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]. $_3$ [TSZ+24]. $_4$ [GAMN+23, TSZ+24]. $_{mix}$ [XLS20]. 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].

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]. **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]. **21st** [YCK20]. **239** [DMdR24].

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

4 [Pas21]. **431** [CVTS20a, SE20a]. **435** [HES+23]. **443** [BdBG+21b]. **457** [AGS+22]. **458** [SGTS23]. **471** [KHH+24]. **476** [AAAR24]. **489** [WHE+24a].

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** [HCL+24, HLH+21, MMdP+21]. **absence** [CIL+20]. **absences** [BMG24, FSY22]. **abstract** [SvV21]. **abundance** [CDJ+22, CPTD22, FGM+24, GNH+24, HLZ+22, KLNMG22, PSM22, 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]. **acclimation** [TMNA20]. **according** [MOS21]. **Accounting** [JS22, 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]. **accurately** [GSMD24]. **achieve** [VRW+21]. **acid** [BPL+20, WLQ+23]. **acidification** [RRCZ20, SL24]. **acoustic** [GSH+22, LDR+20, PDD+22].

acquisition [RRP+23]. **acronyms** [MWB+24]. **across** [ATP20, ASL+20, CKK+24c, EHS+20, EVT+21, FGC24, GCS+21, LMW+23a, LPHO+20, MKS21, MF20, RFJ+22, RLS+24, YYS+22]. **action** [SRÁMH+20]. **active** [dRMJdS23, VMM+21]. **activities** [BMB24b]. **activity** [ABH+20, CDB+20, HLGF24]. **acuminata** [PCN+23]. **acute** [MMS+24]. **adapt** [CN20]. **Adaptability** [KHS+23]. **adaptation** [GHK23, MPA+24, RMK21]. **Adaptations** [Koo24b]. **Adapting** [CMGD+22, ERP21, OTR+21]. **Adaptive** [JST+22, AVP+23, ASKR24, BMB24b, RHP+24, SLC+23, SGPSzC22, SC24b]. **add** [MDB+24a]. **adding** [MVAD20]. **Addition** [KKF+23, SMM+22, ZMF+20]. **additive** [CIL+20, KWC24, MEPJ21, UGSG24, WSL+22]. **Addressing** [RAC+24, AAR23]. **adjacent** [CAFT22]. **adjusted** [ALJ+22]. **adjusting** [TBZ+22]. **ADM1** [PFM+21]. **Administrative** [BM22a]. **Adoption** [MWB+24]. **adsorption** [MTT22]. **adults** [AJJ24]. **advanced** [COJ23, KHS+23, LE23]. **Advancing** [KAT+22]. **advantage** [WZLC24]. **advection** [FMRMAS24]. **advice** [Mau24]. **Aedes** [ABZ22, HLB+20, VMM+21]. **aerial** [DP20]. **aestivum** [GGS+22]. **affect** [CLPZ20, CMRF+24, GMM+24, MJS24, PNGESS21, PCL24, VSB22]. **affected** [LSS+21, PAPŁ+23]. **affecting** [FM24, LDXJ22, SOP22, YG21, ZYM+21]. **affects** [AHH22, Che22, GZW+20, SGCFB22, WZWF20]. **affordability** [ZHC23]. **Afforestation** [WXT+20, MTBB22]. **Africa** [COS23, LAK+23, MDB+20, RMD+24a, RMD+24b]. **African** [DDG+21, MTW+22, MD23, WMA21]. **africana** [DDG+21]. **after** [LZL22]. **Agadir** [RKN+21]. **against** [Haa24, LSH24, MKN23]. **Agasthyamalai** [POWS24]. **Age** [FGM+24, BMM22, DIS23, LSK24, MMC+21, PSBE23, RRSG21, XFK21]. **age-0** [LSK24, PSBE23]. **Agent** [BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, AGS+21, AGS+22, ASKR24, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, FGC24, HBC+22, JBF22, KE24, KS22, LTR+24, LE23, LL22, LZW20, MSLMM22, PBS21, POWS24, RSS24, STQ+22, SJA+22, SLM24, TLL+23, VVH+20, WLY+23, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agent-** [VVH+20]. **Agent-based** [BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, AGS+21, AGS+22, ASKR24, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, FGC24, HBC+22, KE24, KS22, LTR+24, LE23, LL22, LZW20, MSLMM22, PBS21, POWS24, RSS24, STQ+22, SJA+22, SLM24, TLL+23, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agents** [CDC+22, GHMGBGCL24]. **AgentSeal** [CNNS+21]. **ages** [Jia21]. **agglomerations** [MFZ23]. **aggregate** [JSD+22]. **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, VBH20, WGMR23, YG21, YDJ+24, ZBW+24]. **agriculture** [LPA+21, MFPIBGES23, 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]. **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** [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** [Gat21]. **algorithmic** [dSMPA+22]. **algorithms** [CAK+24, 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]. **alter** [PTD+23]. **altered** [CWY+24, GRCSA+20, KNP+21, LM21]. **alternative** [JvVvHH24, PTBFP+20, SD24]. **alternatives** [Koo20b]. **altissima** [dOPdMdS+21]. **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** [PMB+22]. **American** [ARSC22, BHC22, HBMR24]. **americanus** [BHC22]. **Ammospiza** [HBP+21]. **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, HKG+24, MBG+22, SC21]. **analysing** [HHFB23, Jag20]. **Analysis** [AP22, BDP+23, CP20, HHB+24, RUTY23, USA21, WF24, WAHA+24, AG22, AHO+20, AAC20, BPB+20, BCW+23, BBSHC22, BLSR+20, CWF+21, CEB+24, CGVC21, DPA21, DS24, ESCA22, EGAS23, ENARM+23, FEPR24, HRW+24, HCL+24, HEL+21, HLM+20, IA23, JGG23, JLLS23, KT22, KKF+23, KHS+23, KUK+21, LL22, LLZM20, LDZ21, LZL22, LHJ+24, LM23, LLW+21, LAC+24, MFZ23, MPC+22, MMRBLN20, MLV24, 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, Mas23, NND+22, UGSG24]. **Analyzing** [Pal24, RBEC21, SGPSzC22]. **Angelica** [ZWL+21]. **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]. **APEX** [AJG22b, PR21, AJG22a]. **aphid** [BPW+21, SRM+24]. **aphids** [Hop23]. **Apis** [JSL+20, LBT+22]. **Apostle** [SOV21]. **App** [dSMPA+22]. **appearance** [PTF23]. **Application** [AG22, BGA+23, CMGD+22, CJM+23, DMG22, JB22, LCP+20, MDB+20, RWF22, RFCEL22, RFPRC23, SRB+20, YHC+21, YCI20, dMT23, AM22, ABR24, AACCIS20, BSPT23b, CH22, CAH22, DBV+22, DP20, GSC+23, 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, DYMD22, MTP+20]. **Applications** [MLD+23, BAR20, DGSM21, GRS+20, KCP+23, Laz23, MDB24b, MBMV20, PMMTF+24, PPSS22, RAC+24, YRK+20]. **applied** [BM22b, CAS+24, KABL21, NMGFOB21]. **apply** [CXZ+23]. **applying** [BVR+20, RAB21]. **Approach** [JZS+21, LB21, AZBdAI23, BdCCdSAdS23, BLB+20, CB20, CMS+21, DIS23, DPA21, DSC+21, DVPPMV+24, DPC20, EON23, FCFCM24, FGC24, FFM+23, FMRMAS24, GHbS21, GZK+20, HBP+21, HKB+20, HBRK24, ILLM20, KTB+23, KWG+22b, KGBL24, Kos22, LTR+24, LBL+24, LG20, LL22, LL21, LLB+23, Lov24, ŁJ21, LYM+23, dSMPA+22, MDP21, 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, SKH+20, SZL+20, TPD+24, TSdOCV21, TSBE23, WST+23, WBD+22b, ZJEG24, dGZHCA24, dAWG23]. **approaches** [DTR+22, HPMB20, LBB20, RBEH21]. **approaching** [PDG+20]. **appropriate** [Mas23, RMS24]. **Approximate** [BSR+23]. **approximation** [WSL+22]. **April** [Ano20a, Ano20m, Ano21a, Ano21m, Ano22a, Ano23a, Ano24a]. **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, RBEH21, SKH+20, Yao21]. **aquatic-terrestrial** [OKS+21]. **aqueous** [MTT22]. **arable** [HSP+22]. **arboviral** [LDS+23]. **archipelagos** [RMV+24]. **architectures** [WrJP+22].

archival [HBMR24]. **Arctic** [DSHB23, JOE23, TLL+23]. **Arctodiaptomus** [TBP+23]. **Area**
[DMdR24, WXT+20, XWX+24, AFdSM23, BBCD23, DHW+20, 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, GCS+21, KT22, 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** [FS22, GLK+22, LZF+24, LHJ+24, MPSS24, NWO21, PAdS+24, RSASP22, RS23, WXX+23, WFW+24]. **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** [BSPT23a, BSPT23b, BLB+20, DLY+22, MS20, SNM+23]. **ascendency** [LZSQ20]. **Asia** [SKPL24, ZLLZ24, ZFC+23]. **asiaeorientalis** [DZC+23a, DZC+23b]. **Asian** [NO24]. **Assembling** [CdCAC+20]. **assembly** [QZSV21]. **assess**
[CMS+21, FDSM20, JSL+20, KLL+24, LGFT+20, RRFLV+22]. **assessed** [BPL+20]. **Assessing** [BARF20, CHR+23, CLW23, GSA24, HHBF24, JPMA+23, LLB+23, LHJ+24, OHH+21, PMMTF+24, PR22, RMV+24, SCB+20, TMFV22, TCS21, WA20, WWCT24, CC23, DBK20, DBDR22, JSD+22, LTR+24, MGK+23, MM21, ZOJ+23]. **Assessment**
[BZZT22, GRCSA+20, ILLM20, ACD+24, AFG24, ACZ+21, BM22b, 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, TBCV22, TWL+22, TKO+22, VPAV22, VMG+24, WAHA+24, XWX+24, Yao21, ZHJQ23, ZYM+21]. **assessments** [CB20]. **assisted** [MKEH20]. **association** [LW23, PPSS22]. **associations** [KCS22]. **assumptions** [BHC22]. **asynchrony** [HSL+22]. **Athias** [TCG+20]. **Athias-Henriot** [TCG+20]. **Atlantic** [dSRDC+23, 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]. **attention** [PDW23]. **attentional** [vWVH20]. **attenuation** [SBWB24]. **attributes** [CMRF+24]. **Attributing** [SNN24]. **audience** [CVTS20a, CVTS20b]. **augmentation** [RMA+24]. **augmented** [LAK20]. **August**
[Ano20b, Ano20n, Ano21b, Ano21n, Ano22b, Ano23b, Ano24b]. **Aurelia** [YSFX23]. **aurita** [YSFX23]. **Australia** [CH22, FEPR24, YKZ+23]. **australis** [YXY+20]. **author** [CYP+20]. **autochthonous** [LDS+23]. **autocorrelated** [DMM+23]. **automata**
[JB22, LZW20, SLC+20, ZWZ+24, ZHWZ23]. **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** [WSN+21]. **Avicennia** [LK20]. **avifauna** [ADR21]. **avoid** [Koo24a, Uch23]. **avoidance** [CLH23, PF23]. **Avoiding** [CRF24].

B [DWH+21]. **Bacillus** [LB24]. **backed** [vdMvDSL20]. **Background** [SC24a, RPT21, SBMG24, WSM24, XWZ+22]. **Bacteria** [BMBB24]. **bacterial** [HHZB24, ZL24]. **bacterium** [LPSF24]. **Baetidae** [KFJS20]. **baited** [KCHZ21]. **Baiyangdian** [ZYZ22]. **balance** [HCP+20, LGA20, RPARM20, ZFT20]. **balanced** [YL22]. **Balearic** [EWE20]. **ballistics** [PM22]. **Baltic** [BNN20, BNAR+21, SRK+20]. **bamboo** [ZCJ+20]. **banana** [CMSD+22]. **bandit** [Gat21]. **bank** [BGR20, LKO20]. **bar** [Tsy22]. **barbarum** [SWHZ22, WSHZ24]. **Barcelona** [MTP+20]. **Barents** [NHGP23]. **bargaining** [SACE+20]. **bark** [PKKT+24]. **barnyardgrass** [MVC+22]. **Barrier** [ABR24, IA23]. **Barro** [FG21]. **Based** [LB21, Por21, ASHK22, AADHA+23, AZLPGE+24, AAM+22, AGS+21, AGS+22, AWW24, ASKR24, AHO+20, APGD+21, AAC20, BdSG+23, BMB24a, BDC+22, BPN+20, BGS+20, BGK+20, BSCH23, BdBG+21a, BAM23, BM21, BTC+22, CMHZ23, CXZ+23, CVTS20a, CVTS20b, CDB+20, CAK+24, CDNN+20, CNNS+21, CEB+24, CGVC21, CPTD22, CSB22, CSMP21, CLG20, DK22, DPA21, DSC+21, DDG+21, DBN+22, DAB+20, DWG22, DWH+21, ESCA22, EWE20, EBMK20, EV22, EL22, ENARM+23, FGC24, GSA24, GGMR20, GRCSA+20, GSRB22, HBMR24, HLB+20, HKG+24, HBC+22, HYY+24, HLGF24, HEL+21, HGBK23, HBRK24, HCPG20, HFP20, HFP22, JvVvHH24, JHL23, KFM+23, KCP+23, KE24, KLL+24, KS22, Koo24a, KWG+23, KTB+21, KLPJ24, KUK+21, LTR+24, LGFT+20, LBL+24, LE23, LL22, LZSQ20, LBI+20, LDZ21, LJP+22, LYL+24a, LQH24, LZW20, LCW+21, Lov24, LLW+21, LYL+24b, MFZ23, MSG21a, MSG23, MKS21]. **based** [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, PBS21, PDD+22, Pér24, PMP+21, PM22, POWS24, RSS24, RPG20, RTB+24, RHP+24, RFJ+22, RBMRR20, RFdL+24, RRFLV+22, SGB+24a, STQ+22, SJA+22, SD24, SLY+21, SWHZ22, SLM24, SZ20, SPV+21, TWL+22, TLL+23, TSUY23, TPD+24, TBM+24, Tra24, VN23, VVH+20, VSS+22, WHE+24a, WHE+24b, WBW+20, WRC21, WGAH22, WbM+24, WZLC24, WYBX23, WBD+22a, WWF+23, WKL+21, WJ24, WrJP+22, WLSJ24, XLM+23, XHS+24, 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, TGRM23, nCLpW+23, RSASP22, SD24, XHS+24, ZGMFESD23, BSB+24, 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, GZK+20, BRSW24, CB20, 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** [dTCGF+24, ECD+24, FSY22, vdMYvdW24]. **beachrock** [SGP+20]. **bear** [CLW23, GCS+21]. **bee** [BSR+23, CSCT23, HCL+22, LBT+22]. **beech** [LhNA+21, LhNA+22, SKW23]. **beehive** [RMCCB24]. **bees** [WOOS24]. **beet** [AAM+22]. **beetle** [PKKT+24, 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, MBB20]. **behaviors** [CAH22, GSH+22, YDLT24]. **behaviour** [ASKR24, LHDBN20, dAWG23]. **behavioural** [HBMR24, JPMA+23, JRD+22]. **behaviours** [JVGC21]. **behind** [DPC20]. **Beibu** [ZHJQ23]. **Beijing** [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, SWL+23]. **Bengal** [SD24]. **Benthic** [WLLW20, BAAN24, SBS+21, SINS22, TRMB20]. **Benthic-pelagic** [WLLW20, SINS22]. **bentho** [NT23]. **bentho-pelagic** [NT23]. **Bering** [OCT+23]. **Bernard** [PVS+21]. **Bertalanffy** [LK24a]. **best** [BM22b, CSMP21, VPV21]. **better** [DAQ20, HKY24, JJN22, MJdORPG23]. **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, 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, YZZF22, YD20, ZMK+22, ZSS21, 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]. **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]. **biocontrol** [ABC+22, CH22, JBF22, dAWG23]. **biodiverse** [WGMR23]. **biodiversity** [APT24, BRC+21, BSM23, CBW22, DSC+21, DWG22, DLT+22, GAM20, LG20, MPMT23, MPC+22, MAGR+22, MGdM+20, MBD+22, MPA+24, PBF+23, PNGESS21, TCS21]. **biodiversity-ecosystem** [MPC+22]. **Bioeconomic** [PHK23]. **Bioenergetic** [NFLvdM24, LLB+23]. **bioenergetics** [DHW+20, HMVR21, HML+22, MFF+24, PMMTF+24, SZKLL24].

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]. **biogeochemical-oyster-filtration** [GNH+24]. **biogeography** [ERP21]. **biogeomorphology** [ZZG+24]. **Biological** [BMRF21, BPW+21, BMG24, CC23, CXZ+23, FMH+20, KCP+23, LRA+20, LAC+24, MBR+23, MBMV20, SvV21, SE21, TCG+20, XLS20, XGT+24]. **biomass** [ABRG21, AG22, AKY+22, ACZ+21, CJM+23, DBV+22, DS24, ERP21, GSR+23, HCL+24, HLH+21, KHH+22, KHH+24, KLPJ24, LYC+21, LCLG20, LSK24, LUT+24, MMdP+21, MBS22, NK23, RWF22, SRB+20, WHL+23, ZZŠ+22]. **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, OMP+23]. **biovolume** [DAQ20]. **biphasic** [CMG20]. **bird** [ASL+20, CPTD22, WWCT24, YDLT24]. **birds** [CC20, GAC+21, 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]. **blessing** [CBSB23]. **blight** [HEL+21]. **bloom** [AWW24, BS21, CR24, HMC20, KSJ22, PTG+20, SINS22, XZZ+22]. **blooms** [CMKF22, CLH23, DVVH21, ELS23, JvVvHH24, 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]. **bobwhite** [STW+23]. **Bogota** [RBEC21]. **Bohai** [GSJ+20, YD20]. **bollworm** [WXH+22]. **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, MMdP+21, dRMJdS23]. **breeding** [CPTD22, GAC+21, KLR+24, RM20]. **Brian** [Des21]. **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]. **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, RPG20, RJY+20, RRCZ20, SL24, VVH+20, YRK+20, DMPP24, DPC20, KGBL24, KKM+24, LJvdM24, RLH24, SNN24]. **budget-based** [VVH+20]. **budget-individual** [CDB+20]. **budgets** [PDG+20]. **budworm** [SCG+23, STRC24, cNKF24]. **buffered** [LSH24]. **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]. **Buzy** [BMB24b]. **Buzy-pop** [BMB24b]. **bycatch** [Ino22]. **BZI** [SDP21].

C [TSZ+24]. **C3** [Mas23]. **cactus** [PAdS+24]. **cadmium** [GMM20]. **cage** [ABC+22]. **Calanoida** [TBP+23]. **Calanus** [BVM+21]. **calculation** [RBMRR20]. **calculations** [AAM+22]. **Calgary** [MMMS23]. **calibrate** [FFM+23]. **Calibration** [BSR+23, PFM+21, PAdS+24, FHP+22, HEL+21, JS22, LKP+20, LPHO+20, MPL+20, OFH+20, SNM+23, SDH21, VSS+22]. **California** [LSH24]. **Callinectes** [CMFC23]. **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, vOVvdW23, CLHZ22, GMM+24, GNH+24, Haa24, KN20, KHH+22, KHH+24, LGG+22, Lef23, ŁKPK22, MVAD20, PCL24, vdMYvdW24]. **Canada** [BWT+24, DMdR24, MPPM23, MTBB22, RPB+23, SCG+23]. **Canadian** [ACC+24, BST+20, BWT+24, YDJ+24]. **Canis** [HKG+24]. **canopies** [PNGESS21, PMP+21, ZOJ+23]. **canopy** [CWW+23, CGVC21, HKY24, HKSM23, KBAC20, LWL24, MK21, MLJ+23]. **canyons** [GZW+20]. **capabilities** [GLH24]. **capacity** [ACD+24, HP20, MPSS24, PGB+20, TWL+22, YD20, ZHJQ23]. **Cape** [MDB+20, HBP+21]. **capita** [SGA22]. **capital** [BARF20, BDA+20, GPN+23, TBCV22]. **capture** [DMM+23, GZW+20]. **capture-recapture** [DMM+23]. **capturing** [YYS+22]. **Carapa**

[dOPdMdS+21]. **Carbon**
[GZW+20, RMO22, ACC+24, ACFM22, AKY+22, BKTM20, BMAME+23, BST+20, BWT+24, BLB+20, BGC+24, CM21, CMHZ23, CLW+24, CSB22, CLG20, DIS23, DBV+22, 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, MLD+23, MTBB22, MLV24, MSG+21b, NKT+20, PZH+21, PGSL+20, RRP+23, RFF+23, SCF+24, SPPC21, SNP+23, WF24, WZLC24, WYBX23, XLS20, XLM+23, YA24, YJC+24, ZFT20]. **carbon-neutral** [EON23]. **carbon-nitrogen-water** [PGSL+20]. **carbonyl** [CWW+23]. **carcass** [PM22]. **careful** [BM22a]. **Caretta** [CRZ+23, II24, MZLRSZ21]. **caribou** [SDD+20]. **Carlo** [PM22, SDH21]. **carnivore** [GCB+22, PBS21]. **Carnosaurs** [PR21]. **carpet** [LJvdM24]. **carps** [LWE+22]. **carrying**
[GJC+20, HP20, MPSS24, PGB+20, TWL+22, YD20, ZHJQ23]. **cascade** [DYW+22, WLZ+23a]. **cascades** [BDC+22, BNN20]. **Case**
[OBFH22, SPPC21, ZLML20, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BG22, BARF20, CL21, ETAAH21, GRGHM21, GSJ+20, HNC+21, JLLS23, Kiv24, LZSQ20, LDZ21, LZF+24, LZL23, LDX+23, LZL22, LSK24, LPA+21, LYL+24b, LCMB21, MMS+24, MS20, Men22, MVC+22, OHH+21, OCT+23, PHK23, PSM22, 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]. **cattle** [CPAT20]. **causal** [AIA+23]. **caused** [HBRK24, 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** [JB22, LZW20, SLC+20, YXY+20, ZWZ+24, ZHWZ23]. **CEmCA** [MMMS23]. **Central** [RSC+21, RSC+23, BAAN24, CNNS+21, LZF21, MLL20, ZLLZ24, CCH20, DSC+21, Pre22, ZFT20, ZFC+23]. **central-place** [CNNS+21]. **centric** [XLM+23]. **centroid** [BM22a, MYACC22]. **century** [ACC+24, YCK20, HCL+24]. **cepedianum** [PSBE23]. **CERES** [PTF23]. **certain** [LKO20]. **CGEM** [JLL+24]. **CH** [GAMN+23]. **Chagas** [EBMK20]. **chain** [LM23]. **chalcographus** [OFH+20]. **Challenges** [AGS+21, AGS+22, HL23, LSG21, PMMTF+24]. **challenging** [MWB+24]. **Change** [HHI+22, ACC+24, BPF24, BOLC+22, BNAR+21, BAR24, COJ23, CDN+23, COS23, COPM23, CNSK21, CMS+21, DN24, EBS23, FS22, HLH+21, JLLS23, KWC24, LBGD21, LSS+21, MTBB22, MLV24, MBD+22, MLP+20, MPL+20, 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, 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, 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]. **characteristics** [AAC20, LZF21, MFZ23, MBS22, SGH+23, 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]. **chimpanzees** [CDC+22]. **China** [BCW+23, CWY+24, COJ23, CDN+23, CL21, CMHZ23, DCCL24, GJC+20, GSJ+20, HMLZ24, HLH+21, HLS+23, JLLS23, KHS+23, LZSQ20, LZF+24, LZL23, LPHO+20, LZF21, LZL22, LGL+24, LYL+24b, LW23, MFZ23, 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, WYBX23, WLZ+23b, WLT+23, XLS20, XWZ+22, XWX+24, XHZH24, 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, WCSX22, YYS+22]. **Choice** [AHH22, CSMP21, KTB+23, PMB+22]. **Chondrichthyes** [RSC+21]. **Chongqing** [JLLS23]. **chromosome** [BPB+20]. **Chronic** [HCW+22, BGK+20, BRSW24, KS22, TBM+24]. **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, 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, vSS24, AHH22, AMP+23, ACC+24, BPF24, BOLC+22, BS20, BNAR+21, CWY+24, COJ23, CDN+23, CNSK21, CMS+21, CN20, Dav22, DMG22, DCCL24, ELS23, EBS23, FS22, HMC20, HLH+21, JST+22, KNP+21, LK20, LBGD21, MMdP+21, MTBB22, MLV24, MBD+22, MPA+24, MSS24, NHGP23, NYH20, OBFH22, PK23, QS23, RSASP22, 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, YCK20, YLLL23, ZZŠ+22, ZRMW+20, ZXK+24]. **climate-driven** [NHGP23]. **climates** [BPW+21, Hop23, JS22, vSS24]. **Climatic** [DMdR24, CLW23, CAK+23, CAK+24, FGC24, LSH24, LHJ+24, SGB+24a, TGL+22]. **climatological** [CDN+23]. **clone** [AXMJ22]. **closure** [OHR+23]. **cloud** [Kiv24]. **CLUE** [COS23, KMP+23]. **CLUE-S** [KMP+23, COS23]. **clues** [BMBB24]. **CMEMS** [ACZ+21]. **CMIP5** [ZFT20]. **CNN** [ZHWZ23]. **CNN-LSTM** [ZHWZ23]. **co** [DAG+21, Kos22, MJS24, GAMN+23, HKSM23, KKPR20, PG23, TSZ+24, YLLL23, ZFT20]. **co-existing** [Kos22]. **co-harvest** [DAG+21]. **co-invaders** [MJS24]. **coast** [BWS+20, HMVR21, HK23, RKN+21]. **coastal** [BRBT22, CMGD+22, CL24, 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]. **coefficient** [MBMV20, RFdL+24]. **Coefficients** [PPSS22]. **Coexistence** [SE22, AM21, CKC20, 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** [SGB+24b, SKH+20, VBB+24]. **colony** [HCL+22]. **color** [CBG+22]. **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, ZMS20, BOLC+22, 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]. **commons** [AZBdAI23]. **communities** [CDJ+22, CSMP21, JRD+22, KCS22, LBL+24, PBF+23, YL22]. **community** [AADHA+23, CWF+21, Che22, CSB22, DvDA24, For20, LDZ21, LSL21, 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, TQM+24, ZMK+22]. **compare** [BAAN24, CAB+21]. **Comparing** [ALK20, BRSW24, CKC+24, SRTS20, WHL+23, WSL+22, WT20, GAM20, LAC+24]. **Comparison** [CMHZ23, GLK+22, PCN+23, ZMF+20, LZL22, PTF23, RSWS23, SDH21, TSdOCV21, WGAH22]. **compartment** [KWG+22a]. **compatibility** [AVP+23]. **compensation** [BANG20]. **Competing** [PBH22]. **Competition** [BdSG+23, CMA23, GHMGBGCL24, AM21, BLB+24a, BPN+20,

NMGFOB21, Pre22, RPG20, RMK21, WOOS24, WSN+21, YB22]. **Competitive** [GSRB22, MYH+20]. **complex** [AGS+21, AGS+22, AIA+23, ACM24, BP21, BNN20, BLSR+20, CGVC21, EHS+20, JLL+24, KCS22, KLH+24, Kle23, NK23, POWS24, RBMRR20, SGPSzC22, SCF+24, SLLW21, SBR20, TK20b, XHS+24]. **complexity** [BA20, ESZ+23, GPN+23, RSS24, SBS+21, SC24a, VRS20, WLWL23, WTT+21]. **complexity-stability** [WLWL23]. **components** [SGA22]. **Composing** [Kle23]. **composition** [BPF24, HES+20, HES+23, HLH+21, SHT21, WLT+23]. **compost** [SSJC23]. **compost-derived** [SSJC23]. **Comprehensive** [CLY+23, CMHZ23, KAB23a, Mau24, WAHA+24]. **Computation** [BSR+23]. **Computational** [ACD+24, Laz23, 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]. **conditional** [RFPRC23]. **conditions** [AZMD+22, AS22, APGD+21, GGMR20, HHB+24, KCHZ21, LDXJ22, LUT+24, MLP+20, MPL+20, PYD+21a, PYD+21b, SE21, SE22, SBWB24, TGL+22, WSHZ24, WBD+22b]. **conductance** [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]. **connections** [Jor22]. **Connectivity** [DLT+22, AGP20, ACM24, JHKT+23, LTR+24, MP23, MS23, RMV+24, SZPW23, SWW+23, SKH+20, TA20, WLL+24]. **Consequences** [AVRC+20, JvVvHH24, Pre22, WOOS24]. **conservation** [AADHA+23, AAAR23, AAAR24, BMS+20, BWCD23, CXZ+23, CAH22, DSC+21, DWG22, GHbS21, HMGK20, HPMB20, LRA+20, MS23, MGdM+20, RBLS23, RSC+23, RBEC21, RAC+24, SACE+20, TCS21, VBH20, WGMR23, WWCT24, ZYK22]. **Conserving** [XCH+21]. **consider** [MPL+20]. **considerations** [DMPLHGL20, WST+23]. **Considering** [OTR+21, BANG20, DYMD22, LZD+24, NKT+20, dAWG23]. **Consistence** [YZZF22]. **consistency** [SBFBDM24]. **consistent** [Gri20, LPHO+20]. **consolidated** [ST24]. **conspecific** [WZHP21]. **constitutive** [BMB24b]. **constrained** [CIL+20]. **constraints** [CDJ+22, MVAD20, YEL+21]. **Construction** [XHS+24, ZHJQ23, CCJK+20, 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].

contaminated [TIKM24]. **contamination** [LLW+21, MLP+20]. **contemporary** [PTD+23]. **content** [BPK+20, MGK+23, SPV+20, VMG+24]. **Context** [FEPR24, DGSM21, HHBF24, MLP+20, MPL+20, PGB+20, RPG20, RLH24, SGB+24a, VVH+20, VSK+20, YZZF22]. **context-dependent** [DGSM21]. **contexts** [KCS22, MVC+22]. **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, FSZ+20, FZS+20, LHJ+24, MYH+20, SGA22, TLC+22, WLZ+23b]. **contributions** [vDC20]. **control** [BPW+21, BPB+20, BMRF21, BCMV20, CAB+21, Fer23, HZ22, HLB+20, JvVvHH24, KSJ22, LRA+20, MBR+23, MD23, RBMRR20, SYL+24, SE21, SRK+20, TCG+20, 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]. **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** [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]. **Corrigendum** [AJG22b, AGS+22, BdBG+21b, BS20, CVTS20a, 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, Lef23]. **cost-effectiveness** [HCPG20]. **Costa** [AHO+20]. **Costing** [HPMB20]. **costs** [MJ24, NND+22, RRP+23]. **cotton** [GAMN+23, WXH+22]. **cotton-wheat** [GAMN+23]. **could** [VBB+24]. **count** [RCSS20]. **countries** [LMW+23a]. **counts** [AP22, WWP20]. **County** [KT22, LYL+24b]. **Coupled** [GGE+23, MTW+22, WXT+20, CXZ+23, DVVH21, FMH+20, KCS22, Mas23, MTT22, PG23, SINS22, WG21, WSW23, WbM+24, WW24, ZLL+23]. **Coupling** [YHC+21, BLA+24, WLLW20, YXY+20, YJC+24, ZSS21, ZHWZ23, ZZG+24]. **course** [LM23]. **CoV** [CYP+20, Cor20]. **covariate** [vSS24]. **cover** [COS23, 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]. **crane** [DNM+24, NBMD21]. **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, KFM+23, LAC+24, MAN+20, MSS24]. **Critical** [TA20, ABM20, WCG+24]. **critically** [HMGK20]. **croaker** [RJY+20]. **Crop** [ECC+22, CSCT23, CJM+23, CGVC21, DCT+21, HKH+23, HBC+22, JPL21, LB24, LBT+22, LDX+23, LYM+23, MVC+22, OHH+21, POWS24, RMCCB24, RGB+23, SGB+24a, SJA+22, TGB+23, WYJ+22]. **crop-weed** [CGVC21, MVC+22]. **cropland** [HCX+21, ZYK22]. **croplands** [RMO22]. **cropping** [DDH+22]. **crops** [CMSD+22, CAFT22, DGVVP23, NAM22, dAWG23]. **CROPSIM** [PTF23]. **CROPSIM-CERES** [PTF23]. **cross** [JHL23, MBG+22, RAC+24, WHdBB21]. **cross-border** [JHL23]. **cross-scale** [MBG+22]. **cross-sectional** [RAC+24]. **cross-validation** [WHdBB21]. **crossroad** [BAR20]. **crown** [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** [DMPLHGL20, FDSM20, SZL+20]. **cultures** [PGB+20]. **Cumulative** [TBP+23, LPL22b, MMS+24]. **curated** [SCACB23]. **currency** [CDB+20]. **Current** [CFG+22, JZS+21, LHDBN20, vSS24]. **currents** [PTD+23]. **Curricular** [Por21]. **curse** [CBSB23]. **Curtis** [RP22]. **curve** [LMNV20, RGB22]. **curves** [BBSHC22, BMG24, HLGF24, LGA+21, SDP21]. **cutaneous** [ZMG+21]. **cutting** [CSM23]. **Cuyo** [AZMD+22]. **cyanobacteria** [GSRB22, LCLG20, RHP+24]. **Cyanobacterial** [LWZL23, JvVvHH24, ELS23]. **cyanoFilter** [OSH+21]. **cycle** [AZAD+23, BPL+20, BP21, EL22, HKG+24, KBSS23, LUT+24, MMS+24, NGA+20, SLYL+20, SGPSzC22, SGA22, SINS22, WZZF23]. **cycle-based** [EL22]. **cycles** [JMC+22, Koo24a, MD23]. **cycling** [BKTM20, 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** [TIKM24]. **dam** [SAdA+22, WLZ+23a]. **damages** [SAdA+22]. **damaskrose** [NGA+24]. **damselfish** [GGMR20]. **Daphnia** [PDH+22]. **Data** [AVRC+20, BTC+22, AHH22, AADHA+23, AMK21, AMP+23, ATP20, AG22, ALK20, BSS+24, BS20, BBSHC22, BVR+20, 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, LJP+22, ŁKPK22, LAC+24, MMM+24, 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-sparse** [AMK21]. **Database** [TK20a]. **dataset** [LJRM+20, ŁKPK22, Woo24]. **date** [DIS23, JPL21, TBZ+22]. **DayCent** [DDH+22]. **Dealing** [BVR+20, MVAD20]. **death** [NTHC23]. **DEB** [AVRC+20, GSM+20, JGG23, KK20, MPL+20, OMC+24, 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** [SPPC21]. **Decision** [LZW20, NGE+21, USA21, BVR+20, CMSD+22, CEB+24, For24, GZK+20, JST+22, MTW+22, MSS24, PGP+22, PBS21, RMS24]. **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** [DN24, LG20, RM20, XHZH24]. **Decne** [PCN+23]. **Decoding** [HNC+21]. **decomposer** [KKP+21]. **decomposition** [CCH20, KAB+23b, TGB+23]. **Deconstructing** [WGK+21]. **decrease** [dSBDH23]. **decussatus** [LJvdM24]. **deep** [CCH20, EOÖ21, Lia23, WCSX22, WrJP+22]. **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]. **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]. **Delay** [RCSS20, AWW24]. **delayed** [WWA+22]. **Delimitation** [ZYK22]. **Delineation** [SD24]. **Delta** [CL21, SWP+23, GMS+23, DN24]. **deltaic** [BMAME+23]. **demand** [KMP+23, MRR+20, MGdM+20]. **demanding** [TSdOCV21]. **demersal** [BAAN24, DTD+23, RSC+21]. **Demographic** [BAZ22, PTBFP+20, ABC+22, CP20, GMV24, MCMP+24, PSM22, ZOJ+23]. **demography** [JMC+22, LVM+22, PMB+22, STW+23]. **demonstrates** [ACM24, JHKT+23]. **dengue** [ABZ22, ZXK+24]. **denitrification** [CL24]. **denning** [CLW23]. **Dense** [HHI+22]. **densities** [NLW+24, RMCCB24]. **Density** [HI22, CKC20, DCCL24, PSBE23, RFPRC23, VRW+21, WRC21, dVDC20]. **density-dependent** [PSBE23, dVDC20]. **density-size** [DCCL24]. **dependence** [WRC21]. **dependency** [FEPR24]. **dependent** [BHC22, CMFC23, CTL22, DGSM21, HML+22, KRMP23, MGWG22, NGE+21, PWN+24, PSBE23, PGdAM+20, RMCCB24, RWF22, YB22, ZSS20, dVDC20]. **depending** [GNH+24]. **depends** [MWB+24]. **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, RCSS20, RRSG21]. **Describing**

[BPN+20, BWS+20, CNNS+21, PCN+23, PAB+22]. **Description** [RRSG21, TGB+23, FSZ+20]. **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, MAD+20, NPS+23, Tur20, WST+23, ZJEG24]. **Designing** [SJA+22]. **designs** [RAC+24]. **details** [WTT+21]. **detect** [LM23]. **detecting** [KKW+21]. **detection** [APF21, DMM+23, HLGF24, JJN22]. **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** [RWZ+24]. **Developing** [PFK+22, SDP21]. **Development** [AIA+23, DDG+21, ESZ+23, HL23, KLH+24, MFF+24, NO23, NT23, SSB22, ZZZD22, BSPT23a, nCLpW+23, CPAT20, CMS+21, DLZ+20, FEPR24, GCMU23, HEL+21, HBRK24, HCL+22, HSD+21, Jia21, JASW23, LPS+21, ŁJ21, LYM+23, Pal24, RPB+23, SGPSzC22, SYL+24, SBWB24, TK20b, WRC21, 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]. **diamondback** [LB24]. **Dianchi** [WCG+24]. **diapause** [BVM+21, PGdAM+20]. **DiaThor** [GSJC22]. **diatom** [GSJC22]. **diatoms** [LCLG20, SBMF23]. **Dicentrarchus** [WBW+20]. **diel** [CSB22, DZBB24]. **Diels** [ZWL+21]. **diet** [LPA+21, PTG+20]. **Dietary** [MLP+20, MPL+20]. **differences** [AJJ24, CKK+24a, GSM+20, KWM+24, MSML24, vdMYvdW24]. **Different** [XHZH24, ATP20, AJJ24, BRSW24, CHR+23, DIS23, GVG+23, Hop23, JL23, LYC+21, MSLM+24, NLW+24, Sak23, SBMG24, TLC+22, TGL+22, WSHZ24, WTT+21, ZBH+22, ZLZ+24]. **differential** [ACM24, COPM23, FGM+24, VMM+21, Wu24]. **Differentially** [RSC+24]. **Differentiating** [BG22]. **differentiation** [GSRB22, HLZ+22, ZSS21]. **differentiations** [LLZM20]. **differently** [RLdM20]. **diffusion** [CAH22, FMRMAS24]. **Diffusivity** [AJJ24]. **digestion** [AWW24]. **digging** [SLM24]. **DigiBog_Boreal** [RPB+23]. **digital** [KKW+21, SG20]. **dilated** [PSG+22]. **Dilution** [Oku21, CLHZ22]. **dimensional** [ABB23, Ano20-50, DBK20, LWE+22, NBML21, TWL+22, YLS+21]. **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]. **discharge** [Che21, YG21]. **disciplines** [BVR+20]. **Discrepancies** [MYACC22]. **discrete** [mSzZK+21, SE22]. **discrete-time** [SE22]. **discrimination** [SBFBDM24]. **discus** [DLZ+21]. **Disease** [HCW+22, BAPW20, BJKT21, BGK+20, BRSW24, CBSB23, CLPZ20, CLHZ22, EBMK20, GSC+23, GMV24, KS22, NWJ+22, PSG+22, TBM+24,

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, 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]. **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, EWE20, FS22, GMM+24, GWH20, HLZ+22, HFSL+24, Jia21, MGK+23, MLJ+23, MMRBLN20, MVAD20, Men22, MBD+22, OW20, RBLS23, RSWS23, RSC+24, RJY+20, dSRDC+23, RPT21, SLB+20a, SVK20, SKW23, SBFBDM24, SC23, STRC24, SBMG24, TK20a, VRRI+24, VMH+21, VRS20, 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]. **disturbance** [CMRF+24, FdKO21, LVM+22, LHL22, NL20, PZH+21, RTB+24]. **disturbances** [YDQ+23]. **Disturbed** [HHI+22, KLNMG22, MHP+23, MCB+23, WLWL23]. **diversicolor** [GLA+20]. **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, RLdM20, WJ24]. **doab** [AIA+23]. **DODM** [STRC24]. **Does** [JJN22, 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]. **Douglas** [BLB+20]. **Douglas-fir** [BLB+20]. **down** [EOÖ21]. **downscaled** [NLMM23]. **Dr.** [Des21]. **drained** [RGD20]. **drift** [LEC+23]. **drinking** [ELS23, ZZZD22]. **drip** [GLK+22, GZD+23]. **drip-irrigated** [GLK+22]. **drive** [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** [CFG+22, DAB+20, HBP+21, MAGR+22, MD23, WF24]. **drives** [ZFC+23]. **Driving** [WWK+24, MAW+24a, MAW+24b]. **Droop** [WGAH22]. **Drosophila** [RRSG21, SLM24]. **drought**

[LPS+21, PKKT+24, SKPL24, SD24, ZZLF24]. **drought-induced** [LPS+21]. **droughts** [HHBF24]. **dry** [DYMD22, DZC+23a, DZC+23b, YLLL23]. **Dryland** [CGV22]. **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** [CRZ+23, CZ21, DZBB24, DZC+23a, DZC+23b, HMLZ24, KFM+23, OHH+21, STQ+22, Tsy22, dKS22]. **Dutch** [BAPW20]. **Dwarakeswer** [SD24]. **dwelling** [PSM+21]. **DynaGraM** [MPCG21]. **Dynamic** [BM21, CGZ24, DMPLHGL20, FCP+20, GLA+20, HMGK20, LFN+20, LZF+24, PSM+21, SC23, VLGG+20, WWC+22, ZLLZ24, ZLZ+24, vdMvDSL20, ABKA24, AADHA+23, BAAN24, CMGD+22, CDB+20, dSCdA21, DS23, DLZ+21, ERP21, FdKO21, FSY22, GMM20, HHB+24, HBRK24, JB22, JM22, KWC24, KD20, Koo20b, LBL+24, LYC+21, LAK20, LHL22, Mat23, 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, RSS24]. **Dynamically** [SCG+23, JPL21]. **Dynamics** [DBDR22, GWD+23, MBR+23, PG23, TIKM24, ADR21, AM22, AG22, ACC+24, APF21, APGD+21, BS21, BOLC+22, BGS+20, BGR20, BGA+23, BLP20, CR24, CLH23, CL24, CGV22, dTCGF+24, DKM+21, DAQ20, DMGP20, DRZ+24, DS24, EL21, EL22, FCFCM24, FGC24, FDSM20, FSZ+20, FZS+20, GSR+23, GAC+21, GRAA22, GSJ+20, HZ22, HSJ+20, HSP+22, Hop23, JLV+21, JLLS23, KDH+21, KCP+23, KSJ22, KLH+24, LE23, LRA+20, LSL21, LQH24, LZW20, LSS+21, LGL+24, LCMB21, MLL20, MLMI23, MPSS24, MDB+20, 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, PSG21, PPH+21, PKO+21, PZH+21, PMP+21, PCK+22, POWS24, RCCLMGV22, RFJ+22, RKN+21, REGI+24, RWS+21, SCB+20, SQDM21, SM22a, SMD+20, SE21, SE22]. **dynamics** [SLB+23, SJH+23, SLC+20, SBR20, TPD+24, TK20b, Uch23, VSB22, WGAH22, WbM+24, WB24, WLSJ24, Wu24, XYZR21, XFK21, ZMS20, ZLLZ24, ZYM+21, GCSlR22].

E-PSR [RS23]. **E2E** [SHF24]. **each** [MJS24]. **eagle** [RM20]. **early** [LAK+23, MFF+24, SNN24, WSFZ21]. **earth** [Kle23]. **earthquake** [BWS+20]. **earthworm** [RPG20]. **East** [BWS+20, COS23, MTW+22]. **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, LW23, MF20, NWO21, NO23]. **eco-efficiency** [LW23]. **eco-epidemiological** [GSC+23]. **eco-evolutionary** [Abe20, CN20, LQH24, MF20]. **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, ARSC22, BdBG+21b, BMS+20, CVTS20a, DS21, HHB+24, HES+23, KHH+24, LC20, LBI+20, LZD+24, LSG21, LLW+21, MMRBLN20, MP23, MGC24, MAW+24a, Pie23, SE20a, SGTS23, TWL+22, TLH+20, VBH20, WHE+24a, WCF+22, XWX+24, ZYZ22, ZZQ23, AS22, Ano20-50, AFG24, BANG20, BRC+21, BAM23, BMG24, BG22, CB20, CLY+23, 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, KMAA23, KNP+21, KLH+24, KAT+22, KBSS23, LLZM20, LCM24, ŁKPK22, LPD+20, LYL+24b, MMM+24, MSML24, MFPIBGES23, MS20, MZLRSZ21, NGA+24, NCG+24, NBU+23, NL20, OBFH22, PDW+24, PBH22, PHL20, PGB+20, PAB+22, PPSS22, PTNR+20, RSS24, RS23, RBMRR20, RFHR23, RFHR24, RBEC21, RMD+24a, SZPW23, SACEU+21, SCACB23, SML+20, VRS20, VSK+20, WG21]. **ecological** [WXX+23, WLQ+23, WZLC24, WLL+24, WW24, XHS+24, ZMK+22, ZHJQ23, ZFP21, ZHC23, ZZG+24, ZGMFESD23, dFT+20, Pas21]. **ecological-economic** [DWG22]. **ecological-risk** [GZK+20]. **Ecologically** [Por21, CWF+21, CKC+24, GCSlR22, MFF+24, WAHA+24, WCF+22]. **Ecologically-Based** [Por21]. **ecologists** [WG21]. **Ecology** [Mea20, Por21, BWSS21, CBW22, Fou21, MWB+24, PSW22, RFHR24, UGSG24, WGFS24, XJW21, dMT23]. **econ** [CXZ+23]. **econometric** [BVR+20]. **Economic** [DMPLHGL20, CZ21, DWG22, HMLZ24, JLLS23, LZL22, NAM22, 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, YZF20, ZZŠ+22, ASHK22, ABM20, BMBB24, BNN20, BNAR+21, BAR24, BRBT22, BLSR+20, BDA+20, BGC+24, CBG+22, CL21, CLY+23, CWW+23, CXZ+23, CVTS20a, CVTS20b, CL24, CPAT20, dTCGF+24, DS24, EON23, FMH+20, FDSM20, 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, MPC+22, MEGA21, MFH+22, MTZA23, MBS22, NMS24, OHR+23, PBF+23, PDW+24, PGP+22, PRdN+20, PDGB21, PZH+21, PCK+22, RWZ+24, RUTY23, RLS+24, SBS+20, SBS+21, SBM+22, SMD+20, SHF24, SINS22, SZL+20, TBCV22, WHL+23, 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, DK22, DRZ+24, 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** [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]. **Edmonton** [NBML21]. **eel** [BdBG+21a, BdBG+21b]. **eelgrass** [KNP+21]. **Effect** [AFdSM23, JMC+22, JRD+22, KFM+23, LDX+23, RGRMRR20, ZBW+24, ABH+20, BLB+24a, BLLL21, CHR+23, CLHZ22, CMS+21, EWE20, GHMGBGCL24, KS22, KUK+21, KBAC20, LL21, LP22, MSG21a, MDT+23, MKR20, NDNN22, OMP+23, PDH+22, PZH+21, RCCLMGV22, RMA+24, SCF+24, WJ24, XLM+23, dAdSCA20, RLM23]. **effective** [BCMV20, PMZ+21, SSM24]. **effectiveness**
[BJKT21, HCPG20, WJ24, XWX+24]. **Effects**
[CWH+21, FdKO21, KKH+24, LHDBN20, LCMB21, MMC+21, MJS24, NBMD21, VRS20, YSFX23, ADR21, BKTM20, BH21, BSCH23, Che21, CGV22, dSCdA21, CP20, CSB22, DMPP24, DMM+23, DWH+21, EVT+21, GMV24, HCL+22, Hop23, Ino22, KMAA23, KAB+23b, KLPJ24, KPLH24, LK20, LBGD21, LYZ+24, MMdP+21, MMS+24, MPSS24, MEPJ21, NK23, Oku21, PTBFP+20, RWF22, RSC+23, SDD+20, SHF24, SWL+23, SBWB24, SL24, SML+20, TLL+23, VVH+20, VSK+20, VBH20, WLZ+23a, YPS+21, ZFC+23]. **efficiencies** [PGP+22]. **efficiency**
[BAM23, HLW+20, LPL22a, LNK+21, LW23, WWCT24, Yu20, vdMYvdW24]. **efficient** [RBLS23]. **efforts** [XHZH24]. **egg** [BGR20, LEC+23]. **eggs** [DLY+22, LWE+22]. **EGO** [HPMB20]. **ELA** [DMdR24]. **elasticity** [TK20a]. **electricity** [LGA+21]. **electrofishing** [RGD+22]. **elements**
[MFZ23, PAPŁ+23, WLL+24]. **elephant**
[HBC+22, MDP21, NMC+20, POWS24]. **elephants** [DDG+21]. **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, CMRF+24, LDS+23]. **emergent** [DAB+20, LYC+21]. **emerges** [WLWL23]. **emerging** [VSB22]. **Emergy**

[CAS+24, DYW+22, ESCA22, EGAS23, LB21, AAM+22, AAC20, CMHZ23, ENARM+23, LL21, LDZ21, LZL22, LYL+24b, SAdA+22, TLC+22, ZMK+22]. **Emergy-based** [ESCA22]. **emigration** [WGK+21]. **Emilia** [MEGA21]. **emission** [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, JM22, KWP+23, LMNV20, MAN+20, RBGB23, RBEH21, Ste20, WGAH22]. **Employing** [ATP20]. **empowerment** [NBMD21]. **ENA** [HHB+24]. **enables** [VK24]. **encounters** [dKS22]. **encourages** [GLH24]. **end** [BNN20, CGRR+24, CFG+22, WJ24]. **end-to-end** [BNN20, CGRR+24, CFG+22]. **endangered** [BLLL21, HMGK20, HBP+21, MCB+23]. **endemic** [HMGK20, WLZ+23a]. **endosymbiont** [SRM+24]. **enemies** [LRA+20]. **energetic** [KLA+20, Lef23, SNN24, TMFV22, WLLW20]. **Energetics** [CDB+20, DGSM21, Koo20a, Koo24b, WWF+23, WWA+22]. **Energy** [DMPP24, 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, DLZ+20, DLZ+21, FMSR20, HMGK20, HWS+23, JMHH22, KD20, Koo20b, LAK20, LBS20, MKS21, MPMT23, Mat23, PDW+24, RPG20, RJY+20, RRCZ20, SLY+21, SL24, SML+20, VVH+20, YRK+20, vdMvDSL20]. **energy-based** [SLY+21]. **energy-budget** [JMHH22]. **Energy-Landscape** [MTP+20]. **Energy-systems** [DS24]. **engineers** [BMBB24, SBS+20, SBS+21]. **English** [DHW+20]. **enhance** [ATP20, FCP+20, Oku21]. **enhanced** [ESZ+23, HAZEF23, Kiv24, SJH+23, Woo24]. **enhancement** [YRK+20]. **enhancements** [CSCT23]. **enough** [LJRM+20, RMCCB24]. **enrichment** [OHR+23, SM22a]. **ensemble** [CWW+23, HBP+21, LLLZ21, ZFP21]. **ENSO** [GGMR20]. **entrainment** [HKH+20, LYZ+24]. **Entropy** [ZSS20, GCS+21, HMDO20, dRMJdS23, WT20, XJW21]. **envelopes** [MYACC22]. **environ** [LLW+21]. **environment** [BSE21, BWS+20, FH24, HSF+20, HLB+20, JASW23, KN20, KWG+22b, MCB+23, OEC24, PAdS+24, PNGESS21, SBS+21, SBMF23, SMP20, SGRDA+24, ZSS21, ZL24]. **Environmental** [LMNV20, MBB20, OZSU22, Pas21, AZBdAI23, APGD+21, BLA+24, BGA+23, BSR21, BAM23, BARF20, BDA+20, CZ21, DMPLHGL20, FGC24, FAC22, HHB+24, HL23, HMLZ24, HWS+23, JRD+22, JASW23, KWC24, KCHZ21, LBGD21, LCP+20, LBI+20, MDBvdBB24, MYACC22, MRR+20, MBFS21, MLP+20, NAM22, OMP+23, PG23, PDW23, PYD+21a, PYD+21b, PM22, SLYL+20, SM22a, Vas20, Vas23, WG21, WAHA+24, WBD+22a, YEL+21, ZJEG24]. **environmental-economic** [HMLZ24]. **environmentally** [ENARM+23]. **environments** [BVM+21, BR22, EHS+20, FSY22, Koo24b, MMRBLN20, SG20, TIKM24, 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, NBU+23, RFHR23, RFHR24, UGSG24, Wu24]. **equations** [AZAD+23, FGM+24, MAN+20, VMM+21]. **equilibrium** [CL24, SBMG24]. **equitable** [DL21]. **equity** [ZOJ+23]. **equivalence** [HFP22]. **eradication** [HKB+20]. **erosion** [AJG22a, AJG22b, GGMR20, LSS+21, YG21, ZLZ+24]. **Error** [KWG+23, Haa24, JTH24]. **errors** [OHH+21]. **eruptive** [Fer23]. **establishment** [AV22, FM24, JHKT+23, KKH+24, NND+22, SG20]. **esters** [WLQ+23]. **estimate** [ACFM22, GAMN+23, HCL+24, HLS+23, KAMS22, MCMP+24, PSM22, RFdL+24, SLB+23, TTPA21]. **estimated** [LCMB21]. **estimates** [ALK20, BHC22, CLW+24, DBV+22]. **Estimating** [BPK+20, GAM20, HLGF24, JS22, JMM+20, KD20, LB21, MLL20, SZL+21, WHE+24a, WHE+24b, ZPZ+22, BBIP24, GLK+22, LAK+23, LAK20, LSK24, RMA+24, SWF21, SDP23, WYBX23]. **Estimation** [AJ22, II24, CCH20, EJ20, GZD+23, HI22, HCX+21, KLS20, KWP+23, MTT22, OMC+24, RFPRC23, SWHZ22, TIKM24, WDP24, XWZ+22, Yu20]. **estimations** [YSIB24]. **estimators** [LK24b]. **estuaries** [FTH24, MLP+20, 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, LG20, MKR20, RBVL+20, SLB+20a, 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, TDI+20, WHdBB21]. **evaluates** [MGC24]. **Evaluating** [CAK+24, ERP21, GWH20, GSJ+20, HBRK24, HFSL+24, IBB+21, IBB+22, LDZ21, NGA+24, SZL+20, WLZ+23a, XCZ+20, DL21, DWH+21, MDB+20, MS23, NO23]. **Evaluation** [AAC20, CSZY+20, FM24, NWO21, WHW+23, STW+23, BSPT23b, BLL+23, CLY+23, HYY+24, Ino22, LPS+21, LZL22, MAN+20, MP23, PAB+22, SLY+21, SPPC21, SBFBDM24, SDP23, TK20b, WSZ+24, YZF20, RPARM20]. **Evaluations** [LEC+23]. **evaporation** [HKY24]. **evapotranspiration** [WLZ+23b, ZFC+23]. **event** [GRGHM21]. **events** [FS22, RFCEL22, RFPRC23, SLC+23, 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, LPSF24, LZF+24, LM21, LYL+24b, 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, WA20]. **exchange** [ASHK22, BLB+20, HLS+23, RSB+23]. **exchanges** [SMP20]. **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]. **experienced** [SBMF23]. **experiencing** [RCCLMGV22]. **experiment** [ABC+22, BLB+24a, PNGESS21]. **experimental** [MPL+20, NS20, DMdR24]. **experiments** [FH24, FZS+20, JLV+21, PSM+21, Tra24, Tur20, VN23]. **expert** [WBD+22b]. **explainable** [Woo24]. **explained** [vdMYvdW24]. **Explaining** [CKK+24a]. **explains** [SGV+24, XJW21]. **explanation** [MSG23]. **explicit** [AE22, BSU+23, CAB+21, DDG+21, GCB+22, GRCSA+20, KS22, KWG+23, LQH24, MAW+24a, MAW+24b, SLHB+23, SJA+22, SOV21, TPD+24, WBW+20, WBD+22a]. **explicitly** [SBS+21]. **Exploitation** [CDT+23, TCB21]. **exploited** [CMGD+22]. **exploration** [KAB+23b, WLSJ24, YYS+22]. **Exploratory** [BTC+22]. **explore** [BGS+20, MSLMM22]. **Exploring** [AAAR23, AAAR24, BNN20, CKK+24b, KMH+21, KLL+24, LJvdM24, LPL22a, LZL23, SBM+22, SHF24, WZLC24, dMT23, BRBT22, DMGP20, GRS+20, NGA+20]. **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]. **extensions** [MKS21]. **extensive** [BNN20]. **extensively** [HH23]. **extent** [AFdSM23, GHK23]. **extinction** [Dav22, TCB21, Uch23]. **extinctions** [GRCSA+20]. **extrapolation** [RRFLV+22]. **Extreme** [WW24, Dav22, SLC+23, SCH+21, ZOJ+23]. **extremes** [LSH24].

facilitates [CKC20]. **Facilitation** [Pre22]. **facilities** [WbM+24]. **facing** [BLB+24a]. **factor** [ST24]. **factored** [PSG21]. **Factors** [BLB+20, SOP22, BLA+24, CDN+23, CKK+24b, DCCL24, DPC20, FM24, HYY+24, HCL+22, LHJ+24, LW23, 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]. **family** [SBFBDM24]. **Farm** [WrJP+22, TLC+22]. **farmer** [ASKR24, BAM23, LE23, MGdM+20]. **farming** [BGA+23, ENARM+23, HSP+22, MDB+20, WAHA+24]. **farmland** [LE23, OEC24, WWCT24, YLLL23]. **farms** [LBN+22, MM21]. **fast** [AKM22, LM21, LCM24, SdlP20]. **fastidiosa** [BCMV20, GSC+23]. **fate** [BSPT23a, BSPT23b, MLV24, SSJC23]. **fates** [WLQ+23]. **Fath** [Des21]. **fauna** [Yao21]. **favorable** [KDC+21]. **favourability** [MDT+23]. **favourability-based** [MDT+23]. **Feasibility** [AS22]. **feature** [LSG21]. **Features** [CLG20, KBC24, SDD+20]. **February**

[Ano20d, Ano20p, Ano21d, Ano21p, Ano22p, Ano23p, Ano24p]. **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]. **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, MSLMM22, MSLM+24, MD23]. **few** [AXMJ22]. **fidelity** [BR22]. **Field** [CFL+22, SOV21, BGA22, FH24, GZD+23, HGBK23, LAC+24, MGC24, NGE+21, PSM22, PDD+22, SGH+23, SRM+24]. **field-based** [PDD+22]. **fields** [BMAME+23, GSR+23]. **fieldwork** [DIS23]. **filamentous** [KBAC20]. **filter** [CWW+23]. **filtering** [EMH+22, VMH+21]. **filtration** [GNH+24]. **Fine** [Fou21, JSD+22, KTB+23, YSIB24]. **fine-scale** [JSD+22]. **Fine-tuning** [Fou21]. **finer** [KKF+23]. **finless** [DZC+23a, DZC+23b, HSF+20]. **finmarchicus** [BVM+21]. **Finnish** [KRM+22]. **fir** [BLB+20, NLW+24, SKW23]. **fire** [ABRG21, AAAR23, AAAR24, BKTM20, dTCGF+24, ERP21, HH23, JLH+21, JB22, LMW+23b, MMdP+21, OHP+23, SLHB+23]. **fire-land** [JLH+21]. **fire-prone** [ABRG21]. **fires** [dRMJdS23, NA22]. **first** [BPN+20]. **Fish** [AWW24, BPK+20, BGCJ21, BSR21, CSBS21, CFG+22, DLY+22, FTH24, HML+22, HWSD24, JMHH22, KTB+23, LDC+20, LBN+22, LCP+20, LBI+20, LZD+24, LYZ+24, LSK24, LGA+21, LUT+24, MFF+24, NT23, NPK+23, NPS+23, PBH22, RUTY23, RGB22, SLB+20a, SRTS20, SZKLL24, VRRI+24, WLZ+23a, WLY+23, WbM+24, WDP24, 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, LGL+24, MZLRSZ21, RSC+23, SM22a]. **fishes** [HMDO20, LLB+23, SGLK20, WLSJ24]. **fishing** [BAAN24, KiAM+20, KKH+24, RWF22, XHZH24]. **fit** [PAS+22]. **five** [IBB+21, IBB+22, ZMF+20]. **fixation** [CL24]. **fixed** [GSRB22, HLS+23, JPL21, MLV24]. **fixing** [GSRB22]. **fjordic** [GMM+24]. **fjords** [AM22]. **flammability** [VMG+24]. **flammulated** [CWH+21]. **flexibility** [AKY+22]. **Flexible** [JLL+24, JMC+22]. **flight** [KWG+22a, SGV+24]. **flights** [STQ+22]. **Flipbook** [HHB+24]. **Flipbook-ENA** [HHB+24]. **floating** [HLS+23]. **floodplain** [LUT+24, TSUY23]. **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**

[FCFCM24, GZ23]. **Fluid** [GCSlR22]. **flume** [LEC+23]. **fluorescence** [SPPC21, YYS+22]. **FLUS** [ZZQ23]. **flux** [ASHK22, CSB22, SPPC21, ZWZ+20]. **fluxes** [ACFM22, BGC+24, CLW+24, GXZ+24, HKSM23, SNP+23]. **fly** [DBN+22, YKZ+23]. **focal** [For20]. **focused** [Laz23]. **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, VVH+20, WLLW20, WA20, WSN+21, YZZF22, ZBW+24, vdHNH+20]. **footed** [JZJ+20]. **footprint** [EGAS23, LYL+24b, RPARM20, SML+20, TWL+22, TBZ+22, ZMK+22]. **forage** [MPA+24, PAdS+24]. **foragers** [CNNS+21, FH24, GLH24]. **foraging** [BSR+23, CDNN+20, JOE23, KN20, RBEH21, YDLT24]. **forcing** [CBG+22]. **Forebay** [LYZ+24]. **forecast** [HEL+21, WCSX22]. **Forecasting** [BPW+21, HWS+23, KiAM+20, AAAR23, AAAR24, CZ21, DNM+24, HAZEF23, NLMM23, Pie23, ZFP21]. **forecasts** [NLMM23, WF24]. **foreign** [SML+20]. **Forest** [BAR20, ETAAH21, Mea20, MTZA23, RBEC21, ABH+20, ACC+24, ACD+24, AHO+20, BSS+24, BAPW20, BPF24, BdSG+23, BLL+23, BGC+24, CM21, CWW+23, CLW+24, DBV+22, DS24, FFM+23, FEPR24, FG21, FSZ+20, FZS+20, FHP+22, GMS+23, GHK23, GSMD24, HKY24, HBRK24, IBB+21, IBB+22, JB22, KLL+24, Kiv24, KWP+23, LDR+20, LhNA+21, LhNA+22, ML20, MSLMM22, MSLM+24, MLV24, MKB+24, NMS24, NA22, PPH+21, PZH+21, PNGESS21, PSW22, PCL24, Pre22, PGSL+20, RTB+24, RFJ+22, RFF+23, SE20a, SE20b, SAL+22, SCF+24, SMD+20, SLLW21, SPPC21, SNP+23, TDI+20, VK24, VBB+24, VMG+24, WZHP21, WYBX23, WLT+23, YA24, ZCJ+20, ZLL+23, CKC+24, VSK+20]. **forested** [BPL+20, HH23]. **Forests** [HHI+22, AMP+23, BSS+24, CAK+23, HHFB23, HHBF24, HLH+21, IBB+21, JHKT+23, LBL+24, LPS+21, LMW+23b, MLL20, MAGR+22, MHP+23, MSG+21b, MKB+24, PKO+21, dOPdMdS+21, RRP+23, RLdM20, RBVL+20, SLHB+23, SKPL24, SFGB23, SKW23, SGB+24b, XJW21, YSIB24, ZRMW+20]. **form** [MAN+20, WB24]. **formation** [FMRMAS24, 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]. **fractions** [LLC24b]. **fragmentation** [JRD+22, cNKF24]. **fragmented** [BWCD23, CJM+23, HWSD24, LSA+21, RMV+24]. **fragments** [LTR+24, MSLMM22]. **framework** [AMK21, AZALP+24, AAR23, BSU+23, BGK+20, BAR24, CMSD+22, 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, PDGB21, PKKT+24, RAC+24, SGPSzC22,

SGA22, TLC+22, TWL+22, TDI+20, ZWZ+24, ZLL+23]. **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, SC24a, SRTS20, TCS21, Tsy22, WSZ+24]. **friendly** [ENARM+23]. **front** [ASL+20]. **frozen** [LMW+23b]. **frugiperda** [BSU+23, dAWG23]. **fruit** [DBN+22, LBT+22]. **fuel** [VMG+24]. **fugacity** [WLQ+23]. **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, dAdSCA20]. **functioning** [MPC+22, MBG+22, RLS+24]. **functions** [ALK20, CNSK21, LAK20, PCN+23, VPV21]. **fundamental** [EL21, JS22]. **Fundão** [SAdA+22]. **fungal** [MGHT20]. **Fusarium** [GGS+22]. **fusion** [SWP+23]. **future** [BPW+21, CZ21, CLW23, CLG20, ELS23, FHP+22, FS22, GHK23, HSD+21, KNP+21, LhNA+21, LhNA+22, MBD+22, PR22, SGB+24b, ZPZ+22, ZXK+24, vSS24]. **futures** [KMH+21]. **Fuzzy** [DSHB23, KLH+24, KLL+24, ZWL+21].

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** [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, DLT+22]. **generalizable** [RBEH21]. **Generalized** [SE21, CIL+20, JLL+24, KWC24, SE22, WSL+22]. **generated** [TK20a]. **Generating** [BMG24]. **Generation** [EHS+20, LGA+21, MKS21]. **generic** [CdCAC+20, DWG22]. **generically** [CDJ+22]. **genetic** [ACM24, SG20]. **genetically** [NS20]. **Geo** [DIS23]. **Geo-spatial** [DIS23]. **geochemical** [ACFM22, MTT22]. **Geographic** [LB21, HMDO20, RJY+20, SM22b]. **geographically** [BBIP24, CKC+24]. **geography** [MYACC22, USA21]. **geolocation** [NT23]. **Georgia** [MPPM23]. **geospatial** [KKF+23]. **geostatistical** [BMB24a]. **Gerais** [MRR+20, dPGDdFS24]. **German** [HHBF24]. **germanica** [CH22]. **germinans** [LK20]. **GHG** [HWS+23, KMH+21]. **giant** [DRZ+24, XFK21, HYY+24]. **GIS** [CEB+24, DTR+22, DIS23, ILLM20, KFM+23, Lov24, SD24, USA21]. **GIS-based** [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+24]. **Global**

[HRW+24, LB21, MBFS21, CBW22, COPM23, CYP+20, Cor20, CKC+24, 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]. **global-scale** [CYP+20, Cor20]. **globe** [HHFB23]. **globosa** [LCMB21]. **goal** [NMV+23]. **goals** [GCMU23, NAM22, HL23]. **going** [ARSC22]. **golden** [BDP+23]. **Gompertz** [CMG20]. **Good** [LS24, WGFS24, BCMV20, LJRM+20, MWB+24]. **Gorges** [XWX+24]. **governance** [PDW23]. **GPLake** [CDJ+22]. **GPLake-S** [CDJ+22]. **GPP** [SPPC21, YYS+22]. **Grabarnik** [Mea20]. **gradient** [ALS+21, 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, LSH24]. **grass** [HGBK23, PAdS+24]. **grassed** [SCG+24]. **grasshopper** [LBGD21]. **Grasshoppers** [HSL+22]. **grassland** [HCL+24, HCP+20, LWL24, MTW+22, MPA+24, WHW+23, SOP22, WTT+21, Yu20, ZFT20]. **grasslands** [AG22, ACFM22, BAZ22, CSM23, dTCGF+24, DP20, HHT21, MPCG21, PSM+21, SHT21]. **grazer** [KWG+22b]. **grazing** [CSM23, JZS+21, SCG+24, ZGG22]. **Great** [KWM+24, ZFT20, AJ22, ABR24, BWS+20, 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** [AAC20, BST+20, BWT+24, HCP+20, KMH+21, MTS+20, TQM+24, TCG+20, 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, ZZLF24]. **Ground** [ABC+22, EOÖ21, FSZ+20, FZS+20]. **ground-level** [EOÖ21]. **Ground-truthing** [ABC+22]. **grounds** [KiAM+20]. **Groundwater** [MSS24, Che21, ZSS20, BPN+20]. **groundwater-dependent** [ZSS20]. **group** [AIA+23, GAC+21]. **groups** [BLP20, NHGP23, RBGB23, vWVH20]. **grouse** [OHP+23]. **Growth** [KDC+21, dSMPA+22, dOPdMdS+21, VLGG+20, WXT+20, AZMD+22, AZAD+23, AXMJ22, AG22, AWW24, CZ21, CMG20, CAK+23, CMS+21, DHW+20, DMPP24, DMG22, DPC20, dMFOM+20, HMVR21, HGBK23, HFP22, Jia21, JASW23, KLS20, KAB23a, KABL21, KGBL24, KLA+20, KBAC20, LK24a, LM21, LZF21, LCMB21, MPSS24, MGHT20, MJ24, MFF+24, MLP+20, PCN+23, PKO+21, Pre22, RGB22, SE20a, SE20b, SVK20, SGH+23, mSzZK+21, SMV+20, SRB+20, SLC+20, TMFV22, TKO+22, WYJ+22, WDP24, YA24, YSFX23, ZWZ+24, ZYK22, ZS20]. **growth-maintenance** [AG22]. **Guangxi** [ZHJQ23]. **guarantee** [CKC20]. **guaranteed** [AZBdAI23]. **GUESS** [ERP21]. **guianensis** [dOPdMdS+21]. **guidance** [Gri20]. **guide** [BWCD23, DWG22, 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, BOLC+22, BHC22, BLLL21, BBSHC22, BG22, CWH+21, CLW23, CKK+24a, CKK+24b, CKK+24c, DL21, DSHB23, GVG+23, HYY+24, ILLM20, JLH+21, JHKT+23, JRD+22, KLL+24, KLR+24, LZF+24, LZD+24, LGA+21, LUT+24, MS23, NCG+24, OEC24, OHP+23, PWN+24, PTNR+20, SvV21, SWW+23, SKH+20, WLZ+23a, WWF+23, WKL+21, WBS+24, WWCT24, Yao21, YXY+20, ZWL+21, cNKF24]. **habitats** [Che21, CMRF+24, DTD+23, GRCSA+20, KE24, YDQ+23]. **Haliaeetus** [RM20]. **Haliotis** [DLZ+21]. **Handling** [LKPK22]. **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]. **harvest** [dSCdA21, DAG+21, DDL+20, SLLW21]. **harvested** [MLV24]. **harvesting** [BSE21, KLPJ24, NK23, PBH22, PHK23, SvV21, SM22a]. **harvesting-induced** [NK23]. **hatching** [LAK+23]. **hatchling** [LHDBN20]. **hazard** [AAAR23, AAAR24, GMV24]. **healing** [LHL22]. **health** [PF23]. **heat** [KFM+23, SCH+21, ZOJ+23]. **heatwave** [SMV+20]. **heatwaves** [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]. **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]. **HermaDEB** [LBS20]. **hermaphrodites** [LBS20]. **hermaphroditism** [MT23]. **hermaphroditism-dioecy** [MT23]. **heterocyst** [GSRB22]. **Heterogeneity** [GLH24, DPA21, LGFT+20, LP22, vDC20]. **heterogeneous** [BR22, PEFW20, PMP+21, SG20, WOOS24]. **Heterosigma** [SIOM24]. **Hexi** [LZF+24]. **Hidden** [RWZ+24]. **hierarchical** [BRSW24, KWC24, PDGB21, 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, FSY22, 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, 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** [BRAL23, CLPZ20, GMV24, 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, ZZWF21]. **hotspots** [CXZ+23]. **hourly** [BH20]. **household** [GM23]. **housing** [CLY+23, JASW23]. **HSPF** [LKP+20]. **Huangguashan** [JLLS23]. **Hugo** [Pas21]. **human** [CBW22, CXZ+23, DYMD22, FMSR20, GMS+23, GRCSA+20, HL23, KCS22, MDP21, MPMT23, PMB+22, RGRMRR20, ST24, 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** [SWF21]. **hunter** [LP22]. **hunting** [CPAT20, KLPJ24, RRFLV+22]. **hurdles** [GSMD24]. **Huron** [FM24]. **Hutchinson** [MYH+20]. **hybrid** [BOLC+22, CKK+24c, LNK+21, PR22]. **hybridization** [SCB+20]. **hybrids** [CKK+24a]. **HyDiaD** [BOLC+22]. **hydra** [dAdSCA20]. **hydraulic** [KSJ22]. **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, NA22, ZRMW+20, dPGDdFS24]. **hydrology** [LMW+23b, NWO21, NO23]. **hydropower** [DYW+22]. **hyperallometric** [SGLK20]. **hyperbolic** [PSZ20]. **hypereutrophic** [DAQ20]. **hypotheses** [SGLK20]. **hypothesis** [Lef23]. **hypoxia** [DMPP24, FTH24, SNN24]. **Hyrcanian** [LhNA+22, LhNA+21].

ibex [LGFT+20]. **IBM** [LBS20]. **ice** [DMdR24]. **ice-cover** [DMdR24]. **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]. **Identifying** [BGCJ21, JASW23, KRM+22, Kiv24, MKEH20, XMWL23, BSU+23, KDC+21]. **Ideotype** [SGB+24a]. **Ignoring** [ŁKPK22]. **II** [BSPT23b, FZS+20, PKKT+24]. **III** [ML20]. **iLand** [RTB+24]. **illustrates** [KKM+24]. **Illustration** [RGB22]. **images** [CSZY+20, Lia23]. **imbalance** [BSCH23]. **immersed** [For20]. **Impact** [ELS23, JL23, JASW23, MSL+21, NO24, SLYL+20, AMK21, AFG24, BSS+24, BMB21, CdCAC+20, COJ23, CDN+23, CDJ+22, CL24, DAG+21, DN24, HHBF24, HMC20, HLS+23, JB22, KE24, LPSF24, LDXJ22, MGHT20, MTBB22, NA22, PDW23, QS23, RCCLMGV22, RBVL+20, SLB+23, TKO+22, VMH+21, Vas23, WAHA+24, YLLL23, ZA20, ZYZ22, ZCJ+20, ZZLF24]. **impacted** [CDT+23, ZRMW+20]. **Impacts** [CP22, CPAT20, KWG+22b, XLS20, ZMF+20, APT24, BPW+21, BGS+20, BNAR+21, BRBT22, CRZ+23, COPM23, CNSK21, Dav22, EBS23, ETAAH21, HKB+20, HWSD24, KLR+24,

KBSS23, LCW+21, MCMP+24, MCB+23, MGC24, MBD+22, MPA+24, PK23, PTG+20, WHW+23, SBS+20, SBS+21, SG20, SBWB24, TGRM23, TIKM24, TCS21, WLL+24, WBS+24, XCZ+20, ZXK+24]. **imperfect** [BR22, SOV21]. **implementation** [BGA+23, HKG+24]. **implemented** [BGA22]. **implication** [BSB+24]. **Implications** [BHC22, CR24, CNSK21, HKSM23, LRA+20, SE21, FEPR24, FLG+23, FTH24, RBEC21, Pas21]. **implicit** [AE22]. **import** [NO24]. **Importance** [FS22, RMS24, ALS+21, CKK+24c, DVPPMV+24, EJ20, GMS+23, HHT21, JHKT+23, NPK+23, WRC21, vdHNH+20]. **important** [MFF+24]. **imprecise** [XCZ+20]. **improve** [CSCT23, GNH+24, GZD+23, MVAD20, dRMJdS23, PTG+20]. **Improved** [HKY24, HCX+21, KWP+23, KBAC20, Ste20, WMA21, BA20, CWW+23, LCW+21, NYH20, dOPdMdS+21, SPPC21, Yu20]. **improvements** [LKP+20]. **improves** [BSCH23, BMG24, CLW+24, JST+22, OW20, RFF+23]. **Improving** [AMP+23, ASKR24, BLSR+20, KMP+23, PGSL+20, SZPW23, SNM+23, WXX+23, YCI20, BGK+20, GXZ+24, TCG+20]. **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** [cNKF24, FS22, GLH24, GGMR20, HHBF24, TCB21]. **increases** [ALJ+22, KKF+23]. **Increasing** [dGZHCA24, FWK+20, SQDM21, WGMR23, WLZ+23b]. **incubation** [CC20]. **independent** [HI22, PPH+21]. **indeterminate** [CMG20]. **index** [AZALP+24, HKSM23, HCL+24, JPL21, PSZ20, WAHA+24, ZSS20]. **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, MKS21, Mea20, PMP+21, RPG20, RHP+24, AVRC+20, AHO+20, APF21, BGS+20, CDB+20, CGVC21, CKK+24a, CKK+24c, DAB+20, DWH+21, EWE20, GRCSA+20, HBMR24, HKG+24, KCP+23, KD20, Koo24a, KWG+23, LGFT+20, LDC+20, LBI+20, LQH24, MSG21a, MSG23, dSMPA+22, MCMP+24, MJ24, MPL+20, OMC+24, PMMTF+24, RTB+24, RFJ+22, TBM+24, 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, DWH+21, EWE20, GRCSA+20, HBMR24,

HKG+24, KCP+23, Koo24a, KWG+23, LGFT+20, LBI+20, LQH24, MSG21a, MSG23, MCMP+24, RTB+24, TBM+24, WHE+24a, WHE+24b, WBW+20, WBD+22a, WJ24, WLSJ24, YDLT24, ZMS20, Mea20]. **individual-level** [AVRC+20]. **individual-specific** [OMC+24]. **individuals** [MOS21]. **Indonesia** [JASW23]. **induced** [dSBDH23, CBSB23, DBK20, GRAA22, GZ23, LPS+21, NK23, SPPC21, YYS+22]. **Indus** [BSB+24]. **industrial** [DS24, KHS+23]. **industrial-natural** [DS24]. **industry** [nCLpW+23, PDW+24, PAPŁ+23]. **inequality** [LMW+23a]. **inertial** [CGV22]. **infection** [CGB+23, CYP+20, Cor20, SRM+24]. **infections** [DEMJ24]. **infectious** [GMM+24, VSB22]. **infer** [GSM+20, JVGC21]. **inference** [ŁKPK22, Mau24, TDI+20]. **inferences** [ATP20, DVPPMV+24]. **inferring** [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]. **inform** [CSMP21, GML+20, RMS24, WT20, WDW+22]. **Information** [LB21, SPV+20, ZL24, BAM23, HKB+20, HNC+21, LLW+21, MGK+23, MPMT23, RBMRR20, 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, SE22, SKH+20, SM22b, dGMCM+23]. **insects** [CH22]. **insight** [NCG+24]. **Insights** [AADHA+23, dSCdA21, HSP+22, HCPG20, MAGR+22, PYD+21b, PTNR+20, RMV+24, ZWZ+20, ECD+24, HBMR24, JZJ+20, MAW+24a, MAW+24b, PSM+21, SLB+20a, dFT+20, LJRM+20, PYD+21a]. **inspires** [PSW22]. **instream** [KTB+23, LKP+20]. **instruments** [BAM23]. **intake** [vdMvDSL20]. **integer** [SRÁMH+20]. **integral** [JPL21, PSBE23, PFK+22]. **integrate** [MTBB22, Mur24]. **Integrated** [BNAR+21, DKM+21, ETAAH21, 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, Ano20-50, BKTM20, CLW+24, JPL21, MBFS21, PGP+22, SVK20, TPD+24, VRS20, WDW+22, WFD23, XJW21, CDB+20, LZW20, PTNR+20, SNP+23]. **Integration**

[BLB24b, LUT+24, OW20, PRdN+20, BNN20, OCT+23, Pal24, SKW23]. **integrity** [Gon23]. **Intelligent** [Lia23]. **intensity** [CP22, PAS23, TMNA20, ZLZ+24]. **intensive** [HLS+23, ZCJ+20]. **intentionally** [SM22b]. **inter** [CKK+24a, EVHS21, KD20, MPL+20, PSG21]. **inter-** [PSG21]. **inter-individual** [CKK+24a, KD20, MPL+20]. **inter-site** [EVHS21]. **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, SLLW21, SPV+20, SPV+21, WPL+23, WMA21, WTT+21, YL22, YEL+21]. **Interactive** [KAB+23b, KPLH24, TSBE23, 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]. **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]. **intra** [CKC20, RLM23]. **intra-annual** [RLM23]. **intra-guild** [CKC20]. **intraguild** [SM22a]. **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, JL23, LBL22, MJS24, NFLvdM24, NL20, NTHC23, WLWL23]. **invasive** [CH22, CEB+24, JL23, LGG+22, LSH24, LDXJ22, SLB20b, SWL+23, SC23, SZKLL24, SBR20, TBP+23, dGMCM+23]. **invasiveness** [PBH22]. **inventory** [BSS+24, IBB+21, IBB+22, PPH+21]. **inversion** [TDI+20]. **investigate** [DHW+20, DPC20, MSG21a, MSG23, RWF22, Wu24]. **Investigating** [AAM+22, CZ21, HZ22, MGHT20, PDH+22, RSC+23]. **Investigation** [GCSlR22, RKN+21, WRC21]. **investigations** [CM21]. **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, 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, 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].

January [Ano20e, Ano20q, Ano21e, Ano21q, Ano22q, Ano23q, Ano24q]. **Japan** [BWS+20, II24, KiAM+20, NO23, TDI+20]. **Japanese** [HKSM23]. **japonica** [HKSM23]. **jellyfish** [EWE20, XFK21]. **Jiangsu** [KHS+23]. **joint** [MJS24]. **Jørgensen** [Fat21]. **JRR** [Fat21]. **July** [Ano20f, Ano20r, Ano21f, Ano21r, Ano22r, Ano23r, Ano24r]. **June** [Ano20g, Ano20s, Ano21g, Ano21s, Ano22s, Ano23s, Ano24s]. **Jurassic** [PR21]. **Just** [PMZ+21, KBC24]. **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]. **Kashgar** [WFW+24]. **Keeping** [KAT+22]. **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]. **Kinetics** [GSJ+22, AZAD+23]. **Kingdom** [Pas21, KLA+20]. **kiwifruit** [CMHZ23]. **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]. **Kuznets** [LMNV20].

L [LhNA+22]. **L.** [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** [PRM+24, AJ22, BGCJ21, CDJ+22, FWK+20, GPN+23, HSJ+20, KUK+21, TSUY23, Tsy22, WLLW20, WLQ+23, WPL+23, ZZŠ+22, ZWZ+20, DMdR24, DVVH21, FM24, HSF+20, KKH+24, MSL+21, MFH+22, 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** [GXZ+24, LZW20, MTP+20, TLH+20, ABC+22, APT24, CP22, COS23, CPTD22, CLG20, DSC+21, DWG22, 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, WMA21, WFW+24, YPS+21, YKZ+23, ZWZ+24, 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, JSL+20, KS22, Kos22, LDR+20, LRA+20, LP22, LZL23, MPMT23, MS23, MTZA23, OW20, PTRP23, RTB+24, SZPW23, SMS+24, 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, 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]. **late** [HEL+21, PR21]. **Latent** [Por21]. **laterally** [Che21]. **latissima** [VLGG+20]. **latitude** [ALJ+22]. **latitude-adjusted** [ALJ+22]. **latitudinal** [NSS+23]. **Laurentian** [KWM+24]. **law** [KLS20, XJW21]. **layer** [FSZ+20, FZS+20, TMNA20]. **layout** [LBT+22, ZZQ23]. **lconnect** [MS23]. **leaching** [BGA22]. **lead** [JJN22]. **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, EOÖ21, GZD+23, HSJ+20, KKW+21, Lia23, MBFS21, PBS21, RSWS23, RFPRC23, SPV+21, TK20b, WLY+23, WbM+24, WCSX22, WKL+21, WrJP+22, Woo24]. **Learning-by-doing** [ASKR24]. **least** [PCK+22]. **leatherback** [CMG20]. **Lei** [ZCJ+20]. **leishmaniasis** [ZMG+21]. **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, DvDA24, EOÖ21, LYL+24b, MSML24, MAW+24a, MAW+24b, PPH+21, PR22, STW+23, TLC+22, VSS+22]. **levels** [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, EL22, HKG+24, KD20, KBSS23, LUT+24, MMS+24, MFF+24, NGA+20, NK23, RPG20, SLYL+20, SNN24, SINS22, vDC20]. **life-histories** [RPG20]. **Life-history**

[JOE23, 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]. **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]. **linkages** [MFPIBGES23]. **linked** [PRM+24]. **Linking** [HKH+23, JTH24, JLH+21, KWG+22a, AB21, Jor22, REGI+24]. **links** [AS22, MPMT23]. **Liolaemus** [NMGFOB21]. **lipped** [RRCZ20]. **list** [SCACB23]. **literature** [MMRBLN20]. **Litopenaeus** [dMFOM+20]. **litter** [LDXJ22, MLJ+23, SLHB+23]. **Liulin** [ZZLF24]. **live** [VMG+24]. **lived** [LGK+23]. **livelihoods** [CNSK21]. **lives** [SCH+21]. **livestock** [GJC+20, JST+22, MTS+20, MD23, RMD+24a, RMD+24b]. **Living** [BLP20, TLH+20, ZZQ23, WBS+24]. **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, 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, 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, XZZ+22]. **lowland** [HCPG20]. **Loxodonta** [DDG+21]. **LPJ** [ERP21]. **LPJ-GUESS-LMfireCF** [ERP21]. **LSTM** [ZHWZ23]. **Ltd** [Pas21]. **LUCC** [WLL+24]. **LUCIA** [WMA21]. **lupus** [HKG+24]. **Lycium** [SWHZ22, WSHZ24]. **Lyme** [GMV24]. **lysis** [KPLH24]. **lytic** [CGZ24].

Macau [XWZ+22]. **Machine** [Ano20-51, CAK+23, ASHK22, BSCH23, CAK+24, 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]. **Macro** [RTH+21, NO23]. **macro-** [NO23]. **Macro-symbiosis** [RTH+21]. **macroalga** [LFN+20]. **macroalgae** [VN23]. **macroecology** [GRS+20]. **macroscopic** [ZZWF21]. **magnitude** [CGB+23]. **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, BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Malaba** [COS23]. **Malakisi** [COS23]. **malaria** [KE24]. **Malayer** [KT22]. **males** [HLB+20]. **mallards** [WWF+23]. **mammal** [Dav22, JSD+22]. **mammals** [TSdOCV21]. **Managed** [Dav22, ACFM22, BLL+23, DS24, MPCG21, SLB+23]. **Management** [Ano20-51, Mea20, ABH+20, AZBdAI23, ACC+24, BH21, BAM23, BM21, CSMP21, CAB+21, DBN+22, GSC+23, Haa24, HKH+23, HAZEF23, JLH+21, LWZL23, LCMB21, Mau24, MLV24, MVC+22, MJdORPG23, NGE+21, OEC24, PGP+22, PPH+21, dOPdMdS+21, PSM+21, Pre22, RS23, RMS24, 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** [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** [EON23, GCS+21, DK22, PDGB21]. **maps** [LCP+20]. **March** [Ano20h, Ano20t, Ano21h, Ano21t, Ano22t, Ano23t, Ano24t]. **margaritifera** [SLYL+20]. **margin** [KJH24, LWL24]. **Marginal** [Men22, ESCA22]. **marginalis** [GMM20]. **marginalized** [KCS22]. **marina** [SIOM24]. **Marine** [BDA+20, BWS+20, BARF20, CMGD+22, CBG+22, CL24, CNNS+21, DS23, Dav22, FSY22, GRGHM21, GDC24, HZ22, HES+20, HES+23, 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]. **marketability** [CLY+23]. **Markov** [RWZ+24, LM23, SOV21]. **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** [GGS+22, LJP+22, TIKM24, WGAH22, BDP+23, BCMV20, EBS23, FH24, GAC+21, GRAA22, Ino22, RCCLMGV22, RWF22, SE20a, SE20b, SvV21, ST24, WPL+23, YXY+20]. **mathematics** [ZWL+21]. **matrices** [TK20a, TTPA21]. **Matrix** [TK20a, CCJK+20, CP20, LKO20, LSG21, PTG+20, SCB+20, SdlP20, XYZR21, dVDC20]. **Matt** [EVT+21]. **matter** [AB21, FMSR20, WTT+21]. **matters** [BS20, Fou21, RWS+21, VVH+20]. **Mauve** [EWE20]. **MaxEnt** [HPMB20, SRTS20, SM22b, vSS24, ATP20, SC24a]. **maximize**

[DGVVP23, RMCCB24]. **Maximum** [dSCdA21, AKM22, DCCL24, GCS+21, HMDO20, dRMJdS23, dAPdBMT23, RLM23, WT20, XJW21]. **May** [Ano20i, Ano20u, Ano21i, Ano21u, MBD+22, SGB+24b, Ano22u, Ano23u, Ano24u]. **mayfly** [KFJS20]. **MCDA** [USA21]. **MCDM** [ŁJ21]. **MCR** [HYY+24]. **meadow** [ALS+21, PR22]. **mean** [Dav22]. **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, SIOM24, SZL+21, YXH20]. **mechanisms** [SNN24, SINS22, ZXK+24]. **Mechanistic** [SMS+24, BPW+21, BGA22, CSBS21, EJ20, HMGK20, HZ22, HFSL+24, KN20, KBAC20, LLC+24a, MK21, MJ24, MLJ+23, MBG+22, MOS21, RBEH21, RMD+24a, RMD+24b, dAWG23]. **mechanized** [NGA+24]. **Medawar** [WWK+24]. **media** [PDW23, PAS23]. **media-based** [PAS23]. **mediate** [SM22a]. **mediated** [VVH+20]. **Mediterranean** [RSC+21, RSC+23, AACCIS20, BRC+21, BCMV20, DAQ20, LPD+20, MTL+23, PGSL+20, SBF+21, SMD+20, SZKLL24]. **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** [CMA23, GSM+20, KN20, LK24a, MTS+20, SGLK20, VVH+20, XJW21]. **metabolism** [BMB21, BCW+23, CLG20, DvDA24, EL22, LZF21, MKS21, WZZF23]. **metacommunities** [AE22, LQH24]. **Metacommunity** [BACS22, LBL22]. **MetaIBM** [LQH24]. **metal** [LLW+21]. **metallophyte** [BMS+20]. **metamodelling** [CGVC21]. **metamorphosis** [PDG+20]. **metaphor** [SGPSzC22]. **metapopulation** [FdKO21, FAC22, HWSD24, NTHC23, RGB+23, SdlP20, BGC+23]. **metapopulations** [BSR21, TA20]. **meteorology** [JPL21]. **methane** [SMM+22]. **method** [AAM+22, DL21, For20, FG21, 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, WT20]. **metric** [GAM20, OW20]. **metrics** [GSJC22, GWH20, SBFBDM24, SDSP+21]. **metrix** [CC23]. **Metropolitan** [MTP+20, AXMJ22, BBCD23, NSS+23, WWC+22, SBF+21]. **Mexico** [CGRR+24, MZLRSZ21, 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]. **microbe** [BMB24b]. **Microbial** [MSL+21, AKY+22, KAB+23b, KKPR20, MKN23, YXH20]. **microbiome** [LLZM20]. **microbiota** [LSL21]. **microclimate** [MK21]. **microclimates** [SVK20]. **Microclimc** [MK21]. **Microcystis** [DAQ20]. **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]. **migrating** [HBMR24, KTB+23]. **Migration** [WWA+22, AKM22, ASL+20, BdBG+21a, BdBG+21b, CRF24, CSB22, DZBB24, DNM+24, DLY+22, Fer23, KiAM+20, MBB20, NPS+23, PTD+23, PMB+22, SdlP20, SJH+23, WGK+21, WbM+24, ZLL+23]. **migratory** [ARSC22, DAB+20, 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** [RPT21]. **minimalistic** [DDDC21]. **Minimizing** [MTS+20]. **mining** [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** [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, SRÁMH+20, 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]. **mode** [KS22]. **Model** [BWT+24, DLT+22, KUK+21, KAT+22, LWL24, PKB+23, RSB+23, RCSS20, TLH+20, Tra24, Tur20, YHC+21, AJG22a, ABKA24, Abe20, AB21, AZMD+22, AZAD+23, AXMJ22, AE22, AS22, AM22, 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, BRBT22, BLSR+20, BAZ22, BCMV20, BSM23, BRAL23, BARF20, BDA+20, 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, DBK20, DMPP24, DAG+21, DDH+22, DGSM21, DGVVP23, DDG+21, DP20, DBN+22]. **model** [DDDC21, DLZ+21, DVVH21, DWH+21, EL21, EWE20, EBMK20, EHS+20, EL22, EBS23, ERP21, ESZ+23, FMH+20, FH24, FC21, FFM+23, FEPR24, FMRMAS24, FGM+24, FAC22, FSZ+20, FZS+20, GSR+23, GNH+24, GAMN+23, GMM20, GSC+23, GGMR20, GRAA22, GRCSA+20, GSRB22, GXZ+24, GWD+23,

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, HFSL+24, HLM+20, HCX+21, HLS+23, HFP20, HFP22, JvVvHH24, JTH24, JLH+21, JMHH22, JGG23, JLL+24, JLV+21, JPL21, Jia21, JZHT23, JHKT+23, JSL+20, JSD+22, KiAM+20, KAMS22, KMH+21, KAB23a, KN20, KCP+23, KABL21, KWG+22a, KE24, KKF+23, KLH+24, KMP+23, KS22, KD20, KKH+24, Koo20b, KWG+23, KTB+21, KWP+23, KPLH24, KKPR20, LTR+24, LGFT+20, LE23, LDR+20, LFN+20, LUV+23, LLC+24a, LPSF24, LKP+20, LBGD21, LBI+20, LYC+21, LJP+22]. **model** [LWE+22, Lia23, LDX+23, LZW20, LCW+21, LPS+21, LWZL23, LNK+21, LYL+24b, LGA20, LCMB21, MK21, MDB+24a, MKR20, MT23, 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, NWO21, NO23, NHGP23, NCG+24, NGA+20, NDNN22, NLW+24, NT23, NYH20, NTHC23, 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, PMB+22, PAdS+24, PKKT+24, PMP+21, PGdAM+20, PR22, dAPdBMT23, PM22, POWS24, QZSV21, RSWS23, RCCLMGV22, RTB+24, RWF22, RFCEL22, RFJ+22, RBMRR20, RJY+20, RUTY23, RBEH21, RMA+24, RRSG21, RGB+23, RGB22, RBVL+20, SBS+21, SGB+24a, SLHB+23, STQ+22, SJA+22, SSM24, SFGB23, SvV21, SBM+22, SMM+22, SWHZ22]. **model** [SIOM24, SLM24, mSzZK+21, SACEU+21, SHF24, SWW+23, SWP+23, SDH21, SJH+23, SNP+23, STRC24, SBWB24, SRB+20, SDP21, SBR20, SM22b, TBCV22, TBP+23, TWL+22, TLL+23, TSUY23, TBM+24, TDI+20, TKO+22, TSBE23, TK20b, VRRI+24, VMH+21, VVH+20, VJK+23, VRS20, VSS+22, WBW+20, WRC21, WYJ+22, WHL+23, WLQ+23, WPL+23, WSW23, WbM+24, WSZ+24, WSHZ24, WYBX23, WMA21, WBD+22a, WWF+23, WCSX22, WWA+22, WKL+21, WJ24, WLSJ24, XYZR21, XLS20, XCZ+20, XLM+23, YDQ+23, YRK+20, YXY+20, YLS+21, Yu20, YCI20, ZMG+21, ZYZ22, ZZZD22, ZPZ+22, ZZQ23, ZLLZ24, ZL24, ZHWZ23, ZHC23, ZZG+24, ZGMFESD23, ZS20, dGZHCA24, dPGDdFS24, dVDC20, dFT+20, vSS24, BSPT23a, BSPT23b, DBDR22, GXZ+24, Pal24, dKS22, AJG22b]. **Model-based** [KUK+21, Tra24, JvVvHH24, WRC21]. **modeled** [AAR23]. **Modeling** [AJG22a, ASHK22, AV22, ABM20, ABRG21, AVP+23, BMAME+23, BLLL21, BP21, BWCD23, CRZ+23, DTR+22, DCT+21, DAG+21, GSR+23, GM23, GMV24, HHI+22, Hop23, JLV+21, JMPB24, KRMP23, KCS22, LSA+21, LSL21, LCLG20, LSS+21, LGL+24, LCM24, LDXJ22, MMS+24, MPSS24, MEGA21, MCB+23, NKT+20, NAM22, PK23, PBH22, PRM+24, PZH+21, QS23, RBLS23, RRP+23, RKN+21, RGD20, SKPL24, SGTS21, SPB+24, SBF+21, SCH+21, SINS22, SWP+23, SZKLL24, SDP21, TCB21, Tsy22, VRW+21, Vas23, VLGG+20, WXH+22, WLY+23, WSW23, WB24, YFW+21, YEL+21, ZRMW+20, AZALP+24, AGS+21, AGS+22, AHO+20, BZZT22, BdCCdSAdS23, BPL+20, BAR24, CGZ24,

CAK+23, CAH22, CKC+24, DAQ20, EOÖ21, EVHS21, ELS23, EV22, ERP21, FGC24, dMFOM+20, For24, GCB+22, GSA24, GXZ+24, HBP+21, HZ22, HPMB20, HMDO20, HBRK24, HSD+21, HCPG20, JZS+21, JMC+22]. **modeling** [JM22, KKP+21, KLL+24, KGBL24, KFJS20, KLPJ24, KBAC20, LJRM+20, LBB20, LJP+22, LGA20, LUT+24, MGC24, MVC+22, NBML21, NA22, NCG+24, PGP+22, dOPdMdS+21, Pre22, PCK+22, RMV+24, RK20, RFHR24, RFF+23, RBEC21, RBEH21, SAL+22, SLYL+20, SLC+23, SHT21, SOV21, SC21, SKH+20, TSdOCV21, TIKM24, WDW+22, 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, ABR24, BJKT21, BH21, BLL+23, BAR20, BGA22, CH22, CBW22, COJ23, CDN+23, COS23, CVTS20a, CMG20, CIL+20, CSB22, DYMD22, DMM+23, EWE20, FMSR20, GMM+24, GRGHM21, HLB+20, HES+23, KWC24, KTB+23, KHH+24, LE23, LK20, LRA+20, LBPL20, MLMI23, MAN+20, MSLM+24, MMMS23, NSS+23, NHGP23, NS20, NPK+23, NTHC23, Pas21, PEFW20, PKO+21, RPB+23, RSC+21, SBS+20, SE20a, SGP+20, SLB+20a, SGTS23, SLB20b, SPPC21, SRM+24, SML+20, TGRM23, VMM+21, VSK+20, WHE+24a, WWP20, WXT+20, YLLL23, ZSS20, dAWG23, vWVH20, AADHA+23, AMK21, Ano20-50, ACM24, BdSG+23, BPW+21, BRC+21, BdBG+21a, BdBG+21b, BSB+24, BS20, CFL+22, CDNN+20, CSMP21, CN20, DTR+22, DIS23, DK22, DZBB24, DKM+21, DVPPMV+24, DWG22, DSHB23, FSY22, FLG+23, GDF22, GGS+22, GCS+21, HKB+20]. **modelling** [HSP+22, HHT21, HK23, KFM+23, KWM+24, KWG+22b, Kiv24, Kos22, LBL+24, LG20, LS24, LQH24, LSG21, MSG21a, MSG23, MSL+21, dSMPA+22, MAD+20, MDP21, MDB+20, MTW+22, MCMP+24, MFPIBGES23, MWB+24, MTT22, MAW+24a, MAW+24b, MSS24, MM21, NMC+20, OBFH22, PMMTF+24, PTRP23, PBS21, PKKT+24, PMP+21, PGSL+20, RS23, RPG20, RHP+24, RFPRC23, RMS24, dSRDC+23, RLdM20, RAC+24, RMD+24a, RMD+24b, SCB+20, SRTS20, SVK20, SACEU+21, SCACB23, SWF21, SGA22, SC23, SL24, TMNA20, WG21, WWK+24, WGFS24, WT20, YKZ+23, ZMS20, ZJEG24, ZLL+23, vOVvdW23]. **Models** [ECC+22, Haa24, AHH22, AJ22, AZLPGE+24, AMP+23, ABB23, AS22, ATP20, AFdSM23, AWW24, ALJ+22, ASKR24, ACFM22, BPF24, BM22b, BM22a, BLB24b, BSCH23, BMM22, BWSS21, BRSW24, BLSR+20, BMG24, BG22, BVR+20, CSZY+20, CSBS21, CCJK+20, CWH+21, CDB+20, CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24c, DMG22, DAB+20, DRZ+24, EJ20, FDSM20, Fou21, FHP+22, GVG+23, GSH+22, GWH20, GML+20, GSM+20, GLK+22, GSMD24, HKH+23, HFSL+24, Ino22, IBB+21, IBB+22, Jag20, JJN22, JZJ+20, KWC24, Kle23, KKM+24, Koo24a, LL22, Laz23, LEC+23, LK24b, LPHO+20, LKO20, LAC+24, MLD+23, MKS21, MDBvdBB24, MGK+23, MYACC22, Mas23, MBFS21, Mau24, MMRBLN20, MVAD20, MBS22, MBD+22, NGE+21, OTR+21, OHH+21, OMC+24, OCT+23,

OHP+23, OW20, OKS+21, PGP+22, PRM+24, Pie23, PAB+22, PFK+22, PTNR+20, RSS24]. **models** [RSWS23, RSC+24, RRCZ20, REGI+24, RPT21, RRFLV+22, SdlP20, SVK20, SCF+24, SOV21, SKW23, SE22, STW+23, SBFBDM24, SSB22, SGRDA+24, SDP23, SBMG24, Ste20, TMFV22, TQM+24, TCG+20, TGL+22, Tur20, VDK+24, VRS20, WHE+24a, WHE+24b, WSM24, WSL+22, WTT+21, WBD+22b, WFD23, ZZŠ+22, ZFP21, dAdSCA20, RWZ+24]. **modern** [Ano20-49, SACE+20]. **modes** [BDC+22]. **Modified** [TLC+22, VK24, BPB+20, CMG20, LWZL23, NS20, YXY+20]. **modulate** [TRMB20, VBH20]. **module** [TGB+23]. **modules** [SWW+23, ZMF+20]. **moist** [KWP+23]. **moisture** [AJJ24, HKH+23, VMG+24]. **moment** [BLP20]. **Mongolia** [NWO21]. **Mongolian** [ZYM+21]. **monitoring** [JZJ+20, LL22, LM23, LGK+23, PSZ20, REGI+24, WDW+22, WrJP+22, Yao21]. **Monod** [WGAH22]. **monodon** [BAAN24]. **monoxide** [KKPR20]. **monsoon** [NDNN22]. **montane** [ZLL+23]. **montdorensis** [TCG+20]. **Monte** [PM22, SDH21]. **Monte-Carlo** [PM22, SDH21]. **monthly** [WHL+23]. **moose** [EBS23, KAMS22]. **morhua** [JOE23]. **Moroccan** [RKN+21]. **Morocco** [JB22, ECC+22]. **morphology** [LYL+24a]. **morphotypes** [GSM+20]. **Morris** [PMZ+21, dGZHCA24]. **Mortality** [PSM22, BAAN24, CAK+23, CAK+24, CDC+22, GRGHM21, HHBF24, LPS+21, MCMP+24, MKR20, NTHC23, PCL24, SKPL24, LPS+21]. **mosquito** [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** [ACFM22, 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]. **Multi** [BCW+23, BMB24b, MTBB22, NMS24, TRMB20, Ano20-50, AHO+20, BOLC+22, BGCJ21, BM21, CWH+21, EL21, GLA+20, Gat21, HHBF24, HLM+20, HK23, IBB+21, IBB+22, JVGC21, KFM+23, MP23, MTZA23, MPCG21, MSS24, NWJ+22, NAM22, OMC+24, OSPZ22, Pal24, PBS21, RMA+24, SRÁMH+20, SWP+23, VRS20, VSS+22, WLY+23, WFW+24, XLM+23, USA21]. **multi-action** [SRÁMH+20]. **multi-agent** [WLY+23]. **multi-armed** [Gat21]. **multi-criteria** [KFM+23, MSS24]. **multi-decadal** [IBB+21, IBB+22]. **multi-dimensional** [Ano20-50]. **multi-domainal** [Ano20-50]. **multi-habitat** [BOLC+22]. **multi-host** [NWJ+22]. **multi-level** [VSS+22]. **multi-method** [Pal24]. **Multi-model** [MTBB22, SWP+23]. **Multi-objective** [BMB24b, NMS24, NAM22]. **multi-parcel** [OSPZ22]. **multi-population** [EL21]. **multi-region**

[XLM+23]. **Multi-scale** [TRMB20, CWH+21, HLM+20, PBS21]. **multi-scaled** [AHO+20]. **multi-scenario** [MP23, MTZA23, WFW+24]. **Multi-sectoral** [BCW+23]. **multi-sensor** [JVGC21]. **multi-species** [BGCJ21, BM21, MPCG21, VRS20]. **multi-state** [RMA+24]. **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, MFF+24, MM21, WGMR23]. **multiple-objective** [WGMR23]. **multipurpose** [CXZ+23]. **Multiscale** [NCG+24]. **multispecies** [For20, XYZR21]. **multistate** [SDP23]. **multitrait** [CP20]. **Multivariate** [ZFC+23]. **municipal** [CAS+24]. **mussel** [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, SOV21, BST+20, PK23, PWN+24, PPH+21]. **native** [DP20, Ino22, KWM+24, KKF+23, MRR+20, dOPdMdS+21, SWL+23, SC23, SZKLL24]. **Natural** [Ano20-51, SMD+20, AVP+23, 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, BWCD23, CXZ+23, DYMD22, HPMB20, RLS+24, WZLC24, HPMB20]. **nature-based** [WZLC24]. **Navigating** [RSS24]. **nearest** [PSZ20]. **nearest-neighbour** [PSZ20]. **nearshore** [PRM+24]. **necked** [KLPJ24]. **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]. **nest** [KBC24, VJK+23]. **nested** [WSL+22]. **nesting** [CRZ+23, GDC24, KBC24]. **net** [ASHK22, ACFM22, DP20, RFdL+24, SCF+24, SMD+20, Yu20, ZCJ+20, RSB+23]. **Netherlands** [HSP+22, PRdN+20]. **Network** [CRF24, HHB+24, JVGC21, LLZM20, Abe20, BLB+20, CB20, CDNN+20, DPA21, FDSM20, GCS+21, GZK+20, Jor22, LSL20, LMW+23a, LLW+21, 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, DPA21, EOÖ21, FdKO21, Gon23, GML+20, GCMU23, HMDO20, HNC+21, KMAA23, LBL22, PDW+24, SNM+23, SWW+23, WLWL23, WB24]. **Neural** [JVGC21, BLB+20, CCH20, MS20, PSG+22, SNM+23, SZ20]. **neutral** [EON23]. **newly** [BGA22]. **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, 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, 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** [JSD+22, RCCLMGV22, SHF24]. **nominal** [PPSS22]. **nomurai** [XFK21]. **non** [AVP+23, CWH+21, Fer23, HI22, HSL+22, KKF+23, 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]. **Nonlinear** [Vas20, ZXK+24, KWC24, MLMI23]. **nonparametric** [RFPRC23]. **nonstationary** [CKK+24b, HYY+24]. **Nordic** [SHF24]. **Norfolk** [ZOJ+23]. **norm** [MGWG22]. **NORNE** [HGBK23]. **North** [SGTS21, SGTS23, BBCD23, NT23, PMB+22, PTNR+20, TBZ+22, ZBH+22]. **North-Western** [BBCD23]. **northeast** [CBG+22, DCCL24, LWL24, XLS20, DTD+23, JOE23, MSG+21b]. **Northeastern** [HLH+21, WLT+23]. **northern** [BGCJ21, SLLW21, STW+23, ZBW+24, CFG+22, RSC+21, RSC+23]. **Northwest** [HCL+24]. **northwestern** [dTCGF+24]. **Norway** [HEL+21]. **note** [AAAR24]. **Novel** [LSG21, LGK+23, SSM24, BANG20, BMBB24, CAS+24, DDH+22, GXZ+24, ILLM20, II24, Jia21, Lef23, SBS+21, 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, IA23, AB21, CFL+22, 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, EVT+21, NYH20, PGSL+20]. **oasis** [CWY+24, CJM+23]. **Obama** [Fou21]. **OBEC** [RFHR23]. **objective** [BMB24b, 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]. **ODE** [RRSG21]. **ODE-based** [RRSG21]. **Odocoileus** [KS22]. **odontocetes** [RSC+23]. **off** [BAAN24, BBIP24, CSCT23, CP20, KiAM+20, NO24, Pér24]. **offers** [NCG+24]. **offs** [DSC+21, JHL23, PF23]. **offset** [BLB+24a]. **offsetting** [BSM23]. **offshore** [vOVvdW23]. **oil** [HMVR21]. **oiled** [WWA+22]. **Okhotsk** [PA20]. **old** [BWCD23, KCP+23, LDZ21, YA24]. **older** [JHKT+23]. **oleae** [PVS+21]. **olgensis** [XLS20]. **oligotrophic** [ZL24]. **Oliv** [ZWL+21]. **olive** [PVS+21]. **omnivorous** [JL23]. **Oncorhynchus** [BLLL21]. **One** [ACC+24, PAS+22, DBK20, TCB21]. **one-dimensional** [DBK20]. **only** [GWH20, JJN22, KRM+22, MBD+22]. **Ontario** [DMdR24]. **ontogenetic** [mSzZK+21]. **open** [LGA20, WLL+24]. **open-pit** [WLL+24]. **operating** [MM21]. **operational** [DLT+22, MVC+22, PM22]. **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, ŁJ21, RBMRR20, VBH20, YDLT24]. **Optimisation** [TLH+20, BMB24b]. **Optimising** [DDL+20, NND+22]. **Optimization** [MTP+20, MTZA23, WCSX22, ZZQ23, CWW+23, DGVVP23, FCP+20, HBC+22, HYY+24, LWZL23, NMS24, RK20, WGMR23, WDW+22, XHS+24]. **optimizing** [ESZ+23, NGE+21, RMCCB24]. **option** [KMH+21]. **options** [Haa24]. **orange** [HMLZ24]. **Orbicella** [LVM+22]. **orchard** [LBT+22]. **order** [CLHZ22]. **ordinal** [PPSS22]. **ordinary** [Wu24]. **organic** [AB21, CMSD+22, JLV+21, KBSS23, MAD+20, MLP+20, MPL+20, RFHR23]. **organisms** [FLG+23, Jia21, KKP+21]. **organization** [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, 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** [FTH24, YFW+21]. **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** [BSS+24, CC23, GSJC22, MMM+24, MS23, OSH+21, RPT21, SGPSzC22, Wu24]. **packages** [SCACB23]. **Paddlefish** [HWSD24]. **paddy** [GSR+23, HCX+21, 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]. **Pampas** [FGC24]. **Pan** [VRRI+24]. **Pan-Atlantic** [VRRI+24]. **panda** [DRZ+24, YDQ+23, HYY+24]. **pandemic** [EOÖ21]. **pandemics** [Laz23]. **Panopea** [LCMB21]. **panther** [CB20]. **paradigm** [AG22]. **paradox** [MYH+20]. **Parameter** [COPM23, CWW+23, EJ20, Haa24, Mat23, MTT22, TDI+20, TIKM24]. **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]. **parameters** [AS22, BGCJ21, CAK+23, CAK+24, HRW+24, HCX+21, JPL21, KAB23a, KD20, LAK20, LK24b, MDBvdBB24, MSLMM22, MLP+20, OMC+24, PDH+22, 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** [BBCD23]. **part** [SCF+24, MLP+20, MPL+20]. **parthenogenetic** [KFJS20]. **partial** [COPM23, FGM+24, VMM+21]. **partially** [SGV+24]. **particle** [LWE+22, RGB22, SJH+23, WSW23, WSZ+24]. **partitioning** [UGSG24, ZHWZ23]. **party** [PDW23]. **passage** [HWSD24, WbM+24].

passive [BVR+20, PDD+22]. **past** [BPL+20, CLW23]. **pastoral** [TBZ+22]. **Patagonia** [AM22, dTCGF+24]. **Patch** [CMRF+24, CDNN+20, FdKO21, LSL20]. **patches** [AKM22, BACS22, CAFT22, MS23]. **patchy** [FH24]. **pathogen** [AV22, MB22, MGC24, SWL+23]. **pathway** [vdHNH+20]. **pathways** [CDN+23, GM23, MBB20]. **pattern** [ABZ22, CLHZ22, CGV22, FdKO21, FMRMAS24, HYY+24, HLM+20, SLC+20, TPD+24, WZLC24, WWK+24, WLL+24, XMWL23, ZHJQ23, ZBW+24]. **pattern-formation** [FMRMAS24]. **pattern-oriented** [TPD+24, WWK+24]. **patterning** [LCP+20]. **patterns** [AAAR23, AAAR24, CLPZ20, CDB+20, FHP+22, GCSlR22, LDR+20, LZF21, PKO+21, RMV+24, WZHP21, WWC+22, ZPZ+22, ZZW+22, ZLZ+24]. **Paying** [VBB+24]. **payment** [BGA+23]. **PCA** [LNK+21]. **PCA-SEM-ANN** [LNK+21]. **peak** [WF24]. **Pearl** [CL21, SWP+23]. **peatland** [BST+20, RPB+23, RGD20]. **Peatlands** [BWT+24, BST+20, MLMI23]. **peculiarities** [SGRDA+24]. **pedestrianization** [ST24]. **pedology** [CM21]. **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]. **percolation** [HFP20, HFP22]. **percolation-based** [HFP22]. **perennial** [LGK+23]. **Performance** [KTB+21, LZL22, AHH22, ACM24, BSCH23, CMHZ23, CKC+24, ESZ+23, KMP+23, NLW+24, PTBFP+20, RM20, RRFLV+22, SC24a, SM22b, VMH+21, VRS20, XCZ+20]. **peri** [RBEC21, USA21]. **peri-urban** [RBEC21, USA21]. **period** [EOÖ21, LM23]. **Periodic** [Kiv24, KK20]. **Periodic-case** [Kiv24]. **Periphyton** [HKH+20]. **Periyar** [POWS24]. **permafrost** [LCW+21]. **pernicious** [CEB+24]. **persistence** [BACS22, FdKO21, LSA+21, LJP+22, dGMCM+23]. **Persistent** [CCJK+20, LKO20, MLP+20, MPL+20]. **perspective** [CBW22, CN20, Jor22, LSL21, MDB+24a, MJdORPG23, SE20a, SE20b, SAdA+22, TIKM24, WZLC24, WGFS24, ZZQ23]. **perturbations** [CTL22, WA20, dGZHCA24]. **pest** [BPW+21, BJKT21, JBF22, 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]. **Phasianus** [KLPJ24]. **pheasant** [KLPJ24]. **phenModel** [PGdAM+20]. **Phenological** [KFJS20, CdCAC+20, GMV24, HCX+21, PKKT+24, PCL24]. **phenology** [GXZ+24, LPHO+20, NYH20, OFH+20, PGdAM+20, REGI+24, VSS+22]. **phenology/voltinism** [PGdAM+20]. **phenomenological** [AZLPGE+24, HFP20]. **phenomenological-based** [AZLPGE+24]. **phenomenology** [HFP22]. **philippinarum** [CMGD+22]. **philopatry** [BR22]. **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]. **Phragmites** [YXY+20]. **PHREEQC** [MTT22]. **phthalic** [WLQ+23]. **phylogeny** [SPV+21]. **physical** [AZMD+22, FMH+20, GGE+23]. **physical-biogeochemical** [GGE+23]. **physics** [GRS+20]. **physiognomies** [DDDC21]. **physiological** [DPC20, LLC+24a, RHP+24, RRSG21, TSZ+24]. **physiology** [vdMYvdW24]. **Phytomass** [CSM23]. **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]. **pigmentation** [OSH+21]. **Pinctada** [SLYL+20]. **pine** [BdSG+23, BAZ22, 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** [EL21, GWD+23, MSML21, PCK+22, RUTY23]. **plankton-fish** [RUTY23]. **planktonic** [MPPM23, MBS22]. **Planning** [MTP+20, CL21, DLT+22, MTZA23, NMV+23, RBLS23, SRÁMH+20, SACE+20, ZWZ+24]. **Plant** [LM21, RMK21, TK20a, WXT+20, dGMCM+23, AADHA+23, CGB+23, CWF+21, CSM23, CEB+24, DAG+21, ERP21, HLW+20, HHT21, Hop23, JBF22, KKP+21, KJH24, LSA+21, MMM+24, MGHT20, MGC24, MPCG21, MPA+24, PSG+22, PAPŁ+23, PMP+21, QZSV21, RRP+23, SVK20, 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, DCCL24, 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]. **plastics** [NO23]. **Plateau** [APGD+21, SZL+21, TGL+22, YLLL23, WCG+24, YJC+24, ALS+21, HCL+24, LWL24, WXT+20, ZPZ+22, 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** [WSM24]. **Poland** [ZA20]. **polar** [CLW23]. **polder** [YG21]. **poleward** [LK20]. **policies** [CL21, DWG22, Fer23, ZWZ+24]. **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, KHS+23, ZZZD22]. **polyactis** [RJY+20]. **polychaete** [GLA+20]. **polycyclic** [ZYZ22]. **Polynesia** [RMV+24]. **Pommerening** [Mea20]. **pond** [YFW+21]. **ponds** [BSPT23a, BSPT23b, BGR20, 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, APGD+21, BOLC+22, BMM22, CMGD+22, CCJK+20, CLH23, CP20, CAB+21, Dav22, DKM+21, DRZ+24, EL21, EVHS21, FCFCM24, Fer23, FC21, GCB+22, 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, REGI+24, RMA+24, SE21, SE22, STW+23, SDP23, SLC+20, SBR20, TK20a, TRMB20, Uch23, VSK+20, WZWF20, WGAH22, WLZ+23a, WLSJ24, WFD23, Yao21, dGMCM+23]. **populations** [APF21, BGS+20, BMB24b, CRZ+23, COPM23, CMRF+24, FSZ+20, FZS+20, GSJ+20, KS22, KK20, KHH+22, KHH+24, KLPJ24, LSA+21, LBI+20, LGA+21, MGC24, OSH+21, PEFW20, RM20, RCSS20, SDD+20, SRM+24, SLB+23, SMS+24, 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, vdMvDSL20, GGMR20]. **post-ENSO** [GGMR20]. **post-exposure** [DWH+21]. **post-fire** [OHP+23]. **post-natal** [vdMvDSL20]. **postfire** [LM23]. **potato** [DTR+22, DGVVP23, HEL+21, KBSS23, TBZ+22, OHH+21]. **Potential** [DTR+22, HCW+22, KJH24, LhNA+21, MRR+20, AFdSM23, BGC+23, BS20, BWCD23, CNSK21, CAS+24, CN20, DCT+21, DTD+23, DL21, FM24, GLA+20, LUV+23, LLC+24a, LDXJ22, MEGA21, MTBB22, MGC24, MLV24, NA22, PK23, PMMTF+24, PDGB21, 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** [BAR24, BCMV20, LS24, MWB+24, 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, vWVH20]. **predator** [dSCdA21, HLGF24, KKH+24, MAN+20, MF20, MMMS23, PHK23, SGP+20,

SQDM21, TCG+20, dAdSCA20]. **predator-prey** [MMMS23]. **predators** [BSE21, MCMP+24, PBH22]. **predatory** [TCG+20]. **predict** [AE22, ACM24, BdCCdSAdS23, CdCAC+20, CYP+20, Cor20, DVVH21, FEPR24, GCB+22, JPL21, Jia21, KBC24, KLNMG22, MAGR+22, RFCEL22]. **Predictability** [BH20]. **predictable** [DEMJ24]. **predicted** [FS22]. **Predicting** [AADHA+23, DMPP24, FGC24, FHP+22, HKB+20, HSJ+20, HMDO20, LLC+24a, LVM+22, dSMPA+22, NA22, REGI+24, SDD+20, SCF+24, SMM+22, VVH+20, WJ24, WSN+21, vdMvDSL20, FG21, KTB+21, LWE+22, MKS21, STQ+22, Ste20, SPV+21, VJK+23, ZLL+23]. **prediction** [CMSD+22, GWH20, Haa24, LJP+22, LLLZ21, LDX+23, LNK+21, dRMJdS23, SZ20, SWP+23, WrJP+22, XZZ+22]. **predictions** [ABC+22, EVHS21, FH24, For20, HKY24, HRW+24, JJN22, LBL+24, vSS24]. **predictive** [CKC+24, 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, 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]. **prevent** [GRCSA+20]. **prevention** [BJKT21, GZK+20]. **prey** [BSE21, CLH23, dSCdA21, HLGF24, MAN+20, MF20, MMMS23, NPK+23, PHK23, SGP+20, SQDM21, SWL+23, TCG+20, dKS22, dAdSCA20]. **prey-predator** [SGP+20]. **price** [CLY+23, FGC24, UGSG24]. **primary** [DP20, GAC+21, GLK+22, GZD+23, HMC20, HCX+21, KUK+21, KWP+23, MS20, MBFS21, RFdL+24, SDP21, TSUY23, Yu20, ZCJ+20, ZZLF24]. **principle** [HCL+22]. **principles** [BPN+20]. **prior** [BWS+20, TTPA21, VRS20]. **priori** [HLGF24]. **prioritization** [HPMB20]. **prioritize** [CEB+24]. **prioritizing** [MS23, RBLS23]. **Priority** [PAS+22]. **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, BdSG+23, CAK+24, DVPPMV+24, 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, TQM+24, TSUY23, TPD+24, VSS+22, WGK+21, ZPZ+22]. **process-based** [BdSG+23, CAK+24, HEL+21, HGBK23, HBRK24, HCPG20, KTB+21, LCW+21, MPCG21, NWO21, NO23, OKS+21, TSUY23, VSS+22, ZPZ+22]. **process-explicit** [TPD+24]. **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, CMKF22, CDN+23, CMHZ23, DTR+22, DP20, ESCA22, EGAS23, GSR+23, GLK+22, HMC20, HMLZ24, HCX+21, KUK+21, LYM+23, MTS+20, MS20, MBFS21, MEGA21, MGdM+20, NGA+24, NBMD21, OZSU22, PAdS+24, RMCCB24, SLY+21, SMD+20, SDP21, TBP+23, TSUY23, 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, KDH+21, KWP+23, MPA+24, NYH20, QS23, WHW+23, RFdL+24, SE20a, SE20b, SHT21, TSUY23, WLT+23, YSIB24, Yu20, ZCJ+20, ZZLF24]. **Productivity-environment** [SGRDA+24]. **products** [ACZ+21, MLV24, TIKM24]. **profiles** [EMH+22]. **profiling** [MGK+23]. **ProForM** [SFGB23]. **program** [HSD+21]. **Programming** [BM21, NMV+23, NAM22, SRÁMH+20]. **programs** [JZJ+20]. **progress** [RTB+24, WZZF23, ZZWF21]. **project** [DBV+22, XZZ+22]. **Projected** [ZFT20]. **Projecting** [SLLW21, YPS+21, APF21, MKB+24]. **projection** [CP20, KK20, PSBE23, PFK+22, TK20a, ZLLZ24, ZXK+24]. **Projections** [KNP+21, ACC+24, TTPA21]. **projects** [DYW+22]. **prolifera** [SRB+20]. **promote** [LGG+22]. **promotes** [AM21, 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, PWN+24, SvV21]. **protection** [HWS+23, SFGB23, ZYK22]. **protocol** [Gri20, PAB+22]. **protocols** [MWB+24]. **protozoa** [JZS+21]. **protracted** [LSK24]. **provide** [HBMR24, Woo24]. **provides** [MAW+24a, MAW+24b]. **providing** [Mau24]. **Province** [AAM+22, KHS+23, LZSQ20, MDB+20, ENARM+23, 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]. **public** [CVTS20a, CVTS20b]. **Publishing** [Mea20, Pas21]. **pullout** [JZHT23]. **pulses** [MB22]. **Puma** [CB20]. **PVA** [LBGD21]. **pyNET** [WB24]. **Python** [LQH24]. **Python-based** [LQH24].

Q [MBMV20]. **Qazvin** [DYMD22]. **Qinghai** [ALS+21, LWL24, Yu20, YJC+24, ZPZ+22]. **Qinling** [WYBX23]. **Qinzhou** [HLS+23]. **QtAC** [SGPSzC22]. **qualitative**

[FDSM20, HKB+20, RBEC21, ZBW+24]. **qualitatively** [CLPZ20]. **quality** [BZZT22, BM22b, BLLL21, BAM23, CC23, nCLpW+23, ELS23, EMH+22, GNH+24, HCP+20, KLNMG22, LZF+24, MSL+21, MPA+24, 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, PAS23, PRdN+20, SRB+20]. **Quantitative** [Ino22, vdHNH+20, CAH22, For20, HLGF24, PSW22]. **quantitatively** [CLPZ20]. **quantities** [LCMB21]. **quantization** [MBS22]. **Quanzhou** [LZL23]. **Quebec** [MTBB22, RPB+23]. **Quercus** [EVT+21, NYH20]. **questing** [GMV24]. **questions** [JTH24]. **quick** [Tur20]. **quick-start** [Tur20]. **quo** [MWB+24]. **QWASI** [WLQ+23].

R [BSS+24, CC23, GSJC22, MMM+24, MS23, OSH+21, SGPSzC22, SCACB23, Wu24]. **R-package** [SGPSzC22]. **Rabies** [TLL+23]. **radiation** [DWH+21, VSK+20, YXH20, ZL24]. **rafts** [HLS+23]. **raid** [POWS24]. **rainfall** [dSBDH23, FS22]. **rainfed** [TKO+22]. **rainforest** [AHO+20]. **ramp** [NPS+23]. **Random** [KAB23a, PDD+22, SOV21, ABB23, AP22, BMB24a, DMG22, DMM+23, MLL20, CKC+24]. **randomly** [TK20a]. **range** [FMRMAS24, KKW+21, LK20, RBLS23, VBB+24]. **range-wide** [RBLS23]. **rangeland** [CPAT20, FS22, RS23]. **rangelands** [AJG22a, AJG22b]. **ranging** [DGSM21, TBM+24]. **ranked** [PPSS22]. **ranking** [EJ20, ILLM20, PMZ+21]. **Raoiella** [AFdSM23]. **raphidophytes** [SIOM24]. **rapid** [YZZF22, ZGG22]. **raptor** [NCG+24, STQ+22]. **rare** [DTD+23, TTPA21]. **rate** [CYP+20, Cor20, DGVVP23, DP20, JLLS23, KN20, LK24a, PTF23, SE20a, SE20b, XJW21]. **rates** [APF21, CDT+23, HFP22, II24, JST+22, KABL21, RWF22]. **ratio** [LLC24b, MGWG22, WZWF20, ZFC+23]. **ration** [DMPLHGL20]. **rational** [GSC+23]. **ratios** [CDJ+22]. **ray** [ZL24]. **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, LJP+22, MDB24b, PAS+22, RGB22, SJA+22]. **Real-time** [VMG+24, LJP+22]. **real-world** [MDB24b]. **realism** [KHH+22, KHH+24]. **realistic** [PCK+22]. **Realities** [Por21]. **really** [KHR23]. **reanalysis** [CBG+22]. **recapture** [DMM+23]. **recharged** [WLQ+23]. **Rechna** [AIA+23]. **reclaimed** [WLQ+23]. **recommendations** [BM22b, EMH+22, HSD+21]. **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]. **recruitment** [AJ22, PYD+21a, PYD+21b]. **recycling** [AWW24]. **Red**

[MSG21a, VSK+20, BG22, MVC+22]. **reduce** [CAB+21, CDC+22, GNH+24, Koo24a]. **reduced** [BSS+24, VRW+21]. **reduced-impact** [BSS+24]. **Reducing** [TBZ+22, DGVVP23]. **reduction** [Che21, CAK+23, HWS+23, MKR20, Pre22]. **reed** [YXY+20]. **reef** [GGMR20, SBWB24, XHZH24, YEL+21, ABR24]. **reefs** [CN20, DLY+22, MAB23]. **reference** [CSM23]. **refining** [CB20]. **reflect** [TLC+22]. **Reflections** [WG21]. **reforestation** [SAL+22]. **Reformulation** [RCSS20]. **regarding** [RFHR23, VRS20]. **regeneration** [BLB+24a, HBRK24, QZSV21]. **regime** [GWD+23, LDXJ22, MDB24b, WCG+24]. **regimes** [AADHA+23, AACCIS20, LM21]. **region** [AZMD+22, BS20, EGAS23, FGC24, LZF+24, LZF21, LW23, MEGA21, dRMJdS23, NO24, PZH+21, SD24, SM22b, TLH+20, WFW+24, XLM+23, Yu20, ZLLZ24, COS23, SLLW21]. **regional** [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, LZF+24, LMW+23a, MPSS24, NWO21, WFW+24]. **regression** [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]. **relascope** [PSW22]. **related** [Kos22, LE23, LJvdM24, MKB+24, TKO+22, WTT+21, YSIB24, ZZŠ+22]. **relation** [LJvdM24]. **relationship** [CLPZ20, CLY+23, LZL23, LK24b, MZLRSZ21, WLWL23, dMT23]. **relationships** [CKK+24a, CKK+24b, Vas20, WLL+24]. **Relative** [EL21, 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]. **renewable** [HWS+23]. **renewal** [LDZ21]. **reoligotrophication** [KUK+21]. **repeat** [KKW+21]. **replace** [AAM+22]. **replacement** [SIOM24]. **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]. **require** [BM22a, Pér24]. **required** [Woo24]. **requirements** [KKM+24]. **requires** [PCK+22, YL22]. **Research** [LYL+24a, WZZF23, ZZWF21, BZZT22, DK22, Fat21, LWZL23, MMM+24, MS23, SGB+24a, WWK+24, ZJEG24]. **reserve** [CTL22, GMS+23, WST+23]. **reserves** [DS23]. **Reservoir** [XWX+24, 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, JST+22, JRD+22, Mur24, RS23, RLM23, RGRMRR20, SLC+23, SKPL24, SBM+22]. **resistance** [BSU+23, Hop23, LB24, LSH24, 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, BAAN24, CBSB23, GLH24, HLW+20, KN20, Lia23, PF23, RK20, RLS+24, TPD+24, TK20b, WGAH22]. **Resource-based** [AWW24, WGAH22]. **Resources** [Ano20-51, BNAR+21, CSM23, CDNN+20, RK20, WOOS24, XHZH24, ZA20]. **Respiration** [RSB+23, AG22, TDI+20]. **respond** [RLdM20]. **responding** [LCP+20]. **Response** [BPL+20, NBU+23, Por21, RFHR24, YCK20, BS21, BA20, BMBB24, BMG24, FTH24, GSJ+22, GGE+23, HSL+22, JOE23, LAK+23, LE23, OHR+23, PR22, RGB22, SQDM21, TRMB20, ZFT20, ZZŠ+22, dAdSCA20]. **Responses** [RHP+24, Che22, FWK+20, KWC24, LJP+22, OEC24, SNN24, SRK+20, WZLC24, WSN+21]. **resprout** [ABRG21]. **restoration** [HYY+24, LLC+24a, LVM+22, 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]. **retrospective** [LM23]. **reveal** [CTL22, PR21, RSC+24]. **Revealed** [BBCD23, EL21, TSUY23]. **reveals** [CP20, SPV+20, SBR20, TLL+23, WGMR23]. **reverse** [CLHZ22]. **Review** [FLG+23, WYJ+22, ABM20, BZZT22, DRZ+24, KAB23a, Laz23, MMRBLN20, OKS+21, dSRDC+23, SDH21, TGL+22, WGAH22]. **reviews** [Fat21]. **revised** [PTG+20]. **Revisiting** [Jag20, MPL+20, RRFLV+22]. **Revolutionising** [ABKA24]. **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** [MAGR+22, VPV21, YB22]. **ricinus** [WBD+22b]. **RIDL** [NS20]. **ridley** [SPB+24]. **Riera** [NBU+23]. **right** [WHdBB21]. **rights** [nCLpW+23]. **Rim** [YD20]. **ring** [KLPJ24]. **ring-necked** [KLPJ24]. **ringed** [KLR+24]. **rise** [PR22]. **risk** [AAAR23, AAAR24, BRSW24, CB20, CDC+22, For24, FLG+23, GZK+20, HP20, HEL+21, JOE23, LBI+20, LYZ+24, LDS+23, LLW+21, MDBvdBB24, Oku21, PKKT+24, TLL+23, TCB21, WLQ+23]. **River** [BSB+24, CWY+24, CL21, DZC+23a, DZC+23b, JASW23, MP23, SWP+23, TGRM23, WLZ+23a, ZGMFESD23, BS21, CFL+22, KWM+24, KSJ22, LDC+20, RBLS23, SRTS20, SD24, XHS+24, Yao21, BH21, nCLpW+23, GJC+20, JHL23, MBB20, TLH+20, XZZ+22, XMWL23]. **riverine** [CSBS21, JASW23, LBI+20, MBG+22, OLM+24]. **rivers** [KWM+24, LWE+22, LEC+23, SJH+23]. **rivulatus** [SZKLL24]. **Road**

[LMW+23a]. **roadmap** [RFHR24]. **roads** [WJ24]. **robur** [EVT+21]. **Robust** [DTD+23]. **robusta** [KTB+21]. **Robustness** [LSL20, LBL22, MP23]. **rocky** [SBS+20, CWH+21]. **rocky-shore** [SBS+20]. **rodent** [KWC24]. **rodents** [Fer23]. **role** [BDC+22, DvDA24, FSY22, JSL+20, LTR+24, MSG21a, PSM+21, SRTS20, TA20]. **roles** [EL21, RSC+21]. **Romagna** [MEGA21]. **roof** [KBC24]. **roofs** [MKR20]. **rookeries** [LHH+24]. **root** [AG22, HFP20, HFP22, JZHT23, JMC+22, LYL+24a, PMP+21, SZL+21, WB24, YLS+21]. **root-grafted** [WB24]. **root-soil** [HFP20, HFP22]. **roots** [YSIB24]. **rotation** [GAMN+23, XLS20]. **Rothamsted** [JLV+21]. **roughness** [HLS+23]. **route** [KTB+23]. **routes** [NPS+23, PTD+23, SGV+24]. **Rpath** [LGA20, WA20]. **RS** [SD24]. **rubens** [BG22]. **Ruditapes** [CMGD+22, LJvdM24]. **rule** [KLL+24, RLH24]. **rule-based** [KLL+24]. **ruminant** [MDB+20]. **run** [BLLL21]. **runoff** [BSB+24, NA22]. **rural** [CNSK21, HCPG20, JLLS23, MFPIBGES23, YZZF22]. **Russia** [SCF+24]. **rust** [CGB+23]. **Rwanda** [GVG+23].

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]. **Salicornia** [PAPŁ+23]. **salinity** [LYC+21, TSBE23, YSFX23, ZRMW+20]. **Salish** [KNP+21]. **salmon** [BLLL21, HP20, MBB20, WDW+22]. **Salmonellosis** [TIKM24]. **salmonid** [MM21]. **salmonids** [MM21, SJH+23]. **salpa** [SZKLL24]. **salt** [ZZG+24]. **sample** [GWH20, MDT+23]. **sampled** [MGK+23]. **samples** [BBIP24, JM22, RGD+22]. **Sampling** [PSW22, AFG24, CWH+21, MDT+23, RSC+24, RAC+24, VPV21]. **sanctioning** [LL22]. **sand** [SWF21]. **sandstone** [ZLZ+24]. **Sanggou** [FMH+20]. **sapidus** [CMFC23]. **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]. **saturation** [dSCdA21]. **saury** [KiAM+20]. **savanna** [ABRG21, DDG+21, DDDC21, MMdP+21, dRMJdS23, YCK20]. **savannahs** [MTW+22]. **savannas** [SKPL24, WMA21]. **saved** [SCH+21]. **Scale** [BHC22, YB22, AJ22, 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, JSD+22, KTB+23, KKF+23, Kos22, KTB+21, MAGR+22, MBG+22, PWN+24, PDGB21, PBS21, PMP+21, PCK+22, STQ+22, SdlP20, SLY+21, SKW23, TLL+23, TRMB20, VPV21]. **Scale-dependent** [BHC22, YB22, PWN+24]. **scaled** [AHO+20]. **scales** [ATP20, BAR20, DKM+21, KMH+21, MKS21, MM21, OZSU22, PTRP23, RLM23]. **scaling** [SdlP20, XJW21]. **scarce** [GSRB22, MJ24]. **scarcity** [DYMD22, RSASP22]. **scavenger** [KHR23, PR23]. **Scavengers** [PR21]. **scenario** [DSC+21, MP23, MTZA23, WFW+24]. **scenario-based** [DSC+21].

scenarios
[ACD+24, BOLC+22, 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**
[DK22, EMH+22, JMM+20, KRM+22, LJRM+20, VMH+21, ZJEG24]. **scope**
[OHP+23, YYS+22]. **Scotland** [CKK+24a]. **Scots** [ML20, SGRDA+24].
Scottish [CKC+24, CKK+24c]. **screening** [PMZ+21, dGZHCA24]. **scrofa**
[KT22]. **SDM** [LJRM+20, MGK+23]. **SDMs** [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, WBW+20, WBD+22a, BNN20, EWE20, GSJ+20, KNP+21,
NHGP23, OCT+23, PA20, PTNR+20, SGTS21, SGTS23, SRK+20, SZKLL24].
seabass [DHW+20]. **seabird** [ARSC22]. **seabream** [DTD+23]. **seagrass**
[LTR+24, MAW+24a, MAW+24b, PR22]. **seagrasses** [VN23]. **seal**
[KLR+24]. **Seamlessly** [LZW20]. **Searching** [BWSS21, CBSB23]. **Seas**
[SHF24]. **SEAS5** [NLMM23]. **Seaside** [HBP+21]. **season**
[DZC+23a, DZC+23b, HGBK23, LZD+24]. **Seasonal**
[NLMM23, ZWZ+20, BMB21, DMdR24, HMVR21, HKSM23, KABL21,
MAW+24a, MAW+24b, SSM24, SIOM24, STW+23, WHL+23, XYZR21, ZS20].
Seasonality [MPPM23, NWJ+22, MMC+21]. **seasons** [CRZ+23, GDC24].
seaweed [FMH+20, LUV+23, WT20, vOVvdW23]. **seaweeds** [vOVvdW23].
secondary [CGV22]. **section** [LDC+20, 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]. **SEEMS**
[CXZ+23]. **segregation** [Kos22]. **Segura** [ZGMFESD23]. **SEIB** [VK24].
SEIB-DGVM [VK24]. **SEIR** [BGC+23]. **SEIR-Metapopulation**
[BGC+23]. **select** [VPV21]. **Selecting** [BMM22]. **Selection**
[BS20, DVPPMV+24, KBC24, ŁJ21, OEC24, PWN+24, SC24a, SM20,
SBMG24, WWF+23, WT20, dVDC20, vSS24]. **Selective**
[ZGG22, BSS+24, BACS22, BdBG+21a, BdBG+21b, NK23]. **Self**
[LHL22, AVP+23, 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]. **SEM** [BPF24, LNK+21].
semantic [PTRP23]. **semelparous** [TK20a]. **Semi** [AZMD+22, BGA22,
FS22, KWP+23, LHJ+24, MPSS24, NWO21, PAdS+24, WFW+24].
semi-arid [FS22, LHJ+24, 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, Haa24, HRW+24, HEL+21, 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, RWZ+24]. **service** [CVTS20a, CVTS20b, GZW+20, JSL+20, MEGA21, MTZA23, PTRP23, PDGB21]. **services** [ABM20, BGA+23, BDA+20, CAFT22, CL21, CLY+23, GMS+23, GSA24, JHL23, LL21, LZL23, LPD+20, NMS24, PDW+24, PGP+22, PRdN+20, SJA+22, WFW+24, XCH+21, YPS+21, ZHC23]. **services-based** [PDW+24]. **sessile** [NYH20]. **set** [LBT+22, MDB24b]. **sets** [BS20]. **settlement** [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** [LYL+24a, WPL+23, WCG+24, YXY+20]. **Shandong** [LGL+24]. **shape** [CIL+20]. **shape-constrained** [CIL+20]. **shaped** [LPL22a, dKS22]. **shared** [SWL+23]. **sharing** [ZL24]. **shark** [KCHZ21]. **shawi** [ZMG+21]. **sheep** [DGSM21]. **shelf** [SPB+24, PTG+20]. **shell** [LJvdM24]. **shelled** [EV22]. **shellfish** [GMM20, LUV+23, 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** [dMFOM+20, LGL+24, RWF22]. **shrub** [ALS+21, dTCGF+24]. **shrub-meadow** [ALS+21]. **Siberia** [GHK23]. **Sichuan** [HCL+24]. **sickness** [Gat20]. **SIF** [YYS+22]. **Siganus** [SZKLL24]. **sightings** [WWP20]. **sigmoidal** [PCN+23]. **sign** [WSFZ21]. **signal** [GSH+22]. **significantly** [CAFT22]. **silico** [PNGESS21, dFT+20, FCFCM24, PSM+21]. **silver** [SKW23]. **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, MPCG21, PPH+21, RMD+24a, RMD+24b, TGB+23, TPD+24]. **Simulated** [HHZB24, SMV+20, AP22, KKH+24, LVM+22, LCW+21, WHL+23, WSHZ24, YYS+22]. **Simulating** [ADR21, BGC+24, CGRR+24, CWW+23, EVT+21, FTH24, HWSD24, KDH+21, KS22, LMW+23b, PBS21, SSJC23,

SJH+23, WGK+21, WCG+24, YLS+21, AMK21, ACD+24, CXZ+23, EON23, 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, FZS+20, GDF22, JHKT+23, LKP+20, LP22, LZF+24, LDX+23, LWL24, MP23, MTZA23, MTT22, NGA+20, OHH+21, OHP+23, SFGB23, SG20, TBCV22, 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, 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]. **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, 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]. **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]. **smolts** [WDW+22]. **snail** [YKZ+23]. **Snow** [BSB+24, PWN+24, OCT+23]. **Sobol** [LAC+24]. **Sociability** [BSR21]. **Social** [MFPIBGES23, ASKR24, AAC20, BGS+20, BAM23, GCS+21, KS22, LCM24, PAS23, PHL20, RSS24, RTH+21, WAHA+24]. **Social-ecological** [MFPIBGES23, BAM23, PHL20, RSS24]. **Socio** [CXZ+23, DS21, LPD+20, OBFH22, BAR24, GM23, KLH+24, LCM24, PG23, RBEC21, WG21, WW24, ZJEG24, ZGMFESD23]. **Socio-Ecological** [DS21, LPD+20, OBFH22, KLH+24, LCM24, RBEC21, WG21, WW24, ZGMFESD23]. **Socio-econ-ecosystem** [CXZ+23]. **socio-ecosystem** [BAR24]. **socio-environmental** [PG23, WG21, ZJEG24]. **socio-MFA** [GM23]. **soda** [PAPŁ+23]. **sodicity** [TSBE23]. **soft** [vdHNH+20]. **soft-bottom** [vdHNH+20]. **software** [LS24]. **Soil** [TK20b, AMK21, AB21, AKY+22, BMAME+23, BMS+20, CM21, DCT+21, DPA21, ETAAH21, HKH+23, HGBK23, HFP20, HFP22, JMPB24, KKP+21, LLLZ21, LCW+21, LSS+21, LLW+21, LMW+23b, MSG+21b, MTT22, 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 [YYS+22]. **solar-induced** [YYS+22]. **sole** [MLP+20, MPL+20]. **Solea** [MLP+20, MPL+20]. **solid** [CAS+24, IA23]. **solution** [CEB+24, JVGC21, JASW23, Mas23, NND+22, SACE+20]. **solutions** [MTT22, WZLC24]. **solving** [MYH+20]. **somatic** [KABL21]. **some** [MAW+24a, MAW+24b]. **sophisticated** [KHH+22, KHH+24]. **source** [CMRF+24, ELS23, GJC+20, LGA20, 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, SGTS21, SGTS23]. **Southwest** [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, MM21, VMG+24, ZS20]. **spaces** [GZW+20]. **Spain** [ZGMFESD23]. **Sparrow** [HBP+21]. **sparse** [AMK21]. **Spatial** [BLP20, CCH20, LGG+22, LW23, RS23, RMD+24a, RMD+24b, Sak23, SACE+20, WHdBB21, WZHP21, AAAR23, AAAR24, ATP20, ACD+24, BRC+21, BRSW24, BBIP24, BSM23, CLY+23, CJM+23, CSM23, CMRF+24, CLG20, DIS23, DMM+23, EON23, ESZ+23, FTH24, GSA24, GWH20, GZK+20, HSL+22, KBC24, LGFT+20, LDR+20, LZL23, LQH24, MKR20, MLJ+23, MSLM+24, MMRBLN20, NHGP23, NL20, OCT+23, PEFW20, PSZ20, RMS24, RAB21, RRFLV+22, RWS+21, SRTS20, SC24b, TWL+22, ZZQ23, dMT23, dGMCM+23, dAdSCA20]. **spatial-explicit** [LQH24]. **Spatial-moment** [BLP20]. **spatial-temporal** [EON23]. **Spatially** [ABZ22, GCB+22, SOV21, AE22, BSU+23, BSR21, BR22, 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, WBW+20, WBD+22a]. **Spatially-explicit** [GCB+22, DDG+21, KWG+23, MAW+24a, MAW+24b, WBD+22a]. **spatio** [GSJ+20, LRA+20, NWO21, NO23, ZHWZ23]. **spatio-temporal** [GSJ+20, LRA+20, NWO21, NO23, ZHWZ23]. **Spatiotemporal** [CL21, LYL+24b, ZSS21, DNM+24, DMGP20, SBS+21, WWC+22, YD20, ZPZ+22]. **spawning** [DSHB23, LWE+22, LSK24, WLZ+23a]. **special** [CSM23, LSG21, Men22]. **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, DTD+23, EVT+21, FSY22, For20, FG21, GGS+22, GWH20, HHZB24, HLZ+22, HBRK24, HFSL+24, HLH+21, HNC+21, Ino22, JLH+21, JL23, JMM+20, JHKT+23, KWC24, KABL21, KLL+24, LJvdM24, LYZ+24, LDXJ22, MSG23, MGK+23, MRR+20, MAGR+22, MMRBLN20, MVAD20, MPCG21, MBD+22, NL20, NTHC23, NMGFOB21, OMP+23, OW20, Pre22, RSWS23, RCCLMGV22, RBGB23, RSC+24, RPT21, RAB21,

SVK20, SvV21, SACEU+21, SKW23, SWL+23, SGB+24b, SC23, SZKLL24, SBMG24, TK20a, TBP+23, TRMB20, TCB21, VMH+21, VPV21, VRS20, WZHP21, WSM24, WT20, WTT+21, XCH+21, YXH20]. **species** [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]. **spillover** [MB22]. **spinipes** [KD20]. **Spodoptera** [BSU+23, dAWG23]. **spot** [MZLRSZ21]. **spotted** [LSH24]. **spp** [DCCL24, GGS+22]. **Spread** [BAPW20, AVP+23, BGC+23, CAH22, EVHS21, JB22, LDXJ22, MSLM+24, SRM+24, WHE+24a, WHE+24b]. **spreading** [ABZ22]. **spring** [Che21, LLZM20, Tsy22]. **spring-fed** [Che21]. **Springer** [Mea20]. **Spruce** [PKKT+24, BG22, SCG+23, STRC24, cNKF24]. **squid** [DvDA24]. **squirrels** [CAB+21]. **St** [MSL+21]. **St.** [KWM+24]. **Stability** [NDNN22, BACS22, CP22, ETAAH21, GWH20, LYL+24a, RLM23, SE21, SZL+21, WLWL23]. **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, MFF+24]. **stakeholder** [DDL+20, NBMD21]. **stamp** [AXMJ22]. **stand** [BLL+23, BLB+20]. **Standard** [Mat23, JGG23, Koo20b, PAB+22]. **standardization** [For24]. **standards** [Haa24]. **stands** [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]. **stationarity** [HSL+22, PWN+24, RSC+24]. **stationary** [RWZ+24]. **statistical** [CSBS21, DVPPMV+24, Mau24, RSWS23, VPV21]. **statistics** [CDNN+20]. **status** [AFG24, BS21, 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]. **stinger** [EWE20]. **stink** [KGBL24]. **Stochastic** [STQ+22, SdlP20, 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** [Mas23]. **storage** [PZH+21, RFF+23, TLC+22, WYBX23, XLS20]. **storms** [SMS+24]. **stormwater** [NBML21]. **story** [PSW22]. **Strait** [MPPM23]. **strategic** [GHbS21, RFHR24]. **strategies** [ACC+24, BSU+23, BSE21, CTL22, CC20, DDL+20, HCPG20, LBPL20, MPA+24, MD23, NFLvdM24, Pal24, PSM+21, RSC+24, SBMG24, TLL+23,

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** [GSJ+22, GRAA22, KFM+23, LCP+20, LBI+20, RFdL+24, RGB22, VVH+20]. **stressed** [MBG+22]. **Stressor** [SGCFB22]. **stressors** [MAB23]. **strong** [ACD+24, RBGB23]. **structural** [BPF24, DAQ20, KBC24, MFZ23, SBS+20, SBS+21, YZZF22, YEL+21, dFT+20]. **Structure** [LB21, AE22, AM22, AHO+20, BMM22, BSR21, CSB22, DvDA24, 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, VSB22, WSFZ21, XFK21, YA24]. **structure-preserving** [AM22]. **structured** [FGM+24, KK20, MBS22, PSM22, QZSV21, WZWF20, WFD23, XYZR21]. **structures** [KSJ22]. **studies** [CdCAC+20, ŁKPK22]. **Study** [DBK20, PSG21, SZ20, YJC+24, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BAR24, BG22, BARF20, Che21, CPTD22, ETAAH21, ENARM+23, GAC+21, Gon23, GSJ+20, HHT21, HCL+22, JLLS23, LPSF24, LP22, LZSQ20, LDZ21, LZF+24, LZL23, LDX+23, LPA+21, LCMB21, MMS+24, MSML24, MS20, MTT22, MVC+22, OHH+21, OBFH22, OCT+23, PHK23, PAPŁ+23, PMP+21, 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]. **subcatchment** [SRTS20]. **subject** [AWW24]. **submarine** [Che21]. **submerged** [NKT+20]. **submodules** [PTF23]. **Subnational** [HLM+20]. **subpinnata** [MTL+23]. **subsidence** [RGD20]. **subsidized** [STQ+22]. **substitutable** [RK20]. **substitution** [QS23]. **subtidal** [GSM+20]. **subtropical** [BGC+24, CLW+24, PZH+21, RGD20, SC21]. **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]. **Sugar** [VLGG+20, AAM+22]. **sugarcane** [BMRF21, MBR+23]. **suggestions** [LCLG20]. **suggests** [MJ24]. **Suitability** [YHC+21, BOLC+22, BHC22, BBSHC22, HK23, ILLM20, JLH+21, KKF+23, KLL+24, LZD+24, NCG+24, 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** [LZW20, BRC+21, EMH+22, For24, Gri20, MVC+22, NGE+21, PGP+22, WBW+20, ZWZ+20]. **supporting** [GSC+23]. **supports** [RSWS23]. **suppression** [SWL+23]. **surface** [ABC+22, BZZT22, DCT+21, HSJ+20, LLC24b, LCLG20, LCW+21, PFM+21, SBM+22, 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, DYW+22, ESCA22, HL23, LL21, LGL+24, MDB+20, MSS24, NGA+24, PHL20, RGRMRR20, RBEC21, TWL+22, WAHA+24]. **Sustainable** [BSE21, LPA+21, ŁJ21, Ano20-49, AKM22, dSCdA21, EON23, GCMU23, HAZEF23, HWS+23, 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]. **swimming** [LHDBN20]. **swine** [MD23]. **swirskii** [TCG+20]. **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]. **synthesis** [TLC+22]. **System** [EL22, LB21, YDQ+23, ABKA24, AM21, BGA+23, CMGD+22, CBSB23, ENARM+23, GLA+20, GM23, HSP+22, HCL+22, HSD+21, HWS+23, HK23, JZHT23, JST+22, KMH+21, KKP+21, KCS22, KLH+24, KWG+22b, Kle23, LZW20, LYM+23, MPSS24, MDB+20, MF20, MMMS23, OLM+24, OSPZ22, PHK23, PAPŁ+23, SQDM21, SM22a, ST24, TSUY23, TK20b, ZLLZ24, CFG+22, DBDR22]. **Systematic** [DK22, ECC+22, dSRDC+23]. **Systems** [DS21, VLGG+20, ADR21, 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, MBMV20, NGA+24, NWJ+22, OBFH22, PHL20, PMP+21, RSS24, SC24a, SGPSzC22, SLY+21, SC24b, TQM+24, Tur20, WG21, WW24, Wu24, ZJEG24, ZZWF21, ZBH+22].

T. [EBMK20]. **tackle** [DSC+21]. **tadpoles** [CMS+21, PDG+20]. **tagging** [PDD+22]. **tags** [HBMR24]. **Taihang** [ZZLF24]. **tail** [ŁJ21]. **Tailed** [HCW+22, BGK+20, KS22, TBM+24, VRW+21]. **take** [DS23]. **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, GM23, HLB+20, SD24, SWP+23, USA21]. **technogenic** [PAPŁ+23]. **technologies** [COJ23]. **teleconnected** [LL21]. **telemetry** [BVR+20, LDC+20]. **temperate** [BGCJ21, BWT+24, CAK+23, KABL21, LBL+24, SGB+24b, TDI+20, VK24, VBB+24]. **Temperature** [MBMV20, AJJ24, CRZ+23, DMdR24, GSJ+22, HML+22, JPL21, KJH24, LSH24, MDBvdBB24, MGWG22, NGE+21, PGdAM+20, RLH24, SSM24, SBR20, SMS+24, TSZ+24, TA20, VJK+23, WBD+22b, YSFX23].

temperature- [SBR20]. **temperature-dependent** [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, LRA+20, LCP+20, LSL21, NWO21, NO23, NK23, PAS23, RAC+24, SBR20, WYBX23, ZHWZ23]. **temporally** [BR22]. **tempos** [Ano20-49]. **tendency** [LJP+22]. **tendency-prediction** [LJP+22]. **Tenuipalpidae** [AFdSM23]. **term** [ABH+20, BLB+20, DYMD22, EVHS21, JvVvHH24, JLV+21, JSD+22, PKO+21, RSASP22, SZ20, YSIB24]. **termite** [LPL22a]. **Tern** [ARSC22]. **terrestrial** [ASHK22, LC20, OTR+21, OKS+21, QS23, WHL+23, 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]. **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, LPL22b, LSG21, MTS+20, MBMV20, PSW22, RLH24, SGLK20, SNN24, SACE+20, XJW21, XHS+24, ZSS20]. **Thermal** [Che22, MGWG22, Che21, 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, LWE+22, LPHO+20, NSS+23, PCN+23, PCK+22, TWL+22, WA20, YLS+21, XWX+24]. **Three-dimensional** [NBML21, ABB23, 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** [ZPZ+22]. **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** [XLS20]. **time** [BAAN24, CMRF+24, DMG22, HMC20, Jia21, LCP+20, LJP+22, LHL22, MLV24, MM21, RWZ+24, RLM23, SE22, VMG+24]. **time-averaged** [HMC20]. **time-dynamic** [BAAN24]. **time-scales** [RLM23]. **timescale** [AAR23]. **timescales** [MSML21]. **Timing** [BVM+21, CGB+23, FS22, LAK+23, LBGD21]. **tipping** [MDB24b]. **Titicaca** [DVVH21]. **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]. **total** [PRM+24]. **tourism** [GCS+21, LL21]. **tower** [ASHK22]. **tox** [AVRC+20]. **toxic** [PAPŁ+23]. **toxicants** [MMS+24]. **toxicity** [BMS+20, CBSB23, MDBvdBB24]. **toxicodynamic** [JGG23]. **toxicokinetic** [JGG23, MLP+20]. **toxicokinetic-toxicodynamic** [JGG23]. **toxin** [CMKF22]. **toxoid** [LPSF24]. **tracking** [LWE+22, SJH+23, WSW23, ZWZ+20]. **Trade** [JHL23, PF23, BBIP24, CSCT23, CP20, DSC+21, LMW+23a, NO24, Pér24, SML+20, ZLML20]. **trade-off** [BBIP24, CSCT23, CP20, NO24, 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, ZMS20]. **trait-** [ZMS20]. **trait-based** [BDC+22, LBL+24, Mur24, RFJ+22]. **traits** [AVP+23, CMGD+22, CLW+24, EHS+20, GRCSA+20, HKSM23, LJvdM24, PKO+21, RHP+24, SLYL+20, SHT21, SPV+21, Vas20]. **trajectories** [AADHA+23, BAR24, COS23, FG21]. **trajectory** [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, NCG+24]. **transfers** [KKP+21, SML+20]. **transformed** [GCMU23, MPMT23]. **Transient** [CTL22, ZZZD22]. **transit** [MLV24]. **Transition** [MT23, OHP+23, TTPA21]. **Transitioning** [Ano20-51]. **transitions** [HCX+21, KMP+23]. **transmission** [CLHZ22, CGZ24, EBMK20, KE24, KS22, LGFT+20, MSLM+24, MD23, RWS+21, TLL+23, TBM+24, ZXK+24, vWVH20]. **transmitted** [MMMS23]. **TransparC2U** [CM21]. **transparent** [Woo24]. **transpiration** [HFP22, ZFC+23]. **Transport** [SCG+24, BdBG+21a, BdBG+21b, CMFC23, LWE+22, SPB+24, WPL+23, MLJ+23]. **transportation** [LPL22a]. **trap** [AP22]. **traps** [HI22]. **travel** [Lef23]. **treatment** [BSU+23, CEB+24, LZL22, MKN23]. **treatments** [GAMN+23]. **Tree** [HHI+22, dSMPA+22, ABRG21, CAK+23, CAK+24, CNSK21, DMG22, HHBF24, HBRK24, HFP22, JMC+22, LGG+22, LPS+21, MRR+20, MLJ+23, PVS+21, PPH+21, PKO+21, Pre22, SLHB+23, SKW23, SCH+21, SGB+24b, SBR20, VJK+23, WHE+24a, WHE+24b, WHL+23, WYBX23, 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, 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, HK23, LPL22b, MSML24, MZLRSZ21, PCK+22, RSC+21, SBS+20, WSFZ21, vdHNH+20]. **tropical** [BSS+24, BH21, DBV+22, FG21, HLB+20, MAGR+22, MHP+23, PYD+21a, PYD+21b, 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]. **TVDI** [RFdL+24]. **TVDI-based** [RFdL+24]. **two** [AKM22, CM21, CWW+23, DKM+21, DPC20, KABL21, Kos22, LHDBN20, LYZ+24, MBR+23, NMGFOB21, PWN+24, SZKLL24, TCG+20, WG21, WTT+21, ZHC23]. **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]. **Ubatuba** [OBFH22]. **Ulloa** [MZLRSZ21]. **Ulva** [LFN+20, SRB+20]. **uncertain** [MDB24b, VRS20, YSIB24]. **uncertainties** [CM21]. **Uncertainty** [HAZEF23, 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, ZOJ+23, 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]. **unified** [FMRMAS24, LMNV20]. **unimodal** [CLHZ22]. **United** [Pas21, CBG+22, YA24]. **units** [ŁJ21, SRTS20]. **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]. **update** [Gri20]. **updraft** [STQ+22]. **updraft-subsidized** [STQ+22]. **upgradation** [LZL22]. **upland** [MKEH20]. **upon** [FAC22, GNH+24]. **Upper** [TGRM23, BSB+24, DYW+22, SD24, XMWL23]. **upregulated** [MJ24]. **upscaling** [VPV21]. **upstream** [KTB+23]. **uptake** [CWW+23, GSJ+22, JMC+22, Kiv24]. **upwelling** [AACCIS20, GGE+23]. **Upwind** [SGV+24]. **urban** [AXMJ22, BAPW20, BCW+23, BBCD23, CLY+23, DBDR22, EL22, EON23, GZW+20, JHL23, KBC24, LL21, MFZ23, MPSS24, MKEH20, MTZA23,

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Water-energy [DLZ+20]. **water-land** [NMV+23]. **water-limited**
[HLW+20, HLZ+22]. **waterbirds** [DN24, WWA+22]. **waterbodies**
[RFCEL22]. **waters** [RJY+20]. **watershed** [BH21, GSA24, HAZEF23,
HCPG20, JB22, LSS+21, MTZA23, PGP+22, ZZLF24, dPGDdFS24].
watersheds [SCG+24]. **wave** [SBWB24]. **wavelet** [CCH20]. **way**
[DLT+22, WHdBB21]. **Ways** [Koo24a]. **Weak** [CKC20, ABZ22]. **weaken**
[CLHZ22]. **web** [BAAN24, BNN20, CGRR+24, CVTS20a, CVTS20b,
DvDA24, DS24, GHbS21, HML+22, KKH+24, MAD+20, MPPM23, NHGP23,
OKS+21, SRK+20, ZBW+24, vdHNH+20]. **web-based**
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weight [BPK+20]. **weighted** [CKC+24]. **weighting** [ZFP21]. **well**
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well-mixed [HMC20]. **wellbeing** [KCS22]. **west**
[HMVR21, BGC+23, KWG+22a, PTG+20, SPB+24, SD24]. **western**
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wet [BPK+20]. **Wetland** [MLD+23, DN24, EON23, OTR+21]. **wetlands**
[AGP20, DBK20, LHJ+24]. **whale** [MCB+23, SWF21]. **wheat**
[CDN+23, GAMN+23, GGS+22, HRW+24, Hop23, LPHO+20, PTF23, PK23].
Which [ENARM+23, RAB21]. **while** [DGVVP23, XCH+21, YA24]. **White**
[HCW+22, BGK+20, dMFOM+20, KS22, TBM+24, VRW+21, KFJS20].
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]. **wild**
[DAG+21, GJC+20, KT22, LP22, LBN+22, MM21, RRFLV+22]. **wildcat**
[CKK+24a, CKK+24c]. **wildcats** [CKC+24]. **wildfire**
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wildflower/crop [CSCT23]. **wildlife** [BGK+20, BLB24b, COPM23,
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wildlife-livestock [MD23]. **Williston** [LYZ+24]. **Wind**
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within [BKTM20, CDNN+20, CMRF+24, FFM+23, HGBK23, KDH+21,
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Anonymous:2020:Ac

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Anonymous:2020:Da

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Anonymous:2020:Fa

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Anonymous:2020:Ja

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Anonymous:2020:Je

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Anonymous:2020:Jc

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Anonymous:2020:Ma

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Anonymous:2020:Mc

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Anonymous:2020:Na

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Anonymous:2020:Oa

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Anonymous:2020:Sa

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Anonymous:2020:Ab

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Anonymous:2020:Ad

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Anonymous:2020:Db

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Anonymous:2020:Fb

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Anonymous:2020:Jb

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Anonymous:2020:Jd

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Anonymous:2020:Md

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Anonymous:2020:Nb

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Anonymous:2020:Ob

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Anonymous:2020:Sb

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Anonymous:2020:EBa

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Anonymous:2020:EBb

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Anonymous:2020:EBc

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Anonymous:2020:EBd

[Ano20-28] Anonymous. Editorial Board. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300429`.

Anonymous:2020:EBe

[Ano20-29] Anonymous. Editorial Board. *Ecological Modelling*, 419 (??):??, March 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300533`.

Anonymous:2020:EBf

[Ano20-30] Anonymous. Editorial Board. *Ecological Modelling*, 420 (??):??, March 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300636`.

Anonymous:2020:EBg

[Ano20-31] Anonymous. Editorial Board. *Ecological Modelling*, 421 (??):??, April 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300855`.

Anonymous:2020:EBh

[Ano20-32] Anonymous. Editorial Board. *Ecological Modelling*, 422 (??):??, April 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300971`.

Anonymous:2020:EBi

[Ano20-33] Anonymous. Editorial Board. *Ecological Modelling*, 423 (??):??, May 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301149`.

Anonymous:2020:EBj

[Ano20-34] Anonymous. Editorial Board. *Ecological Modelling*, 424 (??):??, May 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301381`.

Anonymous:2020:EBk

[Ano20-35] Anonymous. Editorial Board. *Ecological Modelling*, 425 (??):??, June 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301538`.

Anonymous:2020:EBl

[Ano20-36] Anonymous. Editorial Board. *Ecological Modelling*, 426 (??):??, June 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301708`.

Anonymous:2020:EBm

[Ano20-37] Anonymous. Editorial Board. *Ecological Modelling*, 427(??):??, July 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301861`.

Anonymous:2020:EBn

[Ano20-38] Anonymous. Editorial Board. *Ecological Modelling*, 428 (??):??, July 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302143`.

Anonymous:2020:EBo

[Ano20-39] Anonymous. Editorial Board. *Ecological Modelling*, 429 (??):??, August 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302271`.

Anonymous:2020:EBp

[Ano20-40] Anonymous. Editorial Board. *Ecological Modelling*, 430 (??):??, August 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302416`.

Anonymous:2020:EBq

[Ano20-41] Anonymous. Editorial Board. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302854`.

Anonymous:2020:EBr

[Ano20-42] Anonymous. Editorial Board. *Ecological Modelling*, 432(??):??, September 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303070`.

Anonymous:2020:EBs

[Ano20-43] Anonymous. Editorial Board. *Ecological Modelling*, 433 (??):??, October 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303240`.

Anonymous:2020:EBt

[Ano20-44] Anonymous. Editorial Board. *Ecological Modelling*, 434(??): ??, October 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303458`.

Anonymous:2020:EBu

[Ano20-45] Anonymous. Editorial Board. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303732`.

Anonymous:2020:EBv

[Ano20-46] Anonymous. Editorial Board. *Ecological Modelling*, 436(??):??, November 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303860`.

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Anonymous:2022:Ab

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Anonymous:2022:D

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Anonymous:2022:EBa

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Anonymous:2022:EBf

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Anonymous:2022:EBg

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Anonymous:2022:EBj

[Ano22m] Anonymous. Editorial Board. *Ecological Modelling*, 472 (??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002289`.

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Anonymous:2022:EBl

[Ano22o] Anonymous. Editorial Board. *Ecological Modelling*, 474 (??):??, December 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002952`.

Anonymous:2022:F

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Anonymous:2022:Ja

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Anonymous:2022:Jc

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Anonymous:2022:Jb

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Anonymous:2022:Ma

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Anonymous:2022:Mb

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Anonymous:2023:D

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Anonymous:2023:EBa

[Ano23d] Anonymous. Editorial Board. *Ecological Modelling*, 475 (??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003374`.

Anonymous:2023:EBb

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Anonymous:2023:EBc

[Ano23f] Anonymous. Editorial Board. *Ecological Modelling*, 477(??): ??, March 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000182`.

Anonymous:2023:EBd

[Ano23g] Anonymous. Editorial Board. *Ecological Modelling*, 478(??): ??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300042X`.

Anonymous:2023:EBe

[Ano23h] Anonymous. Editorial Board. *Ecological Modelling*, 479(??): ??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000650`.

Anonymous:2023:EBf

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Anonymous:2023:EBg

[Ano23j] Anonymous. Editorial Board. *Ecological Modelling*, 481(??): ??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001199`.

Anonymous:2023:EBh

[Ano23k] Anonymous. Editorial Board. *Ecological Modelling*, 482 (??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001618`.

Anonymous:2023:EBi

[Ano23l] Anonymous. Editorial Board. *Ecological Modelling*, 483 (??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001965`.

Anonymous:2023:EBj

[Ano23m] Anonymous. Editorial Board. *Ecological Modelling*, 484 (??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002259`.

Anonymous:2023:EBk

[Ano23n] Anonymous. Editorial Board. *Ecological Modelling*, 485 (??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300251X`.

Anonymous:2023:EBl

[Ano23o] Anonymous. Editorial Board. *Ecological Modelling*, 486 (??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002855`.

Anonymous:2023:F

[Ano23p] Anonymous. February 2023. *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ????

Anonymous:2023:Ja

[Ano23q] Anonymous. January 2023. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ????

Anonymous:2023:Jc

[Ano23r] Anonymous. July 2023. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2023:Jb

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Anonymous:2023:Ma

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Anonymous:2023:Mb

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Anonymous:2023:N

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Anonymous:2023:S

[Ano23x] Anonymous. September 2023. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2024:Aa

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Anonymous:2024:Ab

[Ano24b] Anonymous. August 2024. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2024:D

[Ano24c] Anonymous. December 2024. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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

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[BRAL23] Octavio A. Bruzzone, Luca Rossini, M. Belén Aguirre, and Guillermo Logarzo. A new model formulation for host depletion in parasitoids. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL http://www.sciencedirect.com/science/article/pii/S030438002200312X.

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

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[COJ23] Abbas Ali Chandio, Dicle Ozdemir, and Yuansheng Jiang. Modelling the impact of climate change and advanced agricultural technologies on grain output: Recent evidence from China. *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023002314.

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

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

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

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[CVTS20b] Carrie M. Chennault, Robert M. Valek, John C. Tyndall, and Lisa A. Schulte. PEWI: an interactive web-based ecosystem service model for a broad public audience. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302362`. See corrigendum [CVTS20a].

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[CWF+21] Mingli Chen, Zijian Wu, Xinxi Fu, Linnan Ouyang, and Xiaofu Wu. Thermodynamic analysis of an ecologically restored plant community:number of species. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001940`.

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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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[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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[Dav22] Katrina J. Davis. Managed culls mean extinction for a marine mammal population when combined with extreme climate impacts. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002200223X`.

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[DBDR22] Giulia Datola, Marta Bottero, Elena De Angelis, and Francesco Romagnoli. Operationalising resilience: a methodological framework for assessing urban resilience through System Dynamics Model. *Ecological Modelling*, 465(??):??, March 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003896`.

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[DBH+22] Jane E. Dentinger, Luca Börger, Mark D. Holton, Ruholla Jafari-Marandi, Durham A. Norman, Brian K. Smith, Seth F.

Oppenheimer, Bronson K. Strickland, Rory P. Wilson, and Garrett M. Street. A probabilistic framework for behavioral identification from animal-borne accelerometers. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003628`.

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[DBK20] Siddhant Dash, Smitom Swapna Borah, and Ajay S. Kalamdhad. Study of the limnology of wetlands through a one-dimensional model for assessing the eutrophication levels induced by various pollution sources. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304156`.

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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 application for forest biomass and carbon estimates. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001752`.

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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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[DDH+22] Tomas Della Chiesa, Stephen J. Del Grosso, Melannie D. Hartman, William J. Parton, Laura Echarte, Laura Yahdjian, and Gervasio Piñeiro. A novel mechanism to simulate intercropping and relay cropping using the `DayCent`

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[DDL+20] Natalie A. Dowling, Catherine M. Dichmont, George M. Leigh, Sean Pascoe, Rachel J. Pears, Tom Roberts, Sian Breen, Toni Cannard, Aaron Mamula, and Marc Mangel. Optimising harvest strategies over multiple objectives and stakeholder preferences. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303136`.

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[DEMJ24] Robert Daniels, Ava Ellett, Katherine McCombs, and John Jacobs. *Vibrio vulnificus* infections from water exposure in the Chesapeake Bay: Are they predictable? *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003241`.

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[dSMPA+22] Juliana G. de S. Magalhaes, Adam P. Polinko, Mariano M. Amoroso, Gursimran S. Kohli, and Bruce C. Larson. The predicting tree growth app: an algorithmic approach to modelling individual tree growth. *Ecological Modelling*, 467(??): ??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000552`.

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[ECC+22] Terence Epule Epule, Abdelghani Chehbouni, Tarik Chfadi, Victor Ongoma, Salah Er-Raki, Said Khabba, Daniel Etongo, Adán L. Martínez-Cruz, Ernest L. Molua, Soumia Achli, Wiam Salih, Clifford Chuwah, Martin Jemo, and Ikram Chairi. A systematic national stocktake of crop models in Morocco. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001466`.

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[GXZ+24] Hanliang Gui, Qinchuan Xin, Xuewen Zhou, Zhenhua Xiong, and Kun Xiao. Embedding a novel phenology model into the Common Land Model for improving the modeling of land-atmosphere fluxes. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001704`.

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[HBRK24] Dominik Holzer, Kai Bödeker, Werner Rammer, and Thomas Knoke. Evaluating dynamic tree-species-shifting and height development caused by ungulate browsing in forest regeneration using a process-based modeling approach. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001297.

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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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[HES+20] Ryan F. Heneghan, Jason D. Everett, Patrick Sykes, Sonia D. Batten, Martin Edwards, Kunio Takahashi, Iain M. Suthers, Julia L. Blanchard, and Anthony J. Richardson. A functional size-spectrum model of the global marine ecosystem that resolves zooplankton composition. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303355`. See corrigendum [HES+23].

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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),

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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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[JPMA+23] M. K. James, J. A. Polton, C. G. Mayorga-Adame, K. L. Howell, and A. M. Knights. Assessing the influence of behavioural parameterisation on the dispersal of larvae in marine systems. *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ???? URL http://www.sciencedirect.com/science/article/pii/S0304380022003507.

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[JRD+22] Emerson Campos Barbosa Júnior, Vitor Passos Rios, Pavel Dodonov, Bruno Vilela, and Hilton F. Japyassú. Effect of behavioural plasticity and environmental properties on the resilience of communities under habitat loss and fragmentation. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022001788.

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[JS22] L. Jiménez and J. Soberón. Estimating the fundamental niche: Accounting for the uneven availability of existing climates in the calibration area. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021003665.

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[JSD+22] Ruth Joy, Robert S. Schick, Michael Dowd, Tetyana Margolina, John E. Joseph, and Len Thomas. A fine-scale marine

mammal movement model for assessing long-term aggregate noise exposure. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003422`.

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[JSL+20] Julien Joseph, Fernanda Santibáñez, María Fabiana Laguna, Guillermo Abramson, Marcelo N. Kuperman, and Lucas A. Garibaldi. A spatially extended model to assess the role of landscape structure on the pollination service of *Apis mellifera*. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302714`.

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[JST+22] Frédéric Joly, Rodolphe Sabatier, Laurent Tatin, Claire Mosnier, Ariell Ahearn, Marc Benoit, Bernard Hubert, and Guillaume Deffuant. Adaptive decision-making on stocking rates improves the resilience of a livestock system exposed to climate shocks. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003446`.

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[JTH24] Bas Jacobs, Hilde Tobi, and Geerten M. Hengeveld. Linking error measures to model questions. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002922`.

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[JvVvHH24] Bas Jacobs, George van Voorn, Peter van Heijster, and Geerten M. Hengeveld. Consequences of alternative stable states for short-term model-based control of cyanobacterial blooms. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000590`.

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[JZJ+20] Fred A. Johnson, Guthrie S. Zimmerman, Gitte H. Jensen, Kevin K. Clausen, Morten Frederiksen, and Jesper Madsen. Using integrated population models for insights into monitoring programs: an application using pink-footed geese. *Ecological Modelling*, 415(??):??, January 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303771`.

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[JZS+21] Kamil Janiak, Bartosz Zięba, Ryszard Szetela, Mateusz Muszyński-Huhajło, Stanisław Miodoński, Anna Jurga, and Agnieszka Trusz. Approach to modeling protozoa grazing on the basis of the current state of knowledge. *Ecological Modelling*, 447(??):??, May 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000740`.

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[KAB+23b] Swamini Khurana, Rose Abramoff, Elisa Bruni, Marta Dondini, Boris Tupek, Bertrand Guenet, Aleksi Lehtonen, and Stefano Manzoni. Interactive effects of microbial functional diversity and carbon availability on decomposition — a theoretical exploration. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023002375.

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[KAMS22] Christer Kalén, Henrik Andrén, Johan Månsson, and Håkan Sand. Using citizen data in a population model to estimate population size of moose (*Alces alces*). *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022001740.

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[KBAC20] Anika Kuczynski, Ankita Bakshi, Martin T. Auer, and Steven C. Chapra. The canopy effect in filamentous algae: Improved modeling of *Cladophora* growth via a mechanistic representation of self-shading. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304144`.

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[KBC24] Edward Kroc, Louise K. Blight, and Min Hai Cao. More than just a roof under their feet: How spatial and structural features of a coastal city predict nest site selection in the urban-nesting glaucous-winged gull (*Larus glaucescens*). *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002072`.

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[KBSS23] Rohit Kumar, Arvind Bhardwaj, Lakhwinder Pal Singh, and Gurraj Singh. Quantifying ecological impacts: a comparative life cycle assessment of conventional and organic potato cultivation. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002405`.

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[KCHZ21] James P. Kilfoil, Matthew D. Campbell, Michael R. Heithaus, and Yuying Zhang. The influence of shark behavior and environmental conditions on baited remote underwater video survey results. *Ecological Modelling*, 447(??):??, May 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000788`.

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[KCP+23] Fabíola Keesen, Alcides Castro e Silva, Carlos Felipe S. Pinheiro, Everaldo Arashiro, Yan Ligeiro, and Carlos Eduardo de Viveiros Grelle. New applications of an old individual-based model for biological dynamics. *Ecological Modelling*,

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[KCS22] Abu SMG Kibria, Robert Costanza, and José R. Soto. Modeling the complex associations of human wellbeing dimensions in a coupled human-natural system: In contexts of marginalized communities. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022000114.

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[KD20] Josef Koch and Karel A. C. De Schamphelaere. Estimating inter-individual variability of dynamic energy budget model parameters for the copepod *Nitocra spinipes* from existing life-history data. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020301630.

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[KDC+21] Sayani Kundu, Nirjhar Dasgupta, Bratati Chakraborty, Ayan Paul, Santanu Ray, and Sabyasachi Bhattacharya. Growth acceleration is the key for identifying the most favorable food concentration of *Artemia* sp. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002100199X.

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[KDH+21] Alexey Katin, Dario Del Giudice, Nathan S. Hall, Hans W. Paerl, and Daniel R. Obenour. Simulating algal dynamics within a Bayesian framework to evaluate controls on estuary productivity. *Ecological Modelling*, 447(??):??, May 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021000685.

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[KE24] Amira Khelifa and Nadjia El Saadi. The impact of aquatic habitats on the malaria parasite transmission: a view from an agent-based model. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002776`.

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[KFJS20] Allison Kolpas, David H. Funk, John K. Jackson, and Bernard W. Sweeney. Phenological modeling of the parthenogenetic mayfly *Neocloeon triangulifer* (Ephemeroptera: Baetidae) in White Clay Creek. *Ecological Modelling*, 416 (??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304004`.

Kamkar:2023:EHS

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

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[KGBL24] Evridiki Klagkou, Andre Gergs, Christian U. Baden, and Konstadia Lika. Dynamic Energy Budget approach for modeling growth and reproduction of neotropical stink bugs. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001285`.

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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. *Ecolog-*

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[KHH+24] Jens Krause, Mike Harfoot, Selwyn Hoeks, Peter Anthoni, Calum Brown, Mark Rounsevell, and Almut Arneth. Corrigendum to "How more sophisticated leaf biomass simulations can increase the realism of modelled animal populations" [Ecological Modelling **471** (2022) 110061]. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000942`. See [KHH+22].

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[KHR23] Adam Kane, Kevin Healy, and Graeme D. Ruxton. Was *Allosaurus* really predominantly a scavenger? *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003453`. See response [PR23].

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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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[KiAM+20] Shigeho Kakehi, Jun ichi Abo, Hiroomi Miyamoto, Taiki Fuji, Kazuyoshi Watanabe, Hideyuki Yamashita, and Satoshi Suyama. Forecasting Pacific saury (*Cololabis saira*) fishing grounds off Japan using a migration model driven by an ocean circulation model. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302210`.

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[Kiv24] Sergey N. Kivalov. Identifying optimal cloud cover for enhanced forest carbon uptake: Periodic-case NEE-overshoot modelling. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002928`.

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[KJH24] Dushan P. Kumarathunge, Mingkai Jiang, and Chris Huntingford. Potential thermal safety margin for plant photosynthesis derived from local temperature variability. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002205`.

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[KK20] B. W. Kooi and S. A. L. M. Kooijman. A cohort projection method to follow DEB-structured populations with periodic, synchronized and iteroparous reproduction. *Ecological Modelling*, 436(??):??, November 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303689`.

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

Kokkonen:2024:ETP

[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.

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Kooijman:2024:FMT

[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 Modelling*, 497(??):??, November 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002576`.

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[KKP+21] Omar Kherif, Mohamed Islam Keskes, Marc Pansu, Walid Ouaret, Yacer-Nazih Rebouh, Peter Dokukin, Dmitry Kucher, and Mourad Latati. Agroecological modeling of nitrogen and carbon transfers between decomposer microorganisms, plant symbionts, soil and atmosphere in an intercropping system. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304543`.

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[KKW+21] Tae Kyung Kim, Sukyung Kim, Myoungsoo Won, Jong-Hwan Lim, Sukhee Yoon, Keunchang Jang, Kye-Han Lee, Yeong Dae Park, and Hyun Seok Kim. Utilizing machine learning for detecting flowering in mid — range digital repeat photography. *Ecological Modelling*, 440(??):??, January

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[KLA+20] Sebastiaan A. L. M. Kooijman, Konstadia Lika, Starrlight Augustine, Nina Marn, and Bob W. Kooi. The energetic basis of population growth in animal kingdom. *Ecological Modelling*, 428(??):??, July 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301277`.

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[Kle23] Maarten G. Kleinhans. Viewpoint: Composing complex earth system models. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001345`.

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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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[KLL+24] Yongeun Kim, Yun-Sik Lee, Minyoung Lee, June Wee, Jinsol Hong, and Kijong Cho. Exploring the optimal fuzzy rule-based modeling procedure to assess habitat suitability of indicator collembola species in forest soils. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002916`.

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[KLNMG22] Mélodie Kunegel-Lion, Eric W. Neilson, Nicolas Mansuy, and Devin W. Goodsman. Habitat quality does not predict animal population abundance on frequently disturbed

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[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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[MLP+20] Florence Mounier, Véronique Loizeau, Laure Pecquerie, Hilaire Drouineau, Pierre Labadie, Hélène Budzinski, and Jérémy Lobry. Dietary bioaccumulation of persistent organic pollutants in the common sole *Solea solea* in the context of global change. Part 2: Sensitivity of juvenile growth and contamination to toxicokinetic parameters uncertainty and environmental conditions variability in estuaries. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302623`.

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[MMdP+21] Everton A. Maciel, Valeria F. Martins, Mateus D. de Paula, Andreas Huth, Frederico A. G. Guilherme, Rico Fischer, André Giles, Reinaldo I. Barbosa, Osmar Cavassan, and Fernando R. Martins. Defaunation and changes in climate and fire frequency have synergistic effects on aboveground biomass loss in the Brazilian savanna. *Ecological Modelling*, 454(??):??, August 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001903`.

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[MMMS23] Kensuke Mori, Alessandro Massolo, Danielle Marceau, and Emmanuel Stefanakis. Modelling the epidemiology of zoonotic parasites transmitted through a predator-prey system in urban landscapes: the Calgary *Echinococcus multilocularis* Coyote Agent-based model (CEmCA). *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002782`.

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[MRR+20] Thales G. V. Martins, Geraldo G. Reis, Maria G. F. Reis, Lucas A. A. Telles, Mayara R. Lage, Gleidson G. C. Mendes,

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[MSG+21b] Gaurav Mishra, Avishek Sarkar, Krishna Giri, Arun Jyoti Nath, Rattan Lal, and Rosa Francaviglia. Changes in soil carbon stocks under plantation systems and natural forests in Northeast India. *Ecological Modelling*, 446(??):??, April 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-

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[MSL+21] Mohammad Madani, Rajesh Seth, Luis F. Leon, Reza Valipour, and Craig McCrimmon. Microbial modelling of Lake St. Clair: Impact of local tributaries on the shoreline water quality. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002647.

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[MSLM+24] Antônio Ralph Medeiros-Sousa, Martin Lange, Luis Filipe Mucci, Mauro Toledo Marrelli, and Volker Grimm. Modelling the transmission and spread of yellow fever in forest landscapes with different spatial configurations. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024000176.

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[MSML21] Benjamin Mayersohn, K. Shafer Smith, Inès Mangolte, and Marina Lévy. Intrinsic timescales of variability in a marine

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[MSML24] Richard Mao, Ziru Su, Xu Ma, and Mengli Liu. An ecological population study of lampreys in the Lotka–Volterra tertiary trophic level based on sex differences. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002400214X`.

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[MSS24] Nitika Mundetia, Devesh Sharma, and Aditya Sharma. Groundwater sustainability assessment under climate change scenarios using integrated modelling approach and multi-criteria decision method. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002740`.

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[mSzZK+21] Shu miao Shu, Wan ze Zhu, George Kontsevich, Yang yi Zhao, Wen zhi Wang, Xiao xiang Zhao, and Xiao dan Wang. A discrete model of ontogenetic growth. *Ecological Modelling*, 460(??):??, November 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100301X`.

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[MTBB22] Isabelle Ménard, Evelyne Thiffault, Yan Boulanger, and Jean-François Boucher. Multi-model approach to integrate climate change impact on carbon sequestration potential

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

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

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

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[Mur24] Karthik K. Murthy. A trait-based approach to integrate resilience frameworks. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001455.

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

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[MZLRSZ21] M. V. Morales-Zárate, J. A. López-Ramírez, and C. A. Salinas-Zavala. Loggerhead marine turtle (*Caretta caretta*)

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[NAM22] Alireza Nikouei, Mohammad Reza Asgharipour, and Zahra Marzban. Modeling land allocation to produce crops under economic and environmental goals in Iran: a multi-objective programming approach. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001703`.

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[NBMD21] L. Nilsson, N. Bunnefeld, J. Minderman, and A. B. Duthie. Effects of stakeholder empowerment on crane population and agricultural production. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304609`.

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[NBML21] Nader Nakhaei, Leon Boegman, Mahyar Mehdizadeh, and Mark Loewen. Three-dimensional biogeochemical modeling of eutrophication in Edmonton stormwater ponds. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002428`.

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

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

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[nCLpW+23] Xiang nan Chen, Fang Li, Feng ping Wu, Xia Xu, and Yue Zhao. Initial water rights allocation of industry in the Yellow River basin driven by high-quality development. *Ecological Modelling*, 477(??):??, March 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022003702`.

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

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[NFLvdM24] Vaskar Nepal, Mary C. Fabrizio, Romain Lavaud, and Jaap van der Meer. Bioenergetic strategies contributing to the invasion success of blue catfish. *Ecological Modelling*, 496(??):??, October 2024. CODEN EC-

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

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[NGA+24] Fatemeh Nakhaii, Seyed Ahmad Ghanbari, Mohammad Reza Asgharipour, Esmaeel Seyedabadi, and Enrico Sciubba. Evaluating ecological sustainability of mechanized and traditional systems of damaskrose production using extended exergy analysis. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023003253.

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

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[NHGP23] Marcela C. Nascimento, Berengere Husson, Lilia Guillet, and Torstein Pedersen. Modelling the spatial shifts of functional groups in the Barents Sea using a climate-driven spatial food web model. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000868.

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[NK23] Etsuko Nonaka and Anna Kuparinen. Limited effects of size-selective harvesting and harvesting-induced life-history changes on the temporal variability of biomass dynamics in complex food webs. *Ecological Modelling*, 476(??): ??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002514`.

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

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[NL20] Shipeng Nie and Weide Li. How spatial structure of species and disturbance influence the ecological invasion. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302696`.

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[NLMM23] Ayana Neta, Yoav Levi, Efrat Morin, and Shai Morin. Seasonal forecasting of pest population dynamics based on downscaled SEAS5 forecasts. *Ecological Modelling*, 480(??):??, June 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000546`.

Nie:2024:PPM

[NLW+24] Wen Nie, Jianfeng Liu, Qi Wang, Ruizhi Huang, Yipei Zhao, Shaowei Yang, Jingyi Sun, Wenfa Xiao, Aiguo Duan, Yihua Xiao, and Zuyuan Wang. The performance of 3-PG model in Chinese fir plantations with different initial densities in southern China. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001777`.

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

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[NMGFOB21] Francisco Novoa-Muñoz, Nelly Gómez-Fuentealba, and Florencia Osorio-Baeza. Lotka–Volterra model applied to two sympatric species of *Liolaemus* in competition. *Ecological Modelling*, 439(??):??, January 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304130`.

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

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[NMV+23] Mostafa Mardani Najafabadi, Cosimo Magazzino, Donatella Valente, Abbas Mirzaei, and Irene Petrosillo. A new interval meta-goal programming for sustainable planning of agricultural water-land use nexus. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002016`.

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[NND+22] Kevin D. Newman, Jenny L. Nelson, Louise K. Durkin, Jemma K. Cripps, and Michael A. McCarthy. An analytical solution for optimising detections when accounting for site establishment costs. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002186`.

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[NO23] Tadanobu Nakayama and Masahiro Osako. Development of a process-based eco-hydrology model for evaluating the spatio-temporal dynamics of macro- and microplastics for the whole of Japan. *Ecological Modelling*, 476 (??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003416`.

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

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

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

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

Nardella:2023:MPR

[NSS+23] L. Nardella, A. Sebastiani, M. Stafoggia, P. P. Franzese, and F. Manes. Modelling PM_{10} removal in three Italian coastal metropolitan cities along a latitudinal gradient. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001540`.

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

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[NTHC23] Dorian Nothaaß, Franziska Taubert, Andreas Huth, and Adam Thomas Clark. Modelling species invasion using a metapopulation model with variable mortality and stochastic birth–death processes. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300100X`.

Nguyen:2022:SMH

[NWJ+22] David Nguyen, Tanay Wakhare, Jing Jiao, Kellen Myers, Oyita Udiani, and Nina H. Fefferman. Seasonality in multihost disease systems. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000886`.

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

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Nolte:2020:CSO

[NYH20] Anja Nölte, Rasoul Yousefpour, and Marc Hanewinkel. Changes in sessile oak (*Quercus petraea*) productivity under climate change by improved leaf phenology in the 3-PG model. *Ecological Modelling*, 438(??):??, December 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020303550.

Oliveira:2022:SES

[OBFH22] Bruno M. Oliveira, Roelof Boumans, Brian D. Fath, and Joseph Harari. Socio-ecological systems modelling of coastal urban area under a changing climate — case study for Ubatuba, Brazil. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022000734.

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[OCT+23] Maxime Olmos, Jie Cao, James T. Thorson, André E. Punt, Cole C. Monnahan, Baptiste Alglave, and Cody Szuwalski. A step towards the integration of spatial dynamics in population dynamics models: Eastern Bering Sea snow crab as a case study. *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023002144.

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[OEC24] Ryo Ogawa, Jan O. Engler, and Anna F. Cord. Functional responses in habitat selection as a management tool to evaluate agri-environment schemes for farmland birds. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001662.

Ogris:2020:SAC

[OFH+20] Nikica Ogris, Mitja Ferlan, Tine Hauptman, Roman Pavlin, Andreja Kavčič, Maja Jurc, and Maarten de Groot. Sen-

sitivity analysis, calibration and validation of a phenology model for *Pityogenes chalcographus* (CHAPY). *Ecological Modelling*, 430(??):??, August 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302088`.

Ojeda:2021:AED

[OHH+21] Jonathan J. Ojeda, Neil Huth, Dean Holzworth, Rubí Raymundo, Robert F. Zyskowski, Sarah M. Sinton, Alexandre J. Michel, and Hamish E. Brown. Assessing errors during simulation configuration in crop models — a global case study using APSIM-Potato. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002593`.

Orning:2023:UST

[OHP+23] Elizabeth K. Orning, Julie A. Heinrichs, David A. Pyke, Peter S. Coates, and Cameron L. Aldridge. Using state-and-transition simulation models to scope post-fire success in restoring greater sage-grouse habitat. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001278`.

Omta:2023:TMC

[OHR+23] Anne Willem Omta, Elizabeth A. Heiny, Harshana Rajakaruna, David Talmy, and Michael J. Follows. Trophic model closure influences ecosystem response to enrichment. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002812`.

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[OKS+21] Stephen E. Osakpolor, Mira Kattwinkel, Jens Schirmel, Alexander Feckler, Alessandro Manfrin, and Ralf B. Schäfer. Mini-review of process-based food web models and their application in aquatic-terrestrial meta-ecosystems. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

URL http://www.sciencedirect.com/science/article/pii/S0304380021002659.

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[Oku21] Toshinori Okuyama. Dilution effects enhance variation in parasitism risk among hosts and stabilize host–parasitoid population dynamics. *Ecological Modelling*, 441(??):??, February 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020304816.

Osorio:2024:SAH

[OLM+24] Raúl J. Osorio, Anna Linhoss, Justin Murdock, Mindy Yeager-Armstead, and Meena Raju. Sensitivity analysis of a hydrodynamic and harmful algal model in a riverine system. *Ecological Modelling*, 497(??):??, November 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024002345.

Oliveira:2024:MTM

[OMC+24] Diogo F. Oliveira, Gonçalo M. Marques, Nuno Carolino, José Pais, João M. C. Sousa, and Tiago Domingos. A multi-tier methodology for the estimation of individual-specific parameters of DEB models. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001674.

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[OMP+23] Marc Ohlmann, Catherine Matias, Giovanni Poggiato, Stéphane Dray, Wilfried Thuiller, and Vincent Miele. Quantifying the overall effect of biotic interactions on species distributions along environmental gradients. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001552.

Olusoji:2021:PCR

[OSH+21] Oluwafemi D. Olusoji, Jurg W. Spaak, Mark Holmes, Thomas Neyens, Marc Aerts, and Frederik De Laender.

`cyanoFilter`: an R package to identify phytoplankton populations from flow cytometry data using cell pigmentation and granularity. *Ecological Modelling*, 460(??):??, November 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100291X`.

Oubraham:2022:VMP

[OSPZ22] Aichouche Oubraham, Patrick Saint-Pierre, and Georges Zaccour. Viability of a multi-parcel agroecological system. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001314`.

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[OTR+21] Theresa A. O'Meara, Peter E. Thornton, Daniel M. Ricciuto, Genevieve L. Noyce, Roy L. Rich, and J. Patrick Megonigal. Considering coasts: Adapting terrestrial models to characterize coastal wetland ecosystems. *Ecological Modelling*, 450(??):??, June 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001319`.

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[OW20] Olivia Ortner and Gudrun Wallentin. Integration of landscape metric surfaces derived from vector data improves species distribution models. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302313`.

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[OZSU22] M. Oliveira, A. Zucaro, R. Santagata, and S. Ulgiati. Environmental assessment of milk production from local to regional scales. *Ecological Modelling*, 463(??):??, January 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003410`.

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[PA20] S. Ya. Pak and A. I. Abakumov. Phytoplankton in the Sea of Okhotsk along Western Kamchatka: warm *vs* cold years. *Ecological Modelling*, 433(??):??, October 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303148`.

Planque:2022:SPD

[PAB+22] Benjamin Planque, Johanna M. Aarflot, Lucie Buttay, JoLynn Carroll, Filippa Fransner, Cecilie Hansen, Bérengère Husson, Øystein Langangen, Ulf Lindstrøm, Torstein Pedersen, Raul Primicerio, Elliot Sivel, Morten D. Skogen, Evelyn Strombom, Leif Christian Stige, Øystein Varpe, and Nigel G. Yoccoz. A standard protocol for describing the evaluation of ecological models. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001685`.

Pinheiro:2024:CVA

[PAdS+24] Antonio Gebson Pinheiro, Cleber Pereira Alves, Carlos André Alves de Souza, George do Nascimento Araújo Júnior, Alexandre Maniçoba da Rosa Ferraz Jardim, José Edson Florentino de Morais, Luciana Sandra Bastos de Souza, Daniela de Carvalho Lopes, Antonio José Steidle Neto, Abelardo Antonio de Assunção Montenegro, João Emanoel Ambrósio Gomes, and Thieres George Freire da Silva. Calibration and validation of the AquaCrop model for production arrangements of forage cactus and grass in a semi-arid environment. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003368`.

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[Pal24] Georg Pallaske. Analyzing sustainable development strategies through multi-method integration in the Green Economy Model. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002163`.

Pirasteh-Anosheh:2023:BPT

[PAPŁ+23] Hadi Pirasteh-Anosheh, Agnieszka Piernik, Katarzyna Łuczak, Łukasz Mendyk, and Piotr Hulisz. The behavior of potentially toxic elements in the technogenic soil-plant system: a study of *Salicornia europaea* L. from sites affected by the soda industry. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002478`.

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[Pas21] John Pastor. *Ecological Modelling and Ecophysics: Agricultural and Environmental Implications*. Hugo Fort. 2020. IOP Publishing Ltd. United Kingdom. 300 p. $142.20. ISBN-13: 978-0-7503-2430-4. *Ecological Modelling*, 449(??):??, June 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001125`.

Pimenta:2022:OSD

[PAS+22] Mayra Pimenta, André Felipe Alves de Andrade, Fernando Hiago Souza Fernandes, Mayra Pereira de Melo Amboni, Renata Silva Almeida, Ana Hermínia Simões de Bello Soares, Guth Berger Falcon, Daniel Santana Lorenzo Raíces, and Paulo De Marco Júnior. One size does not fit all: Priority areas for real world problems. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001247`.

Papafitsoros:2023:SMB

[PAS23] Kostas Papafitsoros, Lukáš Adam, and Gail Schofield. A social media-based framework for quantifying temporal changes to wildlife viewing intensity. *Ecological Modelling*, 476 (??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003210`.

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[PBF+23] Gaio Cesare Pacini, Piero Bruschi, Lorenzo Ferretti, Margherita Santoni, Francesco Serafini, and Tommaso

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[PYD+21a] Patrick R. Pata, Aletta T. Yñiguez, Josephine Dianne L. Deauna, Asuncion B. De Guzman, Cesaria R. Jimenez, Roselle T. Borja-Del Rosario, and Cesar L. Villanoy. Corrigendum to Insights into the environmental conditions contributing to variability in the larval recruitment of the tropical sardine *Sardinella lemuru*. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002350.

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[PYD+21b] Patrick R. Pata, Aletta T. Yñiguez, Josephine Dianne L. Deauna, Asuncion B. De Guzman, Cesaria R. Jimenez, Roselle T. Borja-Del Rosario, and Cesar L. Villanoy. Insights into the environmental conditions contributing to variability in the larval recruitment of the tropical sardine *Sardinella lemuru*. *Ecological Modelling*, 451(??):??, July 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021001290.

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[PZH+21] Jiaye Ping, Jian Zhou, Kun Huang, Xiaoying Sun, Huanfa Sun, and Jianyang Xia. Modeling the typhoon disturbance effect on ecosystem carbon storage dynamics in a subtropical forest of China's coastal region. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021001976.

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[QS23] Zilong Qin and Zongyao Sha. Modeling the impact of urbanization and climate changes on terrestrial vegetation productivity in China by a neighborhood substitution analysis. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

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[QZSV21] Man Qi, Feng Zhao, Tao Sun, and Alexey Voinov. Disentangling the relative influence of regeneration processes on marsh plant assembly with a stage-structured plant assembly model. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002064.

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

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[RBEH21] Sean K. Rohan, David A. Beauchamp, Timothy E. Essington, and Adam G. Hansen. Merging empirical and mech-

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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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[RBMRR20] E. Soraya Rawlings, J. C. Barrera-Martinez, and Vicente Rico-Ramirez. Fisher information calculation in a complex ecological model: an optimal control-based approach. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303539`.

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[RBVL+20] Paloma Ruiz-Benito, Giorgio Vacchiano, Emily R. Lines, Christopher P. O. Reyer, Sophia Ratcliffe, Xavier Morin, Florian Hartig, Annikki Mäkelä, Rasoul Yousefpour, Jimena E. Chaves, Alicia Palacios-Orueta, Marta Benito-Garzón, Cesar Morales-Molino, J. Julio Camarero, Alistair S. Jump, Jens Kattge, Aleksi Lehtonen, Andreas Ibrom, Harry J. F. Owen, and Miguel A. Zavala. Available and missing data to model impact of climate change on European forests.

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[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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[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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[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`.

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

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

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[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].

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[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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[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).

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

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

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

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

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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 Dynamic Energy Budget theory. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001492`.

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

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

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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`.

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[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 An-

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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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[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),

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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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[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.

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[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 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304191`.

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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`.

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

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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`.

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

Raju:2023:VHR

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

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

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

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[RSC+24] Divyashree Rana, Caroline Charão Sartor, Luca Chiaverini, Samuel Alan Cushman, Żaneta Kaszta, Uma Ramakrishnan, and David W. Macdonald. Differentially biased sampling strategies reveal the non-stationarity of species distribution models for Indian small felids. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001376`.

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[RSS24] Sonja Radosavljevic, Udita Sanga, and Maja Schlüter. Navigating simplicity and complexity of social-ecological systems through a dialogue between dynamical systems and agent-based models. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001765`.

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[RSWS23] Emma Chollet Ramampiandra, Andreas Scheidegger, Jonas Wydler, and Nele Schuwirth. A comparison of machine

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[RTB+24] Werner Rammer, Dominik Thom, Martin Baumann, Kristin Braziunas, Christina Dollinger, Jonas Kerber, Johannes Mohr, and Rupert Seidl. The individual-based forest landscape and disturbance model iLand: Overview, progress, and outlook. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002400173X`.

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[RTH+21] Vinícius Barros Rodrigues, Elio Tuci, Horst Holstein, Miriam S. Bowen, Diogo Andrade Costa, Lucy T. Takahashi, Paulo Fellipe Cristaldo, and Og DeSouza. Macrosymbiosis triggered by a defence-reproduction tradeoff in a social insect. *Ecological Modelling*, 462(??):??, December 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003276`.

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[RUTY23] Renu, Ranjit Kumar Upadhyay, S. P. Tiwari, and R. P. Yadav. Analysis of interval-valued model for interaction between plankton-fish population in marine ecosystem. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001795`.

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[RWF22] B. Veena Shankara Narayana Rao, J. R. Walton, and M. Fujiwara. A mathematical model to investigate the effects of fishing zone configurations and mass dependent rates on biomass yield: Application to brown shrimp in Gulf of Mexico. *Ecological Modelling*, 463(??):??, January 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

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[RWS+21] Robin E. Russell, Daniel P. Walsh, Michael D. Samuel, Martin D. Grunnill, and Tonie E. Rocke. Space matters: host spatial structure and the dynamics of plague transmission. *Ecological Modelling*, 443(??):??, March 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021000235.

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[RWZ+24] Zoe R. Rand, Eric J. Ward, Jeanette E. Zamon, Thomas P. Good, and Chris J. Harvey. Using Hidden Markov Models to develop ecosystem indicators from non-stationary time series. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024001881.

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[SACE+20] Alvaro Sierra-Altamiranda, Hadi Charkhgard, Mitchell Eaton, Julien Martin, Simeon Yurek, and Bradley J. Udell. Spatial conservation planning under uncertainty using modern portfolio theory and Nash bargaining solution. *Ecological Modelling*, 423(??):??, May 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020300880.

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[SACEU+21] Neftalí Sillero, Salvador Arenas-Castro, Urtzi Enriquez-Urzelai, Cândida Gomes Vale, Diana Sousa-Guedes, Fernando Martínez-Freiría, Raimundo Real, and A. Márcia Barbosa. Want to model a species niche? A step-by-step guideline on correlative ecological niche modelling. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002301.

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[SAdA+22] Juliano Scarpelin, Feni Dalano Roosevelt Agostinho, Cecília Maria Villas Bôas de Almeida, Biagio Fernando Giannetti, and Lívia Cristina Pinto Dias. Valuation of losses and damages resulting from the Fundão's dam failure: an emergy perspective. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001612`.

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[Sak23] Tomoko Sakiyama. Spatial inconsistency of memorized positions produces different types of movements. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300087X`.

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[SAL+22] Guzel Salimova, Alisa Ableeva, Tatiana Lubova, Aidar Sharafutdinov, and Irek Araslanbaev. Multidimensional modeling of the economy of forest management and reforestation. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002010`.

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[SBF+21] A. Sebastiani, E. Buonocore, P. P. Franzese, A. Riccio, E. Chianese, L. Nardella, and F. Manes. Modeling air quality regulation by green infrastructure in a Mediterranean coastal urban area: the removal of PM_{10} in the Metropolitan City of Naples (Italy). *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304476`.

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[SBFBDM24] Imelda Somodi, Ákos Bede-Fazekas, Zoltán Botta-Dukát, and Zsolt Molnár. Confidence and consistency in discrimination: a new family of evaluation metrics for potential distribution models. *Ecological Modelling*, 491(??):??, May

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[SBM+22] Hugo Tameirão Seixas, Nathaniel A. Brunsell, Elisabete Caria Moraes, Gabriel de Oliveira, and Guilherme Mataveli. Exploring the ecosystem resilience concept with land surface model scenarios. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021003616.

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[SBMF23] João Serôdio, Alexandra Bastos, Jérôme Morelle, and Silja Frankenbach. Light niche construction: Motility of sediment-inhabiting diatoms determines the experienced light environment. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001102.

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[SBMG24] Bart Steen, Olivier Broennimann, Luigi Maiorano, and Antoine Guisan. How sensitive are species distribution models to different background point selection strategies? A test with species at various equilibrium levels. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002400142X.

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[SBR20] Christelle Suppo, Audrey Bras, and Christelle Robinet. A temperature- and photoperiod-driven model reveals complex temporal population dynamics of the invasive box tree moth in Europe. *Ecological Modelling*, 432(??):??, September 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020302994.

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[SBS+20] Saachi Sadchatheeswaran, George M. Branch, Lynne J. Shannon, Coleen L. Moloney, Marta Coll, and Tamara B. Robinson. Modelling changes in trophic and structural impacts of alien ecosystem engineers on a rocky-shore island. *Ecological Modelling*, 433(??):??, October 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302970`.

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[SBS+21] Saachi Sadchatheeswaran, George M. Branch, Lynne J. Shannon, Marta Coll, and Jeroen Steenbeek. A novel approach to explicitly model the spatiotemporal impacts of structural complexity created by alien ecosystem engineers in a marine benthic environment. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002830`.

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[SBWB24] Rebecca E. Stanley, Matthew V. Bilskie, C. Brock Woodson, and James E. Byers. A model for understanding the effects of flow conditions on oyster reef development and impacts to wave attenuation. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000164`.

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[SC21] L. M. V. Soares and M. C. Calijuri. Sensitivity and identifiability analyses of parameters for water quality modeling of subtropical reservoirs. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100274X`.

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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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[SCACB23] Neftalí Sillero, João Carlos Campos, Salvador Arenas-Castro, and A. Márcia Barbosa. A curated list of R packages for ecological niche modelling. *Ecological Modelling*, 476 (??):??, February 2023. CODEN ECMODT. ISSN ???? URL http://www.sciencedirect.com/science/article/pii/S0304380022003404.

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[SCB+20] Nina Luisa Santostasi, Paolo Ciucci, Giovanni Bearzi, Silvia Bonizzoni, and Olivier Gimenez. Assessing the dynamics of hybridization through a matrix modelling approach. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020301927.

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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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[SCG+23] Hiromitsu Sato, Emeline Chaste, Martin P. Girardin, Jed O. Kaplan, Christelle Hély, Jean-Noël Candau, and Stephen J. Mayor. Dynamically simulating spruce budworm in Eastern Canada and its interactions with wildfire. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001436`.

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[SCG+24] Jeric S. Sadsad, Maria L. Chu, Jorge A. Guzman, Daniel N. Moriasi, and Ann-Marie Fortuna. Transport of nitrogen in grassed watersheds accounting for the combined influence of grazing and climate. *Ecological Modelling*, 496(??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002151`.

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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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[SD24] Ujjal Senapati and Tapan Kumar Das. Delineation of potential alternative agriculture region using RS and AHP-based GIS techniques in the drought prone upper Dwarakeswer river basin, West Bengal, India. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000395`.

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[SDD+20] R. Serrouya, M. Dickie, C. DeMars, M. J. Wittmann, and S. Boutin. Predicting the effects of restoring linear features on woodland caribou populations. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303990`.

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[SDH21] Matthias Speich, Carsten F. Dormann, and Florian Hartig. Sequential Monte-Carlo algorithms for Bayesian model calibration — a review and method comparison. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001708`.

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[SdlP20] Luis Sanz and Rafael Bravo de la Parra. Stochastic matrix metapopulation models with fast migration: Re-scaling survival to the fast scale. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303370`.

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[SDP21] Detong Sun, Peter H. Doering, and Edward J. Phlips. Modeling primary production: Developing the BZI model from the production–irradiance (P–I) curves. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002623`.

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[SDP23] Valerie A. Steen, Adam Duarte, and James T. Peterson. An evaluation of multistate occupancy models for estimating relative abundance and population trends. *Ecological Modelling*, 478(??):??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

URL http://www.sciencedirect.com/science/article/pii/S0304380023000315.

Sturbois:2021:ECT

[SDSP+21] A. Sturbois, M. De Cáceres, M. Sánchez-Pinillos, G. Schaal, O. Gauthier, P. Le Mao, A. Ponsero, and N. Desroy. Extending community trajectory analysis: New metrics and representation. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020304646.

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[SE20a] Christian Salas-Eljatib. Corrigendum to "Height growth–rate at a given height: a mathematical perspective for forest productivity". Ecological Modelling **431** (2020) 109198. *Ecological Modelling*, 438(??):??, December 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020303811.

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[SE20b] Christian Salas-Eljatib. Height growth–rate at a given height: a mathematical perspective for forest productivity. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020302684.

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[SE21] Abhyudai Singh and Brooks Emerick. Generalized stability conditions for host–parasitoid population dynamics: Implications for biological control. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002167.

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[SE22] Abhyudai Singh and Brooks Emerick. Coexistence conditions in generalized discrete-time models of insect population dynamics. *Ecological Modelling*, 474(??):??, December

2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002496`.

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[SFGB23] Ueli Schmid, Monika Frehner, Jonas Glatthorn, and Harald Bugmann. `ProForM`: a simulation model for the management of mountain protection forests. *Ecological Modelling*, 478(??): ??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300025X`.

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[SG20] Ryan Scott and Robin Gras. A simulation study shows impacts of genetic diversity on establishment success of digital invaders in heterogeneous environments. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302441`.

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[SGA22] Phoebe Smith, Chris Guiver, and Ben Adams. Quantifying the per-capita contribution of all components of a migratory cycle: a modelling framework. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002200165X`.

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[SGB+24a] Diariétou Sambakhé, Eric Gozé, Jean-Noël Bacro, Michael Dingkuhn, Myriam Adam, Malick Ndiaye, Bertrand Muller, and Lauriane Rouan. Ideotype map research based on a crop model in the context of a climatic gradient. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002400228X`.

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[SGB+24b] Maxence Soubeyrand, Fabio Gennaretti, Marie-Hélène Brice, Pierre Grondin, Yves Bergeron, and Philippe Marchand. In-

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Segurado:2022:SGC

[SGCFB22] Pedro Segurado, Cayetano Gutiérrez-Cánovas, Teresa Ferreira, and Paulo Branco. Stressor gradient coverage affects interaction identification. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001946`.

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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`.

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

Stankova:2024:PEM

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

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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

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Sorel:2024:UFP

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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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[SKW23] Alois Simon, Klaus Katzensteiner, and Gudrun Wallentin. The integration of hierarchical levels of scale in tree species

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

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

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

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[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.

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[SNM+23] Gabriela Cristina Costa Silva, Júlio César Lima Neves, Gustavo Eduardo Marcatti, Carlos Pedro Boechat Soares, Natalino Calegario, Carlos Alberto Araújo Júnior, Duberlí Geomar Elera Gonzáles, José Marinaldo Gleriani, Daniel Henrique Breda Binoti, Haroldo Nogueira de Paiva, and Helio Garcia Leite. Improving 3-PG calibration and parameterization using artificial neural networks. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000297.

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

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[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`.

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

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[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),

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

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[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`.

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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

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[VLGG+20] Celeste T. Venolia, Romain Lavaud, Lindsay A. Green-Gavrielidis, Carol Thornber, and Austin T. Humphries. Modeling the growth of sugar kelp (*Saccharina latissima*) in aquaculture systems using dynamic energy budget theory. *Ecological Modelling*, 430(??):??, August 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020302222.

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[VMG+24] Andrea Viñuales, Fernando Montes, Mercedes Guijarro, Cristina Gómez, Ignacio de la Calle, and Javier Madri-

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