dispersal on the poleward range expansion of black mangrove (*Avicennia germinans*). *Ecological Modelling*, 434(??):??, October 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030315X`.

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[LK24b] Konstadia Lika and Sebastiaan A. L. M. Kooijman. The relationship between confidence intervals and distributions of estimators for parameters of deterministic models. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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[LKB+25] Yangfan Liu, Lene Jung Kjær, Anette Ella Boklund, Preben Clausen, Timme Nyegaard, Michael P. Ward, Shawn Laffan, and Carsten Thure Kirkeby. The role of wild birds in transmitting highly pathogenic avian influenza in Denmark: an exploration using a spatiotemporal model. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002500002X.

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[LLC+24a] Romain Lavaud, Megan K. La Peyre, Brady Couvillion, Jennifer Beseres Pollack, Vincent Brown, Terence A. Palmer, and Barry Keim. Predicting restoration and aquaculture potential of eastern oysters through an eco-physiological mechanistic model. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003332`.

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[LLC24b] Zuchuan Li, Yajuan Lin, and Nicolas Cassar. The influence of phytoplankton size fractions on the carbon export ratio in the surface ocean. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001868`.

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[LLLZ21] Kaihua Liao, Ligang Lv, Xiaoming Lai, and Qing Zhu. Toward a framework for the multimodel ensemble prediction of soil nitrogen losses. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002337`.

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[LLW+21] Jingzhao Lu, Hongwei Lu, Weipeng Wang, SanSan Feng, and Kaiwen Lei. Ecological risk assessment of heavy metal contamination of mining area soil based on land type changes: an information network environ analysis. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001952`.

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[LLZM20] Lianwei Li, Wendy Li, Quan Zou, and Zhanshan (Sam) Ma. Network analysis of the hot spring microbiome sketches out possible niche differentiations among ecological guilds. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302180`.

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[LM21] Magnus Lindh and Stefano Manzoni. Plant evolution along the 'fast–slow' growth economics spectrum under altered precipitation regimes. *Ecological Modelling*, 448(??):??, May 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001010`.

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[LMB+25] Agnese Anta Liepiņa, Roberts Matisons, Kārlis Bičkovskis, Guntis Brūmelis, and Āris Jansons. Radial growth models for pedunculate oak in the Baltics, Latvia. *Ecological Modelling*, 506(??):??, July 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025001462`.

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[LMD+25a] Romain Lavaud, Nina Marn, Tiago Domingos, Ramón Filgueira, Konstadia Lika, Kim Rakel, and Tin Klanjšček. Metabolic organization across scales of space and time. *Ecological Modelling*, 500(??):??, January 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003399`.

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[LMD+25b] Jonas Letschert, Birgit Müller, Gunnar Dressler, Christian Möllmann, and Vanessa Stelzenmüller. Simulating fishery dynamics by combining empirical data and behavioral theory. *Ecological Modelling*, 501(??):??, February 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000225`.

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Lin:2023:UCI

[LMW+23a] Zekun Lin, Fanxin Meng, Dongfang Wang, Danqi Liao, Yutong Sun, Jiaqi Hou, Gengyuan Liu, Biagio Fernando Giannetti, Feni Agostinho, and Cecília M. V. B. Almeida. Unfolding carbon inequality across belt and road initiative

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Lucash:2023:BTF

[LMW+23b] Melissa S. Lucash, Adrienne M. Marshall, Shelby A. Weiss, John W. McNabb, Dmitry J. Nicolsky, Gerald N. Flerchinger, Timothy E. Link, Jason G. Vogel, Robert M. Scheller, Rose Z. Abramoff, and Vladimir E. Romanovsky. Burning trees in frozen soil: Simulating fire, vegetation, soil, and hydrology in the boreal forests of Alaska. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000959`.

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[LNK+21] Na Lu, Jun Niu, Shaozhong Kang, Shailesh Kumar Singh, and Taisheng Du. A hybrid PCA-SEM-ANN model for the prediction of water use efficiency. *Ecological Modelling*, 460(??):??, November 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003033`.

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[LOZT25] Maria C. A. Leite, Ruth I. Oliva-Zúniga, and Pedro J. Torres. Plant viability: Modeling the impacts of harvest-

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[LP22] Sang-Hee Lee and Cheol-Min Park. The effect of hunter–wild boar interactions and landscape heterogeneity on wild boar population size: a simulation study. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003859`.

Lombardi:2021:SAF

[LPA+21] G. V. Lombardi, Silvia Parrini, R. Atzori, G. Stefani, D. Romano, M. Gastaldi, and G. Liu. Sustainable agriculture, food security and diet diversity. The case study of Tuscany, Italy. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002581`.

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[LPD+20] Roxanne Suzette Lorilla, Konstantinos Poirazidis, Vassilis Detsis, Stamatis Kalogirou, and Christos Chalkias. Socio-ecological determinants of multiple ecosystem services on the Mediterranean landscapes of the Ionian Islands (Greece). *Ecological Modelling*, 422(??):??, April 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300661`.

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[LPL22a] Sang-Hee Lee, Cheol-Min Park, and Sang-Bin Lee. Exploring the efficiency of termite food transportation in a sinusoidal-shaped tunnel. *Ecological Modelling*, 474(??):??, December 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002770`.

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[LPRB+25] Eline Le Moan, Laure Pecquerie, Laure Régnier-Brisson, Hélène Hégaret, Paulo F. Lagos, Léo Heyer, Salvador Emilio Lluch-Cota, Fred Jean, and Jonathan Flye-Sainte-Marie. Inter-species comparison of life traits related to amnesic shellfish toxin kinetic in five pectinid species. *Ecological Modelling*, 499(??):??, January 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003090`.

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[LPSF24] Florian Lecorvaisier, Dominique Pontier, Benoît Soubeyrand, and David Fouchet. Using a dynamical model to study the impact of a toxoid vaccine on the evolution of a bacterium: the example of diphtheria. *Ecological Modelling*, 487(??):??,

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[LQH24] Jian-Hao Lin, Yu-Juan Quan, and Bo-Ping Han. MetaIBM: a Python-based library for individual-based modelling of eco-evolutionary dynamics in spatial-explicit metacommunities. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001182.

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[LS24] Carsten Lemmen and Philipp Sebastian Sommer. Good modelling software practices. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024002783.

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[LS25] Teddy Lazebnik and Orr Spiegel. Individual variation affects outbreak magnitude and predictability in multi-pathogen model of pigeons visiting dairy farms. *Ecological Modelling*, 499(??):??, January 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024003132.

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[MD23] Francis Mugabi and Kevin J. Duffy. Epidemiological drivers and control strategies for African swine fever transmission cycles at a wildlife-livestock interface. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000728.

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Martin:2024:WAN

[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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[MMS+24] A. Manfrin, G. A. López Moreira Mazacotte, J. W. Spaak, S. E. Osakpolor, C. A. Brühl, V. Lencioni, S. Kolbenschlag, R. B. Schäfer, M. Bundschuh, and R. Schulz. Modeling cumulative effects of acute exposure to toxicants on the life cycle of Chironomidae using Bti as a case study. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002400156X`.

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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

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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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[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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[RBGB23] Sourav Rana, Ayanendranath Basu, Sinchan Ghosh, and Sabyasachi Bhattacharya. Moths exhibit strong memory among cooperative species of other taxonomic groups: an empirical study. *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003337`.

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[RBLS23] Anu Rai, Tawqir Bashir, Elio Guarionex Lagunes–Díaz, and Bibek Shrestha. Modeling Ganges river dolphin distribution

and prioritizing areas for efficient conservation planning — a range-wide assessment. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300090X`.

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Ruiz-Benito:2020:AMD

[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`.

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`.

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[RCSS20] Luca Rossini, Mario Contarini, Maurizio Severini, and Stefano Speranza. Reformulation of the distributed delay model to describe insect pest populations using count variables.

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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`.

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[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),

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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`.

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[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 (electronic). 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 (elec-

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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), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380025000298.

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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 (elec-

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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.

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[RLH24] Romain Richard, Jude Antoine Lugsanay, and Shu-Ping Huang. The temperature-size rule in the context of Dy-

namic 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`.

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[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`.

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[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`.

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[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`.

Ramakhanna:2022:CSP

[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`.

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[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`.

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[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 ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302921`.

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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

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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.

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

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[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

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Ricci:2021:MTR

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[SBR+25] Craig E. Simpkins, Peter J. Bellingham, Kiri Reihana, James M. R. Brock, and George L. W. Perry. Evaluating the effects of two newly emerging plant pathogens on northern Aotearoa–New Zealand forests using an individual-based model. *Ecological Modelling*, 500(??):??, January 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003260`.

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[SC24b] Kaarel Sikk and Geoffrey Caruso. Framing settlement systems as spatial adaptive systems. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000413`.

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[SCF+24] Vladimir Shanin, Sergey Chumachenko, Pavel Frolov, Irina Priputina, Daria Tebenkova, and Anna Kolycheva. Predicting the effect of climate change and management on net carbon sequestration in the forest ecosystems of the European part of Russia with the complex of models. *Eco-*

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[SCH+21] Paramita Sinha, Robert C. Coville, Satoshi Hirabayashi, Brian Lim, Theodore A. Endreny, and David J. Nowak. Modeling lives saved from extreme heat by urban tree cover. *Ecological Modelling*, 449(??):??, June 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100123X`.

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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. *Ecological Modelling*, 433(??):??, October 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302982`.

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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`.

Schrenk:2022:QRP

[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 Bul-

garia: 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`.

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[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].

Schneider:2023:CLM

[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`.

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[SGV25] 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`.

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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 Modelling*, 504(??):??, May 2025. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380025000808`.

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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`.

Schmid:2021:ITP

[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`.

Sohma:2022:MLC

[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.

Santibanez:2022:DCP

[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 of savannas and forests in tropical Asia. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001716`.

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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`.

Shen:2020:MII

[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.

Sanchez-Lopez:2023:SEM

[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. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002179`.

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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`.

Shah:2021:SAA

[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.

Shaukat:2022:PME

[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`.

Sion:2025:EDS

[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`.

Schwemmer:2024:AHR

[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 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002660`.

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`.

Scott:2024:MTF

[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`.

Stock:2020:ICP

[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`.

Stock:2021:PLP

[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`.

Schippers:2025:CDA

[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`.

Shang:2021:BAG

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

Schorn:2025:OPT

[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`.

Salgado-Rojas:2020:MIP

[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`.

Sun:2020:DGM

[SRB+20] Ke Sun, Jeffrey S. Ren, Tao Bai, Jihong Zhang, Qing Liu, Wenguang Wu, Yunxia Zhao, and Yi Liu. A dynamic growth model of *Ulva prolifera*: Application in quantifying the biomass of green tides in the Yellow Sea, China. *Ecological Modelling*, 428(??):??, July 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301447`.

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[SRK+20] Henrik Skov, Erik Kock Rasmussen, Jonne Kotta, Anne Lise Middelboe, Thomas Uhrenholdt, and Ramunas Žydelis. Food web responses to eutrophication control in a coastal area of the Baltic Sea. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303197`.

Slavenko:2024:MSN

[SRM+24] Alex Slavenko, Perran A. Ross, Luis Mata, Ary A. Hoffmann, and Paul A. Umina. Modelling the spread of a novel endosymbiont infection in field populations of an aphid pest. *Ecological Modelling*, 497(??):??, November 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002394`.

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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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[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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[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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