# 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]. $_{\text{yield}}$ [FCT+25]. $a$ [LKP+20, WCSX22]. $\epsilon$ [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]. **2025** [Ano25a, Ano25i, Ano25j, Ano25k, Ano25l, Ano25m]. **21st** [YCK20]. **239** [DMdR24]. **283** [Ano25h].

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

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

**78** [Ano25h].

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

**ABACUS** [ACZ+21]. **abalone** [DLZ+21]. **Abatus** [APGD+21]. **Abies** [SKW23, WYBX23]. **Ability** [EHS+20, ACM24]. **abiotic** [DAB+20]. **above** [MK21]. **aboveground** [DHY+25, HCL+24, HLH+21, MMdP+21]. **absence** [CIL+20]. **absences** [BMG24, FSY22]. **abstract** [SvV21]. **abundance** [CDJ+22, CPTD22, FGM+24, GNH+24, HLZ+22, KLNMG22, PSM22, RRL+25, SWF21, SDP23, WWP20, YCI20]. **academia** [MWB+24]. **Acadian** [SLLW21]. **Acari** [AFdSM23]. **accelerate** [SGB+24b, VBB+24]. **accelerated** [ABH+20]. **acceleration** [KDC+21]. **accelerometers** [DBH+22]. **access** [PF23]. **accessibility** [HBLC+25]. **acclimation** [TMNA20]. **according** [MOS21]. **Accounting** [JS22, MZX25, BARF20, BDA+20, CAS+24, DS24, HGBK23, JJN22, MBFS21, NND+22, SCG+24]. **accretion** [BMAME+23]. **accumulated** [SSM24]. **accumulation**

[BMAME+23, BRBT22, CJM+23, JMPB24, SLHB+23]. **Accuracy** [Pie23, ALJ+22, BBIP24, GWH20, MVAD20, WHdBB21, YCI20, vSS24]. **accurate** [XS25]. **accurately** [GSMD24]. **achieve** [VRW+21]. **acid** [BPL+20, WLQ+23]. **acidification** [RRCZ20, SL24]. **acoustic** [GSH+22, LDR+20, PDD+22]. **acquisition** [RRP+23, SMMT25]. **acronyms** [MWB+24]. **across** [ATP20, ASL+20, BC25, CKK+24c, EBH+25, EHS+20, EVT+21, FGC24, FCL+25, GSSC25, GCS+21, LMD+25a, LMW+23a, LPHO+20, MKS21, MF20, RFJ+22, RGH+25, RLS+24, YYS+22]. **action** [SRÁMH+20]. **active** [FCT+25, dRMJdS23, VMM+21]. **activities** [BMB24b, MNMN25]. **activity** [ABH+20, CDB+20, HLGF24]. **acuminata** [PCN+23]. **acute** [MMS+24]. **adapt** [CN20]. **Adaptability** [KHS+23]. **adaptation** [GHK23, MPA+24, RMK21]. **Adaptations** [Koo24b, PPJN25]. **Adapting** [CMGD+22, ERP21, OTR+21]. **Adaptive** [JST+22, AVP+23, ASKR24, BMB24b, JDJV25, RHP+24, SLC+23, SGPSzC22, SC24b, WGBW25]. **adapts** [MFK+25]. **add** [MDB+24a]. **adding** [MVAD20]. **Addition** [KKF+23, SMM+22, ZMF+20]. **additive** [CIL+20, KWC24, MEPJ21, UGSG24, WSL+22]. **Addressing** [PPJN25, RAC+24, AAR23]. **adjacent** [CAFT22]. **adjusted** [ALJ+22]. **adjusting** [TBZ+22]. **ADM1** [PFM+21]. **Administrative** [BM22a]. **Adoption** [MWB+24]. **adsorption** [JLZ+25, MTT22]. **adults** [AJJ24]. **Advanced** [ASB25, COJ23, KHS+23, LE23]. **Advancing** [KAT+22]. **advantage** [WZLC24]. **Advantages** [CRP+25]. **advection** [FMRMAS24]. **advice** [Mau24]. **Aedes** [ABZ22, HLB+20, VMM+21]. **aerial** [DP20]. **aestivum** [GGS+22]. **affect** [CLPZ20, CMRF+24, GMM+24, JC25, MJS24, PNGESS21, PCL24, QXZ+25, RGH+25, VSB22]. **affected** [LSS+21, PAPŁ+23]. **affecting** [FM24, LDXJ22, SOP22, YG21, ZYM+21]. **affects** [AHH22, Che22, GZW+20, LS25, SGCFB22, WZWF20]. **affordability** [ZHC23]. **Afforestation** [WXT+20, MTBB22]. **Africa** [COS23, LAK+23, MDB+20, RMD+24a, RMD+24b, UCM+25]. **African** [DDG+21, MTW+22, MD23, 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, PPJN25, AGS+21, AGS+22, ASKR24, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, FGC24, GBC+25, HBC+22, JBF22, KdRW25, KE24, KS22, LTR+24, LE23, LL22, LZW20, LCX+25, MSLMM22, PBS21, POWS24, RSS24, STQ+22, SJA+22, SLM24, TLL+23, VVH+20, WLY+23, WGBW25, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agent-** [VVH+20]. **Agent-Based** [PPJN25, BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, AGS+21, AGS+22, ASKR24, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, FGC24,

GBC+25, HBC+22, KdRW25, KE24, KS22, LTR+24, LE23, LL22, LZW20, LCX+25, MSLMM22, PBS21, POWS24, RSS24, STQ+22, SJA+22, SLM24, TLL+23, WGBW25, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agents** [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** [LGC+25, LMW+23b, WA20]. **alba** [SKW23]. **albacares** [DPC20]. **albopictus** [ABZ22, HLB+20, VMM+21]. **album** [GRAA22]. **Alces** [KAMS22]. **Aleppo** [BAZ22]. **Alewife** [NGA+20]. **algae** [KNP+21, KBAC20]. **Algal** [XZZ+22, AWW24, BS21, CMKF22, CLH23, DVVH21, KDH+21, KSJ22, OLM+24, PTG+20, RFPRC23, ZGG22, ZWZ+20]. **algorithm** [Gat21]. **algorithmic** [dSMPA+22]. **algorithms** [CAK+24, NCB25, SDH21, Woo24, ZMF+20]. **alien** [SBS+20, SBS+21]. **Allee** [VBH20]. **alleviating** [MPA+24]. **allocation** [ABRG21, nCLpW+23, LBS20, NAM22]. **Allometric** [KKH+24]. **Allometry** [Abe20]. **Allosaurus** [KHR23, PR23]. **Alluvial** [WWF+23]. **along** [BMS+20, HK23, Lef23, LBGD21, LM21, NSS+23, OMP+23, PA20, SGTS21, SGTS23, WJ24]. **Alosa** [NGA+20]. **alpine** [ALS+21, LGK+23, LGFT+20]. **Alps** [ELM+25]. **alter** [PTD+23]. **altered** [CWY+24, GRCSA+20, KNP+21, LM21]. **alternative** [JvVvHH24, PTBFP+20, SD24]. **alternatives** [Koo20b, TMM25]. **altissima** [dOPdMdS+21]. **Altitude** [ZJX+25]. **altitudinal** [ZLL+23]. **altricial** [CC20]. **always** [GAC+21, Pér24]. **Amazon** [ACD+24, dOPdMdS+21, RFF+23]. **Amazonia** [JMC+22]. **Amazonian** [RRP+23]. **Ambient** [XWZ+22]. **Amblyseius** [TCG+20]. **America** [BC25, PMB+22]. **American** [ARSC22, BHC22, CGC+25, HBMR24]. **americanus** [BHC22]. **ammonia** [SWW+25]. **Ammospiza** [HBP+21]. **ammunition** [MSD25]. **amnesic** [LPRB+25]. **among** [ABM20, CGZ24, CKK+24a, LLZM20, Oku21, RBGB23, vdMYvdW24]. **Amount** [MLV24, DL21]. **Ampelisca** [DZBB24]. **Amphipoda** [DZBB24]. **amplification** [CLHZ22]. **anadromous** [DSHB23, WDP24]. **analogues** [PR21]. **Analyses**

[DVPPMV+24, BGCJ21, CLZ25, HKG+24, LSB+25, MBG+22, SC21]. **analysing** [HHFB23, Jag20]. **Analysis** [AP22, BDP+23, CP20, FEP25, HHB+24, RUTY23, USA21, WF24, WAHA+24, AG22, ADSvdZS25, AHO+20, AAC20, BPB+20, BCW+23, BBSHC22, BLSR+20, CFC25, CLOFD+25, CWF+21, CEB+24, CGVC21, DPA21, DS24, ESCA22, EGAS23, ENARM+23, FEPR24, GRGV25, HRW+24, HCL+24, HEL+21, HHR+25, HLM+20, IA23, JGG23, JLLS23, KT22, KKF+23, KHS+23, KUK+21, LL22, LLZM20, LDZ21, LZL22, LHJ+24, LCX+25, LM23, LLW+21, LAC+24, MFZ23, MA25, MPC+22, MNMN25, MMRBLN20, MLV24, MDGA25, NGA+24, NDNN22, NPS+23, OFH+20, OLM+24, PK23, PMZ+21, PDW23, PFM+21, PHK23, PPSS22, QS23, RGB+23, SQDM21, SDSP+21, TGB+23, TK20a, TQM+24, TK20b, WWC+22, WSHZ24, WFW+24, WDP24, WCF+22, Yao21, ZMK+22, ZWL+21, ZZWF21, dGZHCA24, vDC20, BTC+22]. **Analytical** [CLH23, JZHT23, Ano25h, Coo95, Mas23, NND+22, UGSG24]. **Analyzing** [Pal24, RBEC21, SGPSzC22]. **Angelica** [ZWL+21]. **angle** [BLvG+25]. **Animal** [RLS+24, ABB23, Ano20-50, AARS23, BLB24b, BVR+20, BTC+22, CDNN+20, DBH+22, JGG23, JVGC21, KLA+20, KHH+22, KHH+24, KLNMG22, MSG23, MKS21, WMA21, dKS22]. **animal-borne** [DBH+22]. **Animal-vectored** [RLS+24]. **animals** [HI22]. **ANN** [LNK+21]. **Announcing** [Fat21]. **annual** [HH23, RLM23]. **answer** [CBSB23]. **antagonistic** [LBL22, YL22]. **Antarctic** [BMB21, GSM+20]. **anthesis** [KFM+23]. **Anthropocene** [SMP20]. **anthropogenic** [MCMP+24, MFH+22, MAB23, SGRDA+24]. **antipatharian** [MTL+23]. **Antipathella** [MTL+23]. **anuran** [RGW+25]. **Aotearoa** [SBR+25]. **Aotearoa-New** [SBR+25]. **APEX** [AJG22b, PR21, AJG22a]. **APEXgraze** [MNMN25]. **aphid** [AA25, BPW+21, SRM+24]. **aphids** [Hop23]. **Apis** [JSL+20, LBT+22]. **Apostle** [SOV21]. **App** [dSMPA+22]. **Appalachians** [SWW+25]. **appearance** [PTF23]. **Application** [AG22, BGA+23, BEH+25a, CMGD+22, CJM+23, DMG22, JB22, LCP+20, MDB+20, RWF22, RFCEL22, RFPRC23, 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, BEH+25b, DYMD22, MTP+20]. **Applications** [MLD+23, BAR20, BOVVM25, DGSM21, GRS+20, KCP+23, Laz23, MDB24b, MBMV20, PMMTF+24, PPSS22, RAC+24, YRK+20]. **applied** [BM22b, BRNOJ25, CAS+24, KABL21, NMGFOB21, TFH+25]. **apply** [CXZ+23]. **applying** [BVR+20, RAB21]. **Approach** [JZS+21, LB21, AZBdAI23, BdCCdSAdS23, BCM25, 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, LBSR25, LTR+24, LBL+24, LG20, LL22, LL21, LLB+23, Lov24, ŁJ21, LYM+23, dSMPA+22, MDP21, MSS+25, MBP+25, MTBB22, MVC+22, MSS24, Mur24, MKB+24,

NA22, NAM22, RK20, RBMRR20, RLdM20, SBS+21, SRÁMH+20, SLYL+20, SCB+20, SRTS20, SWF21, ST24, SWW+23, SKH+20, SZL+20, TPD+24, TSdOCV21, TSBE23, WST+23, WBD+22b, ZJEG24, dGZHCA24, dAWG23].
**approaches** [DTR+22, HPMB20, LBB20, RBEH21, XS25]. **approaching** [PDG+20]. **appropriate** [Mas23, RMS24]. **Approximate** [BSR+23, NCB25]. **approximation** [WSL+22]. **April** [Ano20a, Ano20m, Ano21a, Ano21m, Ano22a, Ano23a, Ano24a, Ano25a]. **APSIM** [CHR+23, EHS+20, HRW+24, OHH+21]. **APSIM-Potato** [OHH+21]. **APSIM-wheat** [HRW+24]. **Apulia** [GSC+23]. **AquaCrop** [PAdS+24]. **Aquaculture** [VLGG+20, FMH+20, GLA+20, HLS+23, HK23, LJvdM24, LUV+23, LLC+24a, WT20, YRK+20]. **aquatic** [ADR21, DK22, JLL+24, KE24, LYC+21, NKT+20, OKS+21, QYW+25, RBEH21, SKH+20, TGS+25, Yao21]. **aquatic-terrestrial** [OKS+21]. **AQUATOX** [YLL+25]. **aqueous** [MTT22]. **arable** [HSP+22]. **arboviral** [LDS+23]. **archipelagos** [RMV+24]. **architectures** [WrJP+22]. **archival** [HBMR24]. **Arctic** [DSHB23, JOE23, TLL+23]. **ArcticDEM** [LGC+25]. **Arctodiaptomus** [TBP+23]. **Area** [DMdR24, WXT+20, XWX+24, AFdSM23, BBCD23, DHW+20, DHY+25, GJC+20, HKSM23, HH23, IA23, JS22, JHL23, LLW+21, MZLRSZ21, OBFH22, RPT21, SBF+21, SRK+20, ST24, VPV21, WWC+22, ZLZ+24, MTP+20, RGD20]. **areas** [AXMJ22, ALS+21, GSSC25, GCS+21, JLZ+25, KT22, MSS+25, MRR+20, PDW+24, PWN+24, PAS+22, RBLS23, RFdL+24, RRFLV+22, SZPW23, VRW+21, WLL+24, ZBW+24]. **Argentina** [AZMD+22, FGC24]. **Argentinean** [BAZ22]. **arguments** [AAM+22]. **arid** [BLAA25, FS22, GLK+22, GLP+25, LZF+24, LHJ+24, LCH+25, MPSS24, NWO21, PAPRMALO25, PAdS+24, RSASP22, RS23, WXX+23, WFW+24]. **aridity** [HH23]. **arise** [CR24]. **arising** [AP22]. **armed** [Gat21]. **aromatic** [ZYZ22]. **arrangement** [CGB+23]. **arrangements** [PAdS+24]. **arrays** [PDD+22]. **Arrhenius** [MBMV20]. **Artemia** [KDC+21]. **Artemisia** [SZL+21]. **arthropod** [VMM+21]. **arthropods** [ZBW+24]. **article** [Fat21]. **artificial** [Ale25, BSPT23a, BSPT23b, BLB+20, DLY+22, MS20, SNM+23]. **ascendency** [LZSQ20]. **asexual** [WWW25]. **Asia** [SKPL24, ZLLZ24, ZFC+23]. **asiaeorientalis** [DZC+23a, DZC+23b]. **Asian** [DWZ+25, NO24, RHN+25]. **Assembling** [CdCAC+20]. **assembly** [QZSV21]. **assess** [CMS+21, FDSM20, JSL+20, KLL+24, LGFT+20, RRFLV+22]. **assessed** [BPL+20]. **Assessing** [BARF20, CHR+23, CLW23, GSA24, HHBF24, HBJ25, JPMA+23, LLB+23, LHJ+24, OHH+21, PMMTF+24, PR22, RMV+24, SCB+20, TMFV22, TCS21, WA20, WWCT24, CC23, DBK20, DBDR22, JLZ+25, JSD+22, LTR+24, MGK+23, MM21, ZOJ+23]. **Assessment** [BZZT22, GRCSA+20, ILLM20, ACD+24, AFG24, ACZ+21, BM22b, BLAA25, DIS23, EOÖ21, For24, FLG+23, GMM+24, HCL+24, HMLZ24, KBSS23, LBI+20, LGK+23, LLW+21, LCMB21, MDBvdBB24, MPC+22, MBFS21, MFH+22, MSS24, OZSU22, PBF+23, RSASP22, RBLS23, RS23,

RFHR23, SLY+21, 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]. **asymptomatic** [CZY+25]. **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, WZT+25]. **attention** [PDW23]. **attentional** [vWVH20]. **attenuation** [SBWB24]. **Attractor** [DAC+25]. **attributes** [CMRF+24]. **Attributing** [SNN24]. **audience** [CVTS20a, CVTS20b]. **augmentation** [RMA+24]. **augmented** [LAK20]. **August** [Ano20b, Ano20n, Ano21b, Ano21n, Ano22b, Ano23b, Ano24b]. **Aurelia** [SFFL25, WWW25, YSFX23]. **aurita** [SFFL25, WWW25, YSFX23]. **Australia** [CH22, FEPR24, YKZ+23]. **australis** [YXY+20]. **author** [CYP+20]. **autochthonous** [LDS+23]. **autocorrelated** [DMM+23]. **Autocorrelation** [MOG+25]. **automata** [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** [LKB+25, WSN+21]. **Avicennia** [LK20]. **avifauna** [ADR21]. **avoid** [Koo24a, Uch23]. **avoidance** [CLH23, PF23]. **Avoiding** [CRF24].

**B** [DWH+21]. **Bacillus** [LB24]. **backed** [CRP+25, vdMvDSL20]. **Background** [SC24a, RPT21, SBMG24, WSM24, XWZ+22]. **Bacteria** [BMBB24]. **bacterial** [HHZB24, ZL24]. **bacterium** [LPSF24]. **Baetidae** [KFJS20]. **baited** [KCHZ21]. **Baiyangdian** [ZYZ22]. **balance** [HBLC+25, 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]. **bare** [DHY+25]. **Barents** [NHGP23]. **bargaining** [SACE+20]. **bark** [PKKT+24]. **barnyardgrass** [MVC+22]. **Barrier** [ABR24, IA23]. **Barro** [FG21]. **Based** [LB21, Por21, PPJN25, ASHK22, AADHA+23, AZLPGE+24, Ale25, AAM+22, ADSvdZS25, 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, BLAA25, BAM23, BM21, BTC+22, CZY+25, CMHZ23, CXZ+23, CVTS20a, CVTS20b, CDB+20, CAK+24, CDNN+20, CNNS+21, CEB+24, CGVC21, CPTD22, CSB22, CSMP21, CLG20, DAGR25, DK22, DPA21, DSC+21, DDG+21, DBN+22, DAB+20, DWG22, DAC+25, DWH+21, ESCA22, EWE20, EBMK20, EV22, EL22, ENARM+23, FNA+25, FGC24, FCT+25, GSA24, GGMR20, GRCSA+20, GBC+25, GSRB22, HBMR24,

HLB+20, HKG+24, HBC+22, HYY+24, HLGF24, HEL+21, HGBK23, HBRK24, HCPG20, HFP20, HFP22, JvVvHH24, JHL23, KFM+23, KCP+23, KdRW25, KE24, KLL+24, KS22, Koo24a, KWG+23, KTB+21, KLPJ24, KUK+21, LBSR25, LTR+24, LGFT+20, LBL+24, LE23, LL22, LZSQ20].
**based** [LBI+20, LDZ21, LJP+22, LYL+24a, LQH24, LZW20, LCW+21, LCX+25, Lov24, LLW+21, LYL+24b, MFZ23, MSG21a, MSG23, MKS21, MSML24, MDT+23, MCMP+24, MRR+20, MLJ+23, Mea20, MSLMM22, MTZA23, MMMS23, MPCG21, MM21, Mur24, NWO21, NO23, NS20, NMC+20, NLMM23, OKS+21, PR21, PDW23, PDW+24, PFM+21, PAS23, PAPRMALO25, PBS21, PDD+22, Pér24, PMP+21, PM22, POWS24, QYW+25, RSS24, RPG20, RTB+24, RHP+24, RFJ+22, RBMRR20, RGH+25, RFdL+24, RRFLV+22, SGB+24a, STQ+22, SJA+22, SD24, SLY+21, SWHZ22, SLM24, SBR+25, 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, WGBW25, WYBX23, WBD+22a, WWF+23, WKL+21, WJ24, WrJP+22, WLSJ24, XLM+23, XHS+24, XHZ25, YLL+25, YCZ+25, YDLT24, ZMG+21, ZMS20, ZOJ+23, ZYZ22, ZZWF21].
**based** [ZPZ+22, ZHJQ23, ZZQ23, ZL24, BdBG+21b, RRSG21, ZYM+21, Mea20].
**baseline** [ABB23]. **BASGRA_N** [HCP+20]. **Basin** [CWY+24, MHSZ25, TGRM23, nCLpW+23, RSASP22, SD24, XHS+24, ZGMFESD23, BSB+24, DBD+25, LUT+24, MP23, XHS+24]. **basis** [JZS+21, KLA+20]. **bass** [LBI+20, WBW+20, WBD+22a]. **bat** [PM22]. **bathypelagic** [CGRR+24]. **battle** [MKN23]. **Bay** [HLS+23, LUV+23, SZL+20, DHW+20, DEMJ24, FMH+20, HML+22, HSD+21, PHK23, WBS+24, dGZHCA24]. **Bayesian** [BSR+23, NCB25, GZK+20, BRSW24, CB20, DSP+25, GML+20, HZ22, HEL+21, KDH+21, MKB+24, RMA+24, SDH21, TDI+20, VSS+22, WGFS24, WSL+22, WBD+22b, ZWL+21, ZS20]. **bayesian-network** [GZK+20]. **bays** [BRBT22]. **be** [BEH+25a, BEH+25b, dTCGF+24, ECD+24, FSY22, MGF25, vdMYvdW24].
**beachrock** [SGP+20]. **bear** [CLW23, GCS+21, LGC+25]. **Beaufort** [LGC+25]. **beaver** [TZC25]. **bee** [BSR+23, CSCT23, HCL+22, LBT+22]. **beech** [LhNA+21, LhNA+22, SKW23]. **beehive** [RMCCB24]. **bees** [WOOS24]. **beet** [AAM+22]. **beetle** [BL25, 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, LMD+25b, MBB20]. **behaviors** [CAH22, GSH+22, YDLT24]. **behaviour** [ASKR24, LHDBN20, MMN+25, ZRB+25, dAWG23]. **behavioural** [HBMR24, JPMA+23, JRD+22]. **behaviours** [JVGC21]. **behind** [DPC20]. **Beibu** [ZHJQ23]. **Beijing** [CFC25, LZF21, LW23]. **being** [GMS+23, HL23, YPS+21]. **below** [MK21]. **belowground** [BPN+20]. **Belt** [LMW+23a]. **beluga** [MCB+23]. **Benchmark** [FHP+22]. **Benchmarking**

[UGSG24]. **beneficial** [XHZH24]. **benefits** [CTL22, RGH+25, SWL+23]. **Bengal** [SD24]. **Benthic** [WLLW20, BAAN24, SBS+21, SINS22, TRMB20]. **Benthic-pelagic** [WLLW20, SINS22]. **bentho** [NT23]. **bentho-pelagic** [NT23]. **bergianus** [MA25]. **Bering** [OCT+23]. **Bernard** [PVS+21]. **Bertalanffy** [LK24a]. **best** [BM22b, CSMP21, VPV21]. **better** [BLvG+25, DAQ20, HKY24, JJN22, MJdORPG23]. **Betula** [BP25]. **between** [ABZ22, AS22, AM21, BLB+24a, BAR20, BBIP24, BLB+20, BG22, CWY+24, CMKF22, CZ21, CLY+23, CL24, CMA23, DYMD22, DSC+21, GVG+23, GSM+20, HWJ+25, KKP+21, LRA+20, LZL23, LK24b, LGA+21, MYACC22, MFPIBGES23, MPMT23, MGWG22, PMMTF+24, PWN+24, PPSS22, RSS24, RUTY23, RP22, RMD+24a, RMD+24b, SLLW21, TLL+23, Vas20, WZHP21, WLL+24, WAG25, YZZF22, YD20, ZMK+22, ZSS21, ZJX+25, dKS22]. **between-individual** [PMMTF+24]. **Beyond** [MWB+24, MBMV20]. **BGC** [CAK+24, SNP+23]. **Bhutan** [CNSK21]. **bias** [AJJ24, RGD+22]. **biased** [AP22, BLP20, BBIP24, JMM+20, RSC+24]. **bibliographic** [DK22]. **Bifurcation** [SQDM21, NDNN22]. **bighorn** [DGSM21]. **Bilberry** [ML20]. **BiLSTM** [XHZ25]. **bimodal** [GDC24]. **bio** [ACFM22, TMFV22]. **bio-energetic** [TMFV22]. **bio-geochemical** [ACFM22]. **bioaccumulation** [GMM20, MLP+20, MPL+20]. **bioactive** [LBI+20]. **BioBaM** [KMH+21]. **BioBaM-GHG** [KMH+21]. **biocalcification** [SL24]. **biochar** [SMM+22]. **bioclimatic** [ALJ+22, BRC+21]. **biocontrol** [ABC+22, CH22, JBF22, dAWG23]. **biodiverse** [WGMR23]. **biodiversity** [APT24, BRC+21, BSM23, CBW22, DSC+21, DWG22, DLT+22, EBH+25, GAM20, GHB+25, LG20, MPMT23, MPC+22, MAGR+22, MGdM+20, MBD+22, MPA+24, PBF+23, PNGESS21, TCS21]. **biodiversity-ecosystem** [MPC+22]. **Bioeconomic** [PHK23]. **Bioenergetic** [NFLvdM24, LLB+23]. **bioenergetics** [DHW+20, HMVR21, HML+22, MFF+24, PMMTF+24, SZKLL24, WAG25]. **bioenergy** [ESCA22, LG20, MEGA21]. **bioenergy-driven** [LG20]. **Biogeochemical** [CL24, SMP20, BPL+20, DMdR24, ESZ+23, GNH+24, GGE+23, JLL+24, MDB+24a, NBML21, SGTS21, SGTS23, Tsy22]. **biogeochemical-oyster-filtration** [GNH+24]. **biogeographic** [MOG+25]. **biogeography** [ERP21]. **biogeomorphology** [ZZG+24]. **Biological** [BMRF21, BCGR25, BPW+21, BMG24, CC23, CXZ+23, FMH+20, KCP+23, LRA+20, LAC+24, MB25, MBR+23, MBMV20, SvV21, SE21, TCG+20, XLS20, XGT+24]. **biomass** [ABRG21, AG22, AKY+22, ACZ+21, CJM+23, DBV+22, DHY+25, DS24, ERP21, GSR+23, HCL+24, HLH+21, KHH+22, KHH+24, KLPJ24, LYC+21, LCLG20, LSK24, LUT+24, MMdP+21, MBS22, NK23, RWF22, SRB+20, WHL+23, ZZŠ+22]. **biomathematical** [CLOFD+25]. **biome** [DDDC21, SNP+23]. **biome-BGC** [SNP+23]. **biophysical** [GML+20, HZ22, MTW+22, RMV+24, TK20b]. **biophysics** [RFHR23]. **biorefinery** [CAS+24]. **bioremediation** [GLA+20]. **biosphere** [FMSR20]. **biotic** [BLA+24, DAB+20, GSJC22, HBLC+25, OMP+23]. **biovolume** [DAQ20]. **biphasic** [CMG20]. **biphenyls** [PKW+25, YLL+25].

**birch** [BP25]. **bird** [ASL+20, CPTD22, WWCT24, YDLT24]. **birds** [CC20, GAC+21, LKB+25, OEC24]. **birth** [NTHC23]. **Biscay** [DHW+20, dGZHCA24]. **bivalve** [FMH+20, HMGK20, LJvdM24, TMFV22]. **bivalves** [CMGD+22]. **bivalvia** [RMV+24]. **black** [LK20, vdMvDSL20]. **black-backed** [vdMvDSL20]. **blackspot** [DTD+23]. **blessing** [CBSB23]. **blight** [HEL+21]. **bloom** [AWW24, BS21, CR24, HMC20, KSJ22, PTG+20, SINS22, XZZ+22]. **blooms** [CMKF22, CLH23, DVVH21, ELS23, JvVvHH24, JBB+25, LWZL23, RFCEL22, RFPRC23, ZGG22, ZWZ+20]. **Blue** [TGRM23, CMFC23, NFLvdM24]. **boar** [KT22, LP22, RRFLV+22]. **Board** [Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano25b, Ano25c, Ano25d, Ano25e]. **Board** [Ano25f, Ano25g]. **bobwhite** [STW+23]. **body** [CMAG+25]. **Bogota** [RBEC21]. **Bohai** [GSJ+20, YD20]. **bollworm** [WXH+22]. **booms** [WWW25]. **boosted** [DBN+22, YCI20]. **border** [JHL23]. **boreal** [ACC+24, BWT+24, HLH+21, LPS+21, LMW+23b, ML20, MLV24, PCL24, RPB+23, SGB+24b]. **borer** [BMRF21, MBR+23]. **borer-parasitoid** [BMRF21]. **borne** [AV22, DBH+22, WGK+21]. **both** [CBSB23, WGMR23]. **botrana** [AZMD+22, AZAD+23, CdCAC+20, PSM22]. **bottom** [vdHNH+20]. **BOUKHALEF** [JB22]. **boundaries** [BMB24a, ZYK22]. **boundary** [BM22a, SvV21]. **bounds** [LKO20]. **box** [LGG+22, PGB+20, SBR20]. **box-model** [PGB+20]. **boxes** [VJK+23]. **boxwood** [LGG+22]. **bracteolatus** [dTCGF+24]. **branch** [KLS20]. **branchiopods** [Koo24b]. **Bray** [RP22]. **Brazil** [dSBDH23, GSA24, MRR+20, OBFH22, dMT23, dPGDdFS24]. **Brazilian** [BdCCdSAdS23, MMdP+21, dRMJdS23]. **breeding** [CMAG+25, CPTD22, GAC+21, KLR+24, RM20]. **Brian** [Des21]. **bridges** [GSSC25]. **Bridging** [BMS+20, CSBS21, RP22, ZJEG24]. **broad** [ASL+20, CVTS20a, CVTS20b, TLL+23]. **broad-scale** [TLL+23]. **broadleaved** [WLT+23]. **broadleaved-Korean** [WLT+23]. **broccoli** [LB24]. **brood** [CMFC23]. **brood-dependent** [CMFC23]. **brown** [LG20, NDNN22, RWF22, SYL+24]. **browsing** [BLB+24a, HBRK24]. **Brucella** [LGFT+20]. **Bt** [WXH+22, dAWG23]. **Bti** [MMS+24]. **budbreak** [KH25]. **budburst** [PGdAM+20]. **Budget** [FCP+20, GLA+20, LFN+20, VLGG+20, vdMvDSL20, BMB24b, CDB+20,

DLZ+21, HMGK20, JMHH22, KD20, Koo20b, LAK20, MKS21, Mat23, RPG20, RJY+20, RRCZ20, RGW+25, SL24, VVH+20, YRK+20, DMPP24, DPC20, KGBL24, KKM+24, LJvdM24, RLH24, SNN24]. **budget-based** [VVH+20]. **budget-individual** [CDB+20]. **Budgets** [DR25, PDG+20]. **budworm** [SCG+23, STRC24, cNKF24]. **buffered** [LSH24]. **bugs** [KGBL24]. **Building** [GZW+20, JLH+21, PDW+24, BTC+22]. **built** [AIA+23]. **Bulgaria** [SGRDA+24]. **Bumble** [CSCT23, BSR+23]. **bumblebees** [CDNN+20]. **Bunda** [MDP21]. **buoyancy** [ABR24]. **buoyancy-driven** [ABR24]. **burial** [WSZ+24]. **burned** [HH23]. **Burning** [LMW+23b]. **Bush** [MSS+25]. **Buzy** [BMB24b]. **Buzy-pop** [BMB24b]. **bycatch** [Ino22]. **BZI** [SDP21].

**C** [TSZ+24]. **C3** [Mas23]. **cactus** [PAdS+24]. **cadmium** [GMM20]. **cage** [ABC+22]. **Calanoida** [TBP+23]. **Calanus** [BVM+21]. **calculation** [RBMRR20]. **calculations** [AAM+22]. **Calgary** [MMMS23]. **calibrate** [FFM+23]. **Calibrating** [NCB25]. **Calibration** [BSR+23, PFM+21, PAdS+24, FHP+22, HEL+21, JS22, LKP+20, LPHO+20, MPL+20, OFH+20, SNM+23, SDH21, VSS+22]. **California** [LSH24, MSD25]. **Callinectes** [CMFC23]. **cambial** [ZJX+25]. **Cambodia** [TKO+22]. **camera** [HI22]. **CaMP** [BWT+24, BST+20]. **Camptotheca** [PCN+23]. **CAMPUS** [FSZ+20, FZS+20]. **CAMPUS-S** [FSZ+20, FZS+20]. **Can** [BLB+24a, GSM+20, vOVvdW23, BEH+25a, BEH+25b, CLHZ22, GMM+24, GNH+24, Haa24, KN20, KHH+22, KHH+24, LGG+22, Lef23, ŁKPK22, MGF25, MVAD20, PCL24, UM25, vdMYvdW24]. **Canada** [BWT+24, DMdR24, MPPM23, MTBB22, RPB+23, SCG+23]. **Canadian** [ACC+24, BST+20, BWT+24, YDJ+24]. **Canary** [GSSC25]. **Canis** [HKG+24]. **canopies** [PNGESS21, PMP+21, ZOJ+23]. **canopy** [CWW+23, CGVC21, HKY24, HKSM23, KBAC20, LWL24, MK21, MLJ+23, SWW+25]. **canyons** [GZW+20]. **capabilities** [GLH24, HHR+25]. **capacity** [ACD+24, HP20, MPSS24, PGB+20, TWL+22, XHZ25, YD20, ZHJQ23]. **Cape** [MDB+20, HBP+21]. **capita** [SGA22]. **capital** [BARF20, BDA+20, CMAG+25, GPN+23, TBCV22]. **capture** [DMM+23, GZW+20]. **capture-recapture** [DMM+23]. **captures** [DAC+25]. **capturing** [YYS+22]. **Carapa** [dOPdMdS+21]. **Carbon** [GZW+20, RMO22, ACC+24, AHK+25, ACFM22, AKY+22, BKTM20, BMAME+23, BST+20, BWT+24, BLB+20, BGC+24, CM21, CMHZ23, CLW+24, CSB22, CLG20, DIS23, DBV+22, EL22, EON23, FEPR24, FSZ+20, FZS+20, HLM+20, JLV+21, JMPB24, JMC+22, KKP+21, KAB+23b, Kiv24, KKPR20, LLC24b, LMW+23a, LSS+21, MHSZ25, MLD+23, MTBB22, MLV24, MSG+21b, NKT+20, PZH+21, PGSL+20, RRP+23, RFF+23, SCF+24, SPPC21, SNP+23, TMM25, WF24, WZLC24, WYBX23, XLS20, XLM+23, XHZ25, YA24, YJC+24, ZFT20]. **carbon-neutral** [EON23]. **carbon-nitrogen-water** [PGSL+20]. **carbonyl** [CWW+23]. **carcass** [CRP+25, PM22]. **careful** [BM22a]. **Caretta** [CRZ+23, II24, MZLRSZ21].

**caribou** [SDD+20]. **Carlo** [MB25, PM22, SDH21]. **carnivore** [GCB+22, PBS21]. **Carnosaurs** [PR21]. **carp** [BC25]. **carpet** [LJvdM24]. **carps** [LWE+22]. **carrying** [GJC+20, HP20, MPSS24, PGB+20, TWL+22, YD20, ZHJQ23]. **CASA** [DHY+25]. **cascade** [DYW+22, WLZ+23a]. **cascades** [BDC+22, BNN20]. **Case** [OBFH22, PPJN25, SPPC21, ZLML20, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BG22, BARF20, CFC25, CL21, CRP+25, DAGR25, ELM+25, ETAAH21, GRGHM21, GSJ+20, HNC+21, JLLS23, Kiv24, LZSQ20, LDZ21, LZF+24, LZL23, LDX+23, LZL22, LSK24, LPA+21, LYL+24b, LCMB21, MA25, MMS+24, MS20, MGF25, Men22, MVC+22, NCB25, OHH+21, OCT+23, PHK23, PSM22, PKW+25, PTNR+20, RFJ+22, RKN+21, RGD20, RAB21, SLC+23, ST24, SWP+23, SZL+20, TLH+20, VMM+21, WbM+24, WBD+22b, XWZ+22, XHS+24, XMWL23, YKZ+23, ZMK+22, ZWL+21, ZHJQ23, ZZQ23, PMP+21]. **cassava** [SYL+24]. **Catalonia** [LDS+23]. **Catastrophic** [Uch23]. **catch** [Lov24, LCMB21]. **catch-and-release** [Lov24]. **catch-at-length** [LCMB21]. **catchment** [BPL+20, COS23, ZMK+22]. **catfish** [NFLvdM24]. **cattle** [CPAT20]. **causal** [AIA+23]. **caused** [HBRK24, NH25, YB22]. **causes** [NGA+20, RM20]. **causing** [EBMK20]. **Cautions** [ZFP21]. **Cautious** [MOS21]. **cavities** [VJK+23]. **CCG** [XLM+23]. **CCG-MRIO** [XLM+23]. **Cd** [MTT22]. **cedar** [HKSM23]. **cell** [OSH+21]. **cellular** [JB22, LZW20, SLC+20, YXY+20, ZWZ+24, ZHWZ23]. **CEmCA** [MMMS23]. **Central** [RSC+21, RSC+23, BAAN24, CNNS+21, DWZ+25, 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]. **certainty** [RGH+25]. **CFD** [FEP25]. **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, UCM+25, ACC+24, BPF24, BOLC+22, BNAR+21, BAR24, COJ23, CDN+23, COS23, COPM23, CNSK21, CMS+21, DN24, EBS23, FS22, HLH+21, JLLS23, KWC24, KAPZ25, LBGD21, LSS+21, ME25, MSS+25, 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, SFFL25, TGRM23, TMNA20, TCS21, WLL+24, WSN+21]. **Channel** [DHW+20].

**channelized** [LEC+23]. **Chaos** [GZ23]. **Chaotic** [CR24, BMRF21]. **CHAPY** [OFH+20]. **char** [DSHB23]. **character** [CMA23]. **characteristics** [AAC20, DAC+25, LZF21, MFZ23, MBS22, SGH+23, TFH+25, TSZ+24]. **Characterization** [HCW+22]. **characterizations** [HMDO20]. **characterize** [OTR+21]. **Characterizing** [dAdSCA20]. **Chattonella** [SIOM24]. **cheating** [LL22]. **Chelonia** [SMV+20]. **chemical** [PDW+24]. **chemicals** [LBI+20, MDBvdBB24]. **Chenopodium** [GRAA22]. **chensiensis** [WYBX23]. **Chernobyl** [VSK+20]. **Chesapeake** [WBS+24, DEMJ24, HSD+21, PHK23]. **chicken** [FC21]. **chicks** [vdMvDSL20]. **Chile** [BAAN24, TMM25]. **chilling** [KH25]. **chimpanzees** [CDC+22]. **China** [BCW+23, CWY+24, CZY+25, COJ23, CDN+23, CL21, CMHZ23, DHY+25, DCCL24, GJC+20, GSJ+20, GLP+25, HMLZ24, HBJ25, HLH+21, HLS+23, JLLS23, KHS+23, LZSQ20, LZF+24, LZL23, LPHO+20, LZF21, LZL22, LGL+24, LYL+24b, LW23, MFZ23, MHSZ25, NLW+24, PWN+24, PZH+21, QS23, WHW+23, SWP+23, SZL+21, SRB+20, SZL+20, SML+20, TBZ+22, TLH+20, TGL+22, WWC+22, WXH+22, WLZ+23a, WZT+25, WYBX23, WLZ+23b, WLT+23, XLS20, XWZ+22, XWX+24, XHZH24, YLL+25, YLLL23, YD20, ZSS21, ZZW+22, ZBH+22, ZBW+24, ZLML20, ZXK+24]. **chinensis** [LGL+24, YRK+20]. **Chinese** [CZ21, NLW+24, ZLLZ24]. **Chinook** [BLLL21, HP20, MBB20, WDW+22]. **Chironomidae** [MMS+24]. **chlorophyll** [LKP+20, WCSX22, YYS+22]. **Chocó** [MOG+25]. **Choice** [AHH22, CSMP21, KTB+23, PMB+22]. **Chondrichthyes** [RSC+21]. **Chongqing** [JLLS23]. **chromosome** [BPB+20]. **Chronic** [HCW+22, BGK+20, BRSW24, KS22, TBM+24]. **circles** [ZHC23]. **circuit** [XHS+24]. **circulation** [KiAM+20]. **Cisco** [FM24]. **CiteSpace** [ZZWF21]. **cities** [LZF21, MKR20, NSS+23, YD20]. **citizen** [EMH+22, JMM+20, KAMS22, KRM+22, LJRM+20, ME25, SLB+23, VMH+21]. **City** [SBF+21, EON23, KBC24, RPARM20, XLM+23, ZZQ23]. **city-centric** [XLM+23]. **Cladophora** [KBAC20, KAT+22]. **Clair** [KWM+24, MSL+21]. **clarify** [ZHC23]. **class** [BSCH23]. **classification** [Lia23, PSG+22, WrJP+22]. **classified** [dVDC20]. **Clay** [KFJS20, MTT22]. **cleaner** [JMHH22, LBN+22]. **Climate** [DN24, HHI+22, KLR+24, PTD+23, QXZ+25, UCM+25, vSS24, AHH22, AMP+23, ACC+24, BPF24, BOLC+22, BS20, BNAR+21, CWY+24, CLOFD+25, COJ23, CDN+23, CNSK21, CMS+21, CN20, Dav22, DMG22, DCCL24, ELS23, ELM+25, EBS23, FCL+25, FS22, HMC20, HLH+21, JST+22, KAPZ25, KNP+21, LK20, LBGD21, MMdP+21, ME25, MSS+25, MTBB22, MLV24, MBD+22, MPA+24, MSS24, NHGP23, NYH20, OBFH22, PK23, QS23, RSASP22, RZY+25, RSC+23, RBVL+20, SCG+24, SLC+23, SCF+24, SMD+20, SGB+24b, SSB22, SGRDA+24, SMV+20, TGRM23, TCS21, TKO+22, VBB+24, WHL+23, WSHZ24, WKL+21, WLT+23, XLS20, XS25, YCK20, YLLL23, ZZŠ+22, ZRMW+20, ZXK+24]. **climate-driven** [NHGP23]. **climates** [BPW+21, Hop23, JS22, vSS24]. **Climatic** [DMdR24, CLW23, CAK+23, CAK+24, FGC24, JDJV25, LSH24, LHJ+24,

SGB+24a, TGL+22]. **climatological** [CDN+23]. **clone** [AXMJ22]. **closure** [OHR+23]. **cloud** [BOVVM25, Kiv24]. **CLUE** [COS23, KMP+23]. **CLUE-S** [KMP+23, COS23]. **clues** [BMBB24]. **CMEMS** [ACZ+21]. **CMIP5** [ZFT20]. **CNN** [XHZ25, ZHWZ23]. **CNN-GRU-BiLSTM** [XHZ25]. **CNN-LSTM** [ZHWZ23]. **co** [DAG+21, JC25, Kos22, MJS24, GAMN+23, HKSM23, KKPR20, PG23, TSZ+24, YLLL23, ZFT20]. **co-existing** [Kos22]. **co-harvest** [DAG+21]. **co-infected** [JC25]. **co-invaders** [MJS24]. **coal** [GLP+25]. **coast** [BWS+20, HMVR21, HK23, LGC+25, RKN+21]. **coastal** [BLG+25, BRBT22, CMGD+22, CL24, GMG+25, HBJ25, KPLH24, KBC24, LLB+23, MKEH20, NSS+23, OTR+21, OBFH22, PZH+21, SBF+21, SRK+20, TWL+22, Vas23, WCSX22, ZZG+24, JLL+24]. **coasts** [OTR+21]. **cod** [JOE23]. **code** [MTT22, SCC+25]. **coding** [SCC+25]. **coefficient** [MBMV20, RFdL+24]. **Coefficients** [PPSS22]. **Coexistence** [SE22, AM21, CKC20, LGG+22, Pér24, YL22]. **coextinction** [BANG20]. **coffee** [CGB+23, KTB+21]. **cognitive** [GLH24]. **cohort** [KK20]. **cohorts** [GSMD24, LSK24]. **coinfections** [SYL+24]. **colchicus** [KLPJ24]. **cold** [GSR+23, PA20]. **Coleoptera** [AJJ24]. **collaborative** [BJKT21]. **collapses** [SLC+23]. **collection** [WLL+24]. **Collective** [AZBdAI23, SLM24, WLY+23]. **Collembola** [KLL+24]. **collision** [BLB24b]. **Cololabis** [KiAM+20]. **Colombia** [RBEC21]. **colonization** [BP25, NH25, SGB+24b, SKH+20, VBB+24]. **colony** [HCL+22]. **color** [CBG+22]. **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, XS25, ZMS20, BOLC+22, LMD+25b, WWP20]. **commensal** [JBF22]. **Comment** [CYP+20]. **Comments** [CCJK+20]. **commercial** [VRRI+24, WBW+20]. **commercialization** [MLD+23]. **common** [CDB+20, MHP+23, MLP+20, MPL+20, YXY+20, GXZ+24]. **commonly** [TGS+25]. **commons** [AZBdAI23]. **communal** [MSS+25]. **communis** [CLOFD+25]. **communities** [CDJ+22, CSMP21, JRD+22, KCS22, LBL+24, PBF+23, YL22]. **Community** [NH25, 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, MA25, MDGA25, TQM+24, ZMK+22]. **compare** [BAAN24, CAB+21]. **Comparing** [ALK20, BRSW24, CKC+24, CKC+25, SRTS20, TGS+25, WHL+23, WSL+22, WT20, GAM20, LAC+24]. **Comparison** [CMHZ23, DWZ+25, GLK+22, PCN+23, ZMF+20, LZL22, LPRB+25, PTF23, RSWS23, SDH21, TSdOCV21, WGAH22]. **compartment** [KWG+22a]. **compatibility** [AVP+23]. **compensation** [BANG20].

**Competing** [PBH22]. **Competition** [BdSG+23, CMA23, GHMGBGCL24, AM21, BLB+24a, BPN+20, Loe25, NH25, NMGFOB21, Pre22, RPG20, RMK21, WOOS24, WSN+21, YB22]. **Competitive** [GSRB22, MYH+20]. **competitor** [WAG25]. **complex** [AGS+21, AGS+22, AIA+23, ACM24, BP21, BNN20, BLSR+20, CGVC21, EHS+20, JLL+24, KCS22, KLH+24, Kle23, LSB+25, MDGA25, NK23, POWS24, RBMRR20, SGPSzC22, SCF+24, SLLW21, SBR20, TK20b, WGBW25, XHS+24]. **complexity** [BLG+25, BA20, ESZ+23, GPN+23, HBLC+25, RSS24, SBS+21, SC24a, VRS20, WLWL23, WTT+21]. **complexity-stability** [WLWL23]. **components** [SGA22]. **Composing** [Kle23]. **composition** [BPF24, EBH+25, HES+20, HES+23, HLH+21, SHT21, WLT+23]. **compost** [SSJC23]. **compost-derived** [SSJC23]. **Comprehensive** [CLY+23, CMHZ23, KAB23a, Mau24, WAHA+24]. **Computation** [BSR+23, NCB25]. **Computational** [ACD+24, Laz23, AA25, CMS+21, ESZ+23, MDP21, GCSlR22]. **Computer** [MTT22, CGVC21]. **computing** [DRZ+24, GSJC22]. **concentration** [BH20, KDC+21, TSZ+24, WLL+24]. **concentrations** [EOÖ21]. **concentric** [ZHC23]. **concept** [BWCD23, BRBT22, DP20, Gon23, MDB24b, SBM+22, ZHC23]. **Conceptual** [AAR23, AMK21, AZALP+24, BA20, CSBS21, GSMD24]. **conceptualization** [PGP+22]. **Concerns** [RFHR23]. **concinna** [GSM+20]. **conclusions** [ML20]. **concolor** [CB20]. **concurrently** [WXH+22]. **condition** [CGB+23, LHJ+24, LCH+25]. **conditional** [RFPRC23]. **conditions** [AZMD+22, AS22, AA25, APGD+21, CLOFD+25, GGMR20, HHB+24, KCHZ21, LBSR25, LDXJ22, LUT+24, MLP+20, MPL+20, PYD+21a, PYD+21b, SE21, SE22, SBWB24, TGL+22, WSHZ24, WBD+22b]. **condor** [MSD25]. **conductance** [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, CLZ25, 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, ASB25, BMS+20, BWCD23, CXZ+23, CAH22, DSC+21, DAN+25, DWG22, EBH+25, GHbS21, HMGK20, HPMB20, LRA+20, MA25, MS23, MGdM+20, RHN+25, RBLS23, RSC+23, RBEC21, RAC+24, SACE+20, TCS21, VBH20, WGMR23, WWCT24, ZYK22]. **Conserving** [XCH+21, ME25]. **consider** [MPL+20]. **considerations** [DMPLHGL20, WST+23]. **Considering** [OTR+21, BANG20, DYMD22, GHB+25, KH25, LZD+24, NKT+20, dAWG23]. **Consistence** [YZZF22]. **consistency** [SBFBDM24]. **consistent**

[Gri20, LPHO+20]. **consolidated** [ST24]. **conspecific** [WZHP21]. **constitutive** [BMB24b]. **constrained** [CIL+20]. **constraint** [NCB25]. **constraints** [CDJ+22, DR25, MVAD20, YEL+21]. **Constructing** [QYW+25]. **Construction** [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, BOVVM25, MGK+23, SPV+20, VMG+24]. **Context** [FEPR24, CLZ25, DGSM21, HHBF24, MLP+20, MPL+20, PGB+20, RPG20, RLH24, SGB+24a, VVH+20, VSK+20, YZZF22]. **context-dependent** [DGSM21]. **contexts** [JDJV25, KCS22, MVC+22, MPT+25]. **contiguity** [WST+23]. **continent** [WWF+23]. **continental** [RFCEL22]. **continuous** [MKB+24]. **continuum** [MT23, MF20]. **Contrasting** [JJN22, AADHA+23, EHS+20]. **contribute** [VPV21]. **contributing** [NFLvdM24, PYD+21a, PYD+21b]. **Contribution** [DHW+20, AGP20, BRNOJ25, FSZ+20, FZS+20, LHJ+24, MYH+20, SGA22, TLC+22, WLZ+23b]. **contributions** [vDC20]. **control** [AA25, BPW+21, BPB+20, BMRF21, BCMV20, CAB+21, Fer23, HZ22, HLB+20, JvVvHH24, JGM25, 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]. **Cook** [Ano25h]. **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** [BCGR25, CN20, GGMR20, XHZH24]. **cordatus** [APGD+21]. **Cordyceps** [CNSK21]. **core** [ALS+21, TLH+20]. **Coro** [CYP+20]. **Coronavirus** [Gat20, CYP+20, Cor20]. **Correcting** [BSCH23, RGD+22]. **corrections** [HGBK23, MDBvdBB24]. **correlated** [AP22, PDD+22]. **correlation** [DVPPMV+24, WZHP21]. **correlative** [HFSL+24, SACEU+21, TSdOCV21]. **corridors** [LHH+24, RHN+25]. **Corrigendum** [AJG22b, AGS+22, BdBG+21b, BS20, BEH+25a, BR25, CVTS20a, CKC+25, DZC+23a, HES+23, IBB+22, KHH+24, LhNA+22, MAW+24a, PYD+21a, RMD+24a, SE20a, SGTS23, WHE+24a]. **corroborate** [FFM+23]. **coryi** [CB20]. **cost** [CZ21, HCPG20, JDJV25, Lef23, LCX+25]. **cost-effectiveness** [HCPG20]. **cost-efficiency** [LCX+25]. **Costa** [AHO+20]. **Costing** [HPMB20]. **costs** [MJ24, NND+22, RRP+23, SMMT25]. **cotton** [GAMN+23, WXH+22]. **cotton-wheat** [GAMN+23]. **could** [VBB+24]. **count** [RCSS20]. **countries** [LMW+23a]. **counts** [AP22, WWP20]. **County**

[KT22, LYL+24b]. **Coupled** [GGE+23, MTW+22, WXT+20, CXZ+23, DVVH21, FMH+20, KCS22, LCH+25, Mas23, MTT22, PG23, SINS22, WG21, WSW23, WbM+24, WW24, ZLL+23]. **Coupling** [YHC+21, BLA+24, BLAA25, HBJ25, WLLW20, WZT+25, YXY+20, YJC+24, ZSS21, ZHWZ23, ZZG+24]. **course** [LM23]. **CoV** [CYP+20, Cor20]. **covariate** [vSS24]. **cover** [COS23, CPTD22, DCT+21, DMdR24, HAZEF23, Kiv24, LSS+21, MKB+24, SCH+21, WWC+22, YCK20]. **coverage** [SGCFB22]. **cowberry** [ML20]. **Coyote** [MMMS23]. **Cr** [MTT22]. **crab** [CMFC23, OCT+23, YFW+21]. **Cracking** [SCC+25]. **crane** [DNM+24, NBMD21]. **crassifolia** [ZJX+25]. **crassipes** [XGT+24]. **Crassostrea** [DMPP24, GNH+24]. **created** [SBS+21]. **Creating** [HHFB23, EON23]. **creative** [CEB+24]. **credibly** [Haa24]. **credit** [VBB+24]. **Creek** [KFJS20]. **Crimea** [Vas23]. **Criteria** [USA21, BLAA25, KFM+23, LAC+24, MAN+20, MSS24]. **Critical** [TA20, ABM20, MOG+25, STK+25, WCG+24]. **critically** [HMGK20]. **croaker** [RJY+20]. **Crop** [ECC+22, BLAA25, CSCT23, CJM+23, CGVC21, DCT+21, HKH+23, HBC+22, JPL21, LB24, LBT+22, LDX+23, LYM+23, MVC+22, OHH+21, POWS24, RMCCB24, RGB+23, SGB+24a, SJA+22, TGB+23, WYJ+22]. **crop-weed** [CGVC21, MVC+22]. **cropland** [GHB+25, HCX+21, ZYK22]. **croplands** [RMO22]. **cropping** [DDH+22]. **crops** [CMSD+22, CAFT22, DGVVP23, NAM22, dAWG23]. **CROPSIM** [PTF23]. **CROPSIM-CERES** [PTF23]. **Cross** [TFH+25, JHL23, MBG+22, RAC+24, WHdBB21]. **cross-border** [JHL23]. **Cross-realm** [TFH+25]. **cross-scale** [MBG+22]. **cross-sectional** [RAC+24]. **cross-validation** [WHdBB21]. **crossroad** [BAR20]. **crown** [Loe25, MAB23, dAPdBMT23]. **crown-of-thorns** [MAB23]. **Crustaceae** [BAAN24]. **cruzi** [EBMK20]. **cryptic** [BVR+20]. **Cryptolestes** [AJJ24]. **Cryptomeria** [HKSM23]. **CSCER** [PTF23]. **Cu** [MTT22]. **cucumber** [TCG+20]. **cue** [TPD+24]. **cue-based** [TPD+24]. **Culex** [FGM+24]. **culling** [CAB+21]. **culls** [Dav22]. **cultivation** [KBSS23, SSB22, Vas23]. **culture** [DAGR25, DMPLHGL20, FDSM20, SZL+20]. **cultures** [PGB+20]. **Cumulative** [TBP+23, LPL22b, 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, MRM25, RGB22]. **curves** [BBSHC22, BMG24, HLGF24, LGA+21, SDP21]. **cutaneous** [ZMG+21]. **cutting** [CSM23]. **Cuyo** [AZMD+22]. **cyanobacteria** [GSRB22, JBB+25, LCLG20, RHP+24]. **Cyanobacterial** [LWZL23, JvVvHH24, ELS23]. **cyanoFilter** [OSH+21]. **cycle** [AZAD+23, BPL+20, BP21, CFC25, EL22, HKG+24, KBSS23, LUT+24, MMS+24, NGA+20, SLYL+20, SGPSzC22, SGA22, SINS22, SFFL25, WZZF23]. **cycle-based** [EL22]. **cycles** [JBB+25, JMC+22, Koo24a, MD23]. **cycling** [BKTM20, DAGR25, DMdR24, FWK+20, KMAA23, SLB20b, SMP20].

**cytometry** [OSH+21].

**D** [Des21, CGVC21, PMP+21, PM22, VRRI+24, WSW23]. **D.** [HKSM23]. **DAESim** [TBCV22]. **daily** [WHL+23]. **dairy** [LS25, TIKM24]. **Daisyworld** [Kag25]. **dam** [SAdA+22, WLZ+23a]. **damages** [SAdA+22]. **damaskrose** [NGA+24]. **damselfish** [GGMR20]. **Daphnia** [PDH+22]. **Data** [AVRC+20, BTC+22, PPJN25, AHH22, AADHA+23, AMK21, AMP+23, ATP20, AG22, ALK20, BSS+24, BS20, BBSHC22, BVR+20, CJM+23, EMH+22, GCSlR22, GCS+21, GML+20, HLGF24, ILLM20, IBB+21, IBB+22, Jag20, JVGC21, JMM+20, KAMS22, KRM+22, KKF+23, KD20, KUK+21, LDC+20, LMD+25b, LJP+22, LGC+25, LCH+25, ŁKPK22, LAC+24, MMM+24, MRM25, NGE+21, NT23, OSH+21, OW20, PK23, PSM22, PRdN+20, PPH+21, PM22, RMS24, REGI+24, RMA+24, RGB22, RBVL+20, SSM24, SNP+23, TSdOCV21, VMH+21, ZWL+21]. **data-based** [AADHA+23]. **Data-driven** [BTC+22, CJM+23]. **data-poor** [AMP+23]. **data-scarce** [LCH+25]. **data-sparse** [AMK21]. **Database** [TK20a]. **dataset** [LJRM+20, ŁKPK22, Woo24]. **date** [DIS23, GSSC25, JPL21, TBZ+22]. **dates** [KH25]. **DayCent** [DDH+22]. **DDE** [RRB+25]. **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** [SWW+25, SPPC21]. **Decision** [LZW20, NGE+21, USA21, BLAA25, BVR+20, CMSD+22, CEB+24, For24, GZK+20, JST+22, MTW+22, MSS24, PGP+22, PBS21, RMS24, BOVVM25]. **decision-making** [BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Decision-Support** [LZW20, PGP+22]. **decisional** [Pie23]. **decisions** [APT24, CDNN+20, LE23, WDW+22, YDLT24]. **decline** [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, XHZ25]. **Deer** [HCW+22, BPF24, BLB+24a, BGK+20, KS22, TBM+24, VRW+21]. **Defaunation** [MMdP+21]. **defence** [RTH+21]. **defence-reproduction** [RTH+21]. **deficient** [CAFT22, YXH20]. **deficit** [LCH+25]. **define** [MLV24]. **defines** [ZGG22]. **Defining** [NBU+23, RFHR24]. **defoliator** [PCL24]. **Deforestation** [dSBDH23, ZZW+22]. **Deforestation-induced** [dSBDH23]. **degradation** [AMK21]. **degraded** [BWCD23, ESCA22]. **degree** [ZSS21]. **degrees** [XHZH24]. **Delaware** [KH25]. **Delay** [RCSS20, AWW24]. **delayed** [WWA+22]. **delays** [RRB+25]. **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, BEH+25a, BEH+25b, CP20, EBH+25, GMV24, MCMP+24, PSM22, RRL+25, ZOJ+23]. **demography** [JMC+22, LVM+22, PMB+22, STW+23]. **demonstrates** [ACM24, JHKT+23]. **Demystifying** [MB25]. **dengue** [ABZ22, FNA+25, KAPZ25, ZXK+24]. **denitrification** [CL24]. **Denmark** [LKB+25]. **denning** [CLW23]. **Dense** [HHI+22]. **densities** [NLW+24, RMCCB24]. **Density** [HI22, CKC20, DCCL24, PSBE23, RFPRC23, VRW+21, WRC21, dVDC20]. **density-dependent** [PSBE23, dVDC20]. **density-size** [DCCL24]. **dependence** [WRC21]. **dependency** [FEPR24]. **dependent** [BHC22, BC25, CMFC23, CTL22, DGSM21, HML+22, KRMP23, MGWG22, NGE+21, PWN+24, PSBE23, PGdAM+20, RMCCB24, RWF22, YB22, ZSS20, dVDC20]. **depending** [GNH+24]. **depends** [MWB+24]. **depensation** [MOG+25]. **depletion** [BRAL23]. **deposition** [BPL+20, RLdM20]. **depredation** [CDT+23]. **depredation-impacted** [CDT+23]. **depth** [CGRR+24]. **depth-resolved** [CGRR+24]. **derived** [KJH24, OW20, SSJC23]. **describe** [HFP20, RCSS20, RRSG21, RRB+25]. **Describing** [BPN+20, BWS+20, CNNS+21, PCN+23, PAB+22]. **Description** [RRSG21, TGB+23, FSZ+20]. **descriptions** [JBB+25]. **descriptive** [BSPT23a, BSPT23b]. **desert** [CWY+24, CJM+23, KWC24, LAK+23, ZMS20]. **desert-oasis** [CJM+23]. **desertification** [FMRMAS24]. **deserts** [BP21, WXX+23]. **design** [BBCD23, CWH+21, FEP25, GHB+25, MAD+20, NPS+23, Tur20, WST+23, ZJEG24]. **Designing** [SJA+22, MGF25]. **designs** [RAC+24]. **details** [WTT+21]. **detect** [LM23]. **detecting** [KKW+21]. **detection** [APF21, CRP+25, 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** [RHN+25, RWZ+24]. **developed** [MGF25]. **Developing** [PFK+22, SDP21]. **Development** [AA25, AIA+23, DDG+21, ESZ+23, HL23, KLH+24, MFF+24, NO23, NT23, PPL25, SSB22, ZZZD22, BSPT23a, nCLpW+23, CPAT20, CMS+21, DLZ+20, FEPR24, GCMU23, HEL+21, HBRK24, HCL+22, HSD+21, 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, RGH+25, UM25, ZJX+25,

vdMYvdW24]. **Different**
[XHZH24, ATP20, AJJ24, BRNOJ25, BRSW24, CHR+23, DIS23, GVG+23, Hop23, JL23, JDJV25, LYC+21, MSLM+24, NLW+24, Sak23, SBMG24, TLC+22, TGL+22, WSHZ24, WTT+21, ZBH+22, ZLZ+24]. **differential** [ACM24, COPM23, FGM+24, SH25, VMM+21, Wu24]. **Differentially** [RSC+24]. **Differentiating** [BG22]. **differentiation** [GSRB22, HLZ+22, ZSS21]. **differentiations** [LLZM20]. **differently** [RLdM20]. **diffusion** [Ano25h, CAH22, Coo95, FMRMAS24]. **Diffusivity** [AJJ24]. **digestion** [AWW24]. **digging** [SLM24]. **DigiBog_Boreal** [RPB+23]. **digital** [KKW+21, MFK+25, SG20]. **dilated** [PSG+22]. **Dilution** [Oku21, CLHZ22]. **dimensional** [ABB23, Ano20-50, Coo95, DBK20, DAN+25, LWE+22, NBML21, TWL+22, YLS+21, Ano25h]. **dimensions** [KCS22, SZPW23]. **dimictic** [EL21]. **DINAMICA** [HPMB20]. **Dingxi** [LYL+24b]. **dinoflagellate** [GSJ+22]. **Dinosaurs** [PR21]. **dioecious** [LBT+22]. **dioecy** [MT23]. **dioxide** [BH20, BLB+20]. **diphtheria** [LPSF24]. **direct** [BGA22, MTS+20, TBM+24, ZOJ+23]. **directional** [STQ+22]. **disadvantages** [CRP+25]. **discharge** [Che21, DAGR25, 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, CGC+25, EBMK20, GSC+23, GMV24, JC25, 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, SMMT25, VMM+21, WSW23, dAdSCA20]. **disperser** [DAG+21]. **dispersion** [IA23, MYH+20]. **displacement** [CMA23]. **disprove** [LGK+23]. **dissimilarity** [RP22]. **dissolved** [CFL+22, FTH24, NKT+20, YFW+21]. **distance** [MVAD20, PPH+21, RP22, RBEH21]. **distance-independent** [PPH+21]. **distances** [WJ24]. **distinct** [CTL22]. **distinguishes** [KWM+24]. **distort** [LKPK22]. **Distributed** [RCSS20, NA22]. **distribution** [AHH22, AMP+23, AFdSM23, ALJ+22, BOLC+22, BM22b, BM22a, BSCH23, BS20, BWSS21, BMS+20, BMG24, BG22, CSBS21, CLPZ20, CNSK21, CKC+24, CKC+25, DSP+25, EWE20, FS22, GMM+24, GWH20, HLZ+22, HFSL+24, Jia21, MSS+25, MGK+23, MLJ+23, MMRBLN20, MVAD20, Men22, MBD+22, OW20, RBLS23, RSWS23, RSC+24, RJY+20, dSRDC+23, RPT21, SLB+20a, SVK20, SKW23, SKAB25, SBFBDM24, SC23, STRC24, SBMG24, TK20a, TFH+25, 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, HBLC+25, LVM+22, LHL22, NL20, PZH+21, RTB+24].

**disturbances** [YDQ+23]. **Disturbed** [HHI+22, KLNMG22, MHP+23, MCB+23, WLWL23]. **diversicolor** [GLA+20]. **diversification** [JDJV25]. **diversion** [BLB+24a]. **diversity** [ACM24, CLPZ20, Che22, HLW+20, KAB+23b, LPA+21, PNGESS21, PSZ20, RFF+23, SOP22, SG20, WZHP21, YXH20, ZL24]. **DNDC** [GAMN+23, SMM+22]. **Do** [WTT+21, BAM23, CSCT23, RLdM20, WJ24]. **doab** [AIA+23]. **documenting** [MGF25]. **DODM** [STRC24]. **Does** [JJN22, ME25, Ale25, CKC20, GZ23, KLNMG22, Pér24, PAS+22, PNGESS21, SKH+20, VSB22, XGT+24]. **doing** [ASKR24]. **dolomieu** [LBI+20]. **dolphin** [RBLS23]. **domainal** [Ano20-50]. **domestic** [GM23]. **dominance** [SIOM24]. **dominant** [AMP+23, LHH+24]. **Don** [HKSM23]. **Dorosoma** [PSBE23]. **dorsalis** [TBP+23]. **dose** [YXH20, ZL24]. **doses** [MJdORPG23]. **Douglas** [ASB25, BLB+20]. **Douglas-fir** [ASB25, BLB+20]. **down** [EOÖ21]. **downscaled** [NLMM23]. **DPSRC** [YCZ+25]. **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, MHSZ25, MAW+24a, MAW+24b]. **Droop** [WGAH22]. **Drosophila** [RRSG21, SLM24]. **drought** [LPS+21, PKKT+24, SKPL24, SD24, ZZLF24]. **drought-induced** [LPS+21]. **droughts** [AHK+25, HHBF24, SZC+25]. **dry** [DYMD22, DZC+23a, DZC+23b, YLLL23]. **Dryland** [CGV22, TMM25, FCL+25]. **dryness** [JPL21]. **DSSAT** [PTF23]. **dual** [SZPW23]. **due** [AVP+23, LDS+23, MKR20, MYH+20, ZOJ+23]. **DUET** [MLJ+23]. **dugon** [Lef23]. **Dugong** [Lef23]. **dugongs** [Lef23]. **duration** [LGA+21]. **during** [CRZ+23, CZ21, DZBB24, DZC+23a, DZC+23b, GLP+25, HMLZ24, KFM+23, OHH+21, STQ+22, Tsy22, dKS22]. **Dutch** [BAPW20]. **Dwarakeswer** [SD24]. **dwelling** [PSM+21]. **DynaGraM** [MPCG21]. **Dynamic** [BM21, CGZ24, DR25, DMPLHGL20, FCP+20, GLA+20, HMGK20, LFN+20, LZF+24, PSM+21, RGW+25, SWW+25, SC23, VLGG+20, WWC+22, ZLLZ24, ZLZ+24, vdMvDSL20, ABKA24, AADHA+23, BAAN24, CMGD+22, CLZ25, CDB+20, dSCdA21, DS23, DAGR25, DLZ+21, ERP21, FdKO21, FSY22, GMM20, HHB+24, HBRK24, JB22, JM22, JGM25, KWC24, KD20, Koo20b, LBL+24, LYC+21, LAK20, LHL22, Mat23, MFK+25, RPG20, RJY+20, RRCZ20, SVK20, STRC24, SL24, SRB+20, SMS+24, TBCV22, TSBE23, Tur20, VJK+23, WCSX22, XWX+24, YRK+20, DMPP24, DPC20, KGBL24, KKM+24, LJvdM24, RLH24, SNN24]. **dynamical** [LPSF24, MMN+25, RSS24]. **Dynamically** [SCG+23, JPL21]. **Dynamics** [DBDR22, GWD+23, MBR+23, PG23, TIKM24, ADR21, AM22, AG22, ACC+24, ADSvdZS25, APF21, APGD+21, BS21, BOLC+22, BGS+20,

BGR20, BGA+23, BLP20, CR24, CLH23, CL24, CGC+25, CGV22, dTCGF+24, DKM+21, DAQ20, DMGP20, DBD+25, DRZ+24, DS24, EL21, EL22, FCFCM24, FEP25, FGC24, FDSM20, FSZ+20, FZS+20, GSR+23, GAC+21, GRAA22, GSJ+20, HZ22, HSJ+20, HSP+22, Hop23, JLV+21, JLZ+25, JLLS23, KDH+21, KCP+23, KSJ22, KLH+24, LE23, LRA+20, LMD+25b, LSL21, LQH24, LZW20, LSS+21, LGL+24, LCMB21, MLL20, MLMI23, MPSS24, MDB+20, 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, PRM+25, PKO+21, PZH+21, PMP+21, PCK+22, POWS24, RCCLMGV22, RFJ+22, RKN+21, REGI+24]. **dynamics** [RWS+21, SCB+20, SQDM21, SM22a, SMD+20, SE21, SE22, SKAB25, SLB+23, SJH+23, SLC+20, SBR20, TPD+24, TZC25, TK20b, Uch23, VSB22, WGAH22, WbM+24, WAG25, WB24, WLSJ24, Wu24, XYZR21, XFK21, YCZ+25, ZMS20, ZLLZ24, ZYM+21, GCSlR22].

**E-PSR** [RS23]. **E2E** [SHF24]. **each** [MJS24]. **eagle** [RM20]. **early** [LBSR25, LAK+23, MFF+24, SNN24, WSFZ21]. **early-life** [LBSR25]. **earth** [JLZ+25, Kle23]. **earthquake** [BWS+20]. **earthworm** [RPG20]. **East** [BWS+20, COS23, MTW+22, UCM+25]. **eastern** [ACC+24, BWS+20, LAK+23, LLC+24a, YJC+24, GGMR20, MDB+20, OCT+23, SCG+23]. **easy** [CXZ+23]. **easy-to-apply** [CXZ+23]. **EasyCA** [AXMJ22]. **Ebro** [DN24]. **Echinococcus** [MMMS23]. **eco** [Abe20, CN20, DPC20, GSC+23, LLC+24a, LQH24, LCH+25, LW23, MF20, NWO21, NO23]. **eco-efficiency** [LW23]. **eco-epidemiological** [GSC+23]. **eco-evolutionary** [Abe20, CN20, LQH24, MF20]. **eco-hydrological** [LCH+25]. **eco-hydrology** [NWO21, NO23]. **eco-physiological** [DPC20, LLC+24a]. **ecode** [Wu24]. **Ecodynamics** [Ano20-49]. **ecogeomorphic** [PR22]. **Ecohydraulic** [Yao21]. **ecohydrodynamic** [DVVH21]. **ecohydrologic** [BKTM20]. **ecohydrological** [HKY24, MLMI23]. **Ecol** [BS20]. **Ecological** [AAAR24, AGS+22, Ano25h, ARSC22, BdBG+21b, BMS+20, BEH+25a, BR25, CFC25, CVTS20a, DS21, HHB+24, HLN+25, HES+23, HWSD25, KHH+24, LC20, LBI+20, LZD+24, LSG21, LLW+21, MMRBLN20, MP23, MGC24, MZX25, MAW+24a, Pie23, SE20a, SGTS23, SFFL25, TWL+22, TLH+20, VBH20, WHE+24a, WCF+22, XWX+24, ZYZ22, ZZQ23, AS22, Ale25, ADSvdZS25, Ano20-50, AFG24, ASB25, BANG20, BRC+21, BAM23, BMG24, BG22, CB20, CLY+23, CLZ25, CNSK21, CIL+20, CYP+20, Cor20, DYMD22, DK22, DWG22, EGAS23, ESZ+23, For24, GGE+23, Gon23, GPN+23, GCMU23, GZK+20, HCL+24, HYY+24, HNC+21, JLZ+25, KMAA23, KNP+21, KLH+24, KAT+22, KBSS23, LLZM20, LCM24, ŁKPK22, LPD+20, LYL+24b, 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]. **ecological** [RS23, RBMRR20, RFHR23, RFHR24, RBEC21, RMD+24a, SZPW23,

SACEU+21, SCACB23, SML+20, SCC+25, TZC25, VRS20, VSK+20, WG21, WXX+23, WLQ+23, WZLC24, WGBW25, 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, CKC+25, GCSlR22, MFF+24, WAHA+24, WCF+22]. **Ecologically-Based** [Por21]. **ecologists** [WG21]. **Ecology** [Mea20, Por21, BWSS21, CBW22, Fou21, MGF25, MWB+24, PSW22, RFHR24, UGSG24, WGFS24, XJW21, dMT23]. **econ** [CXZ+23]. **econometric** [BVR+20]. **Economic** [DMPLHGL20, CZ21, DWG22, HMLZ24, JLLS23, LZL22, MDGA25, NAM22, WAHA+24, WZLC24, WBS+24, ZWZ+24, ZSS21]. **economics** [LM21, SM20]. **economies** [WF24, YD20]. **Economy** [Pal24, Ano20-49, FMSR20, GCMU23, SAL+22, SMP20, ZA20]. **Ecopath** [BWS+20, PTG+20]. **Ecophysics** [GRS+20, Pas21]. **ecophysiological** [CAK+23, CAK+24, TSdOCV21]. **ecoregion** [LhNA+21, LhNA+22]. **ecoregions** [HH23]. **Ecosim** [BWS+20, WA20]. **Ecosystem** [BM21, FWK+20, GSA24, LB21, PKB+23, RSB+23, UCM+25, YZF20, ZZŠ+22, ASHK22, ABM20, BMBB24, BNN20, BNAR+21, BCM25, BAR24, BRBT22, BLSR+20, BDA+20, BGC+24, CBG+22, CL21, CLY+23, CWW+23, CXZ+23, CVTS20a, CVTS20b, CL24, CPAT20, dTCGF+24, DS24, ELM+25, EON23, FMH+20, FDSM20, GHB+25, GDF22, GSJ+20, GZW+20, Haa24, HKB+20, HES+20, HES+23, JLL+24, JHL23, KPLH24, LUV+23, LL21, LZL23, LCW+21, LPD+20, LGA20, LSB+25, MPC+22, MEGA21, MFH+22, MTZA23, MBS22, MMN+25, NMS24, NCB25, OHR+23, PBF+23, PDW+24, PGP+22, PRdN+20, PDGB21, PZH+21, PCK+22, QXZ+25, RWZ+24, RUTY23, RLS+24, SBS+20, SBS+21, SBM+22, SMD+20, SHF24, SINS22, SZL+20, TBCV22, WHL+23, WZT+25, WYBX23, WFW+24, XCH+21, XCZ+20, YPS+21, ZYZ22, ZCJ+20, ZYK22, ZHC23, ERP21, ECD+24]. **ecosystem-atmosphere** [BGC+24]. **Ecosystem-based** [GSA24]. **Ecosystem-scale** [FWK+20]. **ecosystem-wide** [HKB+20]. **Ecosystems** [BAR20, AM22, AAC20, BA20, BLL+23, BP21, BARF20, CP22, CTL22, DK22, DRZ+24, FCL+25, FSZ+20, FZS+20, GPN+23, GZK+20, HLW+20, HLZ+22, JLL+24, LSA+21, LWL24, MBG+22, OTR+21, OKS+21, WHW+23, RFHR23, RGRMRR20, SCF+24, WZHP21, WWCT24, ZFT20, ZFC+23]. **ecotone** [TBZ+22]. **ecotoxicity** [Jag20]. **ecotoxicology** [PFK+22]. **ectotherms** [RRSG21]. **edge** [BP25, GHMGBGCL24, LCW+21, YJC+24]. **edible** [GMM20]. **editorial** [LSG21, Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i,

Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano25b, Ano25c, Ano25d]. **Editorial** [Ano25e, Ano25f, Ano25g]. **Edmonton** [NBML21]. **eel** [BdBG+21a, BdBG+21b]. **eelgrass** [KNP+21]. **Effect** [AFdSM23, JMC+22, JRD+22, KFM+23, LDX+23, RGRMRR20, TMM25, ZBW+24, ABH+20, BLB+24a, BLLL21, CHR+23, CLHZ22, CMS+21, EWE20, FCT+25, GHMGBGCL24, Kag25, KS22, KUK+21, KBAC20, LL21, LP22, MSG21a, MDT+23, MKR20, NDNN22, OMP+23, PDH+22, PZH+21, RCCLMGV22, RMA+24, SCF+24, SFFL25, WJ24, XLM+23, dAdSCA20, RLM23]. **effective** [BP25, BCMV20, PMZ+21, RHN+25, SSM24]. **effectively** [BEH+25a, BEH+25b]. **effectiveness** [BJKT21, HCPG20, WJ24, XWX+24]. **Effects** [CWH+21, CMAG+25, FdKO21, JDJV25, KKH+24, LHDBN20, LCMB21, MMC+21, MJS24, NBMD21, VRS20, WWW25, YSFX23, ADR21, BCGR25, BKTM20, BH21, BSCH23, Che21, CGV22, dSCdA21, CP20, CSB22, DMPP24, DMM+23, DWH+21, EVT+21, GMV24, HCL+22, Hop23, Ino22, JC25, KMAA23, KdRW25, KAPZ25, KAB+23b, KLPJ24, KPLH24, LK20, LBGD21, LYZ+24, MMdP+21, MMS+24, MPSS24, MEPJ21, NK23, Oku21, PTBFP+20, RWF22, RSC+23, SDD+20, SBR+25, SHF24, SWL+23, SBWB24, SL24, SML+20, TLL+23, VVH+20, VSK+20, VBH20, WLZ+23a, YPS+21, ZFC+23]. **efficiencies** [PGP+22]. **efficiency** [BAM23, HLW+20, LPL22a, LCX+25, LNK+21, LW23, WWCT24, Yu20, vdMYvdW24]. **efficient** [RBLS23]. **effort** [SKAB25]. **efforts** [XHZH24]. **egg** [BGR20, LEC+23]. **eggs** [DLY+22, LWE+22]. **EGO** [HPMB20]. **ELA** [DMdR24]. **elasticity** [TK20a]. **electricity** [LGA+21]. **electrofishing** [RGD+22]. **elements** [MFZ23, PAPŁ+23, WLL+24]. **elephant** [HBC+22, MDP21, NMC+20, POWS24]. **elephants** [DDG+21, RHN+25]. **Elephas** [RHN+25]. **elevated** [TSZ+24, ZFT20]. **elevation** [LhNA+21, LhNA+22, PR22]. **Elliptical** [MLJ+23]. **Ellis** [MTL+23]. **elm** [BAPW20]. **Elucidating** [SIOM24]. **embedded** [KLH+24]. **Embedding** [GXZ+24, MS20]. **embodied** [XLM+23, ZLML20]. **Embracing** [FCP+20]. **emergence** [BR22, BR25, CMRF+24, LDS+23]. **emergent** [DAB+20, LYC+21]. **emerges** [WLWL23]. **emerging** [SBR+25, VSB22]. **Emergy** [CAS+24, DYW+22, ESCA22, EGAS23, LB21, AAM+22, AAC20, CMHZ23, ENARM+23, LL21, LDZ21, LZL22, LYL+24b, MDGA25, 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, JGM25, JM22, KWP+23, LMNV20, LMD+25b, MAN+20, RBGB23, RBEH21, Ste20, WGAH22]. **Employing**

[ATP20]. **empowerment** [NBMD21]. **emulators** [MMN+25]. **ENA** [HHB+24]. **enables** [VK24]. **encounters** [dKS22]. **encourages** [GLH24]. **encroachment** [MSS+25, PWG25]. **end** [BNN20, CGRR+24, CFG+22, WJ24]. **end-to-end** [BNN20, CGRR+24, CFG+22]. **endangered** [BLLL21, HMGK20, HBP+21, MCB+23]. **endemic** [HMGK20, WLZ+23a]. **endogenous** [ZRB+25]. **endosymbiont** [SRM+24]. **endurance** [CMAG+25]. **enemies** [LRA+20]. **energetic** [KLA+20, Lef23, SNN24, TMFV22, WLLW20]. **Energetics** [CDB+20, DGSM21, Koo20a, Koo24b, WWF+23, WWA+22]. **Energy** [DMPP24, DR25, DPC20, DS24, FCP+20, GLA+20, KGBL24, KKM+24, LJvdM24, LFN+20, MTP+20, PDG+20, RLH24, SNN24, VLGG+20, ZLML20, BPK+20, BSB+24, BGC+24, CZ21, CDB+20, CMAG+25, DLZ+20, DLZ+21, FMSR20, HMGK20, HWS+23, JMHH22, KD20, Koo20b, LAK20, LCX+25, LBS20, MKS21, MPMT23, Mat23, PDW+24, RPG20, RJY+20, RRCZ20, RGW+25, SLY+21, SL24, SML+20, VVH+20, YRK+20, vdMvDSL20]. **energy-based** [SLY+21]. **energy-budget** [JMHH22]. **Energy-Landscape** [MTP+20]. **Energy-systems** [DS24]. **engineers** [BMBB24, SBS+20, SBS+21]. **English** [DHW+20]. **enhance** [ATP20, AA25, CLZ25, FCP+20, Oku21]. **enhanced** [ESZ+23, FEP25, HAZEF23, Kiv24, SJH+23, Woo24]. **enhancement** [BRNOJ25, YRK+20]. **enhancements** [CSCT23]. **Enhancing** [JLZ+25]. **enough** [LJRM+20, RMCCB24]. **enrichment** [OHR+23, SM22a]. **ensemble** [CWW+23, HBP+21, LLLZ21, NCB25, WAG25, ZFP21]. **ENSO** [GGMR20]. **entrainment** [HKH+20, LYZ+24]. **Entropy** [ZSS20, GCS+21, HMDO20, dRMJdS23, WT20, XJW21]. **envelopes** [MYACC22]. **environ** [LLW+21]. **environment** [BSE21, BLAA25, BWS+20, FH24, HSF+20, HLB+20, JASW23, KN20, KWG+22b, MCB+23, OEC24, PAdS+24, PNGESS21, SBS+21, SBMF23, SMP20, SGRDA+24, YCZ+25, ZSS21, ZL24]. **Environmental** [LMNV20, MBB20, OZSU22, Pas21, PPJN25, AZBdAI23, APGD+21, BCGR25, BLA+24, BGA+23, BSR21, BAM23, BARF20, BDA+20, CZ21, DMPLHGL20, FGC24, FAC22, HHB+24, HL23, HMLZ24, HWS+23, JRD+22, JASW23, KWC24, KCHZ21, LBSR25, LBGD21, LCP+20, LBI+20, MDBvdBB24, MYACC22, MRR+20, MBFS21, MLP+20, NAM22, OMP+23, PG23, PDW23, 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, BR25, EHS+20, FSY22, GMG+25, JDJV25, 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, MB25, NBU+23, RFHR23, RFHR24, SH25, UGSG24, Wu24]. **equations** [AZAD+23, FGM+24, MAN+20, VMM+21]. **equilibrium** [CL24, SBMG24]. **equitable** [DL21]. **equity** [BCM25, ZOJ+23]. **equivalence** [HFP22]. **eradication** [HKB+20]. **Erhai** [QXZ+25]. **erosion** [AJG22a, AJG22b, ELM+25, GGMR20, LSS+21, YG21, ZLZ+24]. **Erratum** [Ano25h]. **Error** [KWG+23, Haa24, JTH24]. **errors** [OHH+21]. **eruptive** [Fer23]. **establishment** [AV22, FM24, JHKT+23, KKH+24, NND+22, SG20]. **Estate** [NCB25]. **esters** [WLQ+23]. **estimate** [ACFM22, GAMN+23, HCL+24, HLS+23, KAMS22, MCMP+24, PSM22, RFdL+24, SLB+23, TTPA21]. **estimated** [LCMB21, WZT+25]. **estimates** [ALK20, BHC22, CLW+24, DBV+22]. **Estimating** [BPK+20, GAM20, HLGF24, JS22, JMM+20, KD20, LB21, MLL20, MBP+25, SZL+21, WHE+24a, WHE+24b, ZPZ+22, ASB25, BBIP24, GLK+22, LAK+23, LAK20, LSK24, RMA+24, SWF21, SDP23, WYBX23]. **Estimation** [AJ22, II24, CCH20, DHY+25, EJ20, FCT+25, GZD+23, HI22, HCX+21, KLS20, KWP+23, MTT22, OMC+24, RFPRC23, RZY+25, RRL+25, SWHZ22, TIKM24, WDP24, XWZ+22, Yu20]. **estimations** [YSIB24]. **estimators** [LK24b]. **estuaries** [FTH24, MLP+20, PKW+25, SJH+23]. **estuarine** [AM22, CMFC23]. **estuary** [Che21, HMC20, KDH+21, MKEH20, MBB20, DZC+23a, DZC+23b]. **ESV** [ZZQ23]. **ESV-FLUS** [ZZQ23]. **Ethiopia** [TGRM23]. **eucalypt** [BdSG+23]. **Eucalyptus** [EHS+20]. **Euclidean** [RP22]. **europaea** [PAPŁ+23]. **Europe** [ASL+20, EVT+21, HKG+24, HK23, Pre22, SBR20]. **European** [CH22, DHW+20, DNM+24, 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, RHN+25, TDI+20, WHdBB21]. **evaluates** [MGC24]. **Evaluating** [CAK+24, ERP21, GWH20, GSJ+20, HBRK24, HFSL+24, IBB+21, IBB+22, LDZ21, NGA+24, SBR+25, 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, BLAA25, CLY+23, HYY+24, Ino22, LPS+21, LZL22, MAN+20, MP23, PAB+22, SLY+21, SPPC21, SBFBDM24, SDP23, TK20b, WSZ+24, YZF20, YCZ+25, RPARM20]. **Evaluations** [LEC+23]. **evaporation** [HKY24]. **evapotranspiration** [WLZ+23b, ZFC+23]. **event** [GRGHM21]. **events** [FS22, RFCEL22, RFPRC23, SLC+23, STK+25, SSB22, TTPA21, WW24]. **Everglades** [RGD20, ZRMW+20]. **evergreen** [CLW+24]. **Evidence** [LW23, PK23, SGH+23, COJ23, CDC+22, MMRBLN20, Tra24, ZA20, BAM23]. **Evolution** [Gon23, LZSQ20, Gat21, JOE23, JDJV25, LPSF24, LZF+24,

LM21, LYL+24b, MHSZ25, SMMT25, WXH+22, YDQ+23, YD20, GCMU23]. **Evolutionary** [GHK23, Abe20, AARS23, BDC+22, CP20, CN20, GRCSA+20, LQH24, LBS20, MF20, MOS21, MJdORPG23, PDW23]. **Exaiptasia** [KRMP23]. **examine** [BWT+24]. **Examining** [CLG20]. **example** [CDNN+20, LPSF24, WA20]. **examples** [MB25]. **exchange** [ASHK22, BLB+20, HLS+23, SWW+25, 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]. **expenditure** [CMAG+25]. **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]. **explain** [UM25]. **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, PWG25, SLHB+23, SJA+22, SOV21, SKAB25, TPD+24, WBW+20, WBD+22a]. **explicitly** [SBS+21]. **Exploitation** [CDT+23, TCB21]. **exploited** [CMGD+22]. **exploration** [KAB+23b, LKB+25, WLSJ24, YYS+22]. **Exploratory** [BTC+22]. **Explore** [PPJN25, BGS+20, MSLMM22]. **Exploring** [AAAR23, AAAR24, BNN20, CKK+24b, DR25, GSSC25, KMH+21, KLL+24, LJvdM24, LPL22a, LZL23, SBM+22, SHF24, WZLC24, dMT23, BRBT22, DMGP20, GRS+20, NGA+20]. **exponential** [Ano25h, Coo95]. **export** [LLC24b, NO24]. **exports** [YG21]. **exposed** [JST+22, WBD+22b]. **exposure** [DEMJ24, DWH+21, JSD+22, MMS+24, WSZ+24, ZOJ+23]. **extended** [JSL+20, Laz23, NGA+24, WMA21]. **Extending** [MDB24b, SDSP+21, KMP+23]. **extension** [BP21, HHR+25]. **extensions** [MKS21]. **extensive** [BNN20]. **extensively** [HH23]. **extent** [AFdSM23, BLG+25, GHK23]. **extinction** [Dav22, NH25, TCB21, Uch23]. **extinctions** [GRCSA+20]. **extrapolation** [RRFLV+22]. **Extreme** [CMAG+25, WW24, Dav22, SLC+23, SCH+21, ZOJ+23]. **extremes** [BLG+25, LSH24].

**F** [Ano25h]. **facilitate** [DSP+25]. **facilitates** [CKC20]. **Facilitation** [Pre22]. **facilities** [WbM+24]. **facing** [BLB+24a]. **factor** [MOG+25, ST24]. **factored** [PSG21]. **Factors** [BLB+20, SOP22, BCGR25, BLA+24, CDN+23, CKK+24b, DCCL24, DPC20, FM24, HYY+24, HCL+22, LHJ+24, LW23, MHSZ25, MAW+24a, MAW+24b, Vas20, YG21, YYS+22, ZSS21, ZYM+21]. **facts** [MZLRSZ21]. **facultative** [PGdAM+20]. **Fagus** [LhNA+21, LhNA+22, SKW23]. **fails** [AE22]. **failure** [SAdA+22]. **family** [SBFBDM24]. **Farm** [WrJP+22, TLC+22]. **farmer**

[ASKR24, BAM23, LE23, MGdM+20]. **farming** [BGA+23, ENARM+23, HSP+22, MDB+20, MBP+25, WAHA+24]. **farmland** [LE23, LCX+25, OEC24, WWCT24, YLLL23]. **farms** [LS25, LBN+22, MM21]. **fast** [AKM22, LM21, LCM24, SdlP20]. **fastidiosa** [BCMV20, GSC+23]. **fasting** [CMAG+25]. **fate** [BSPT23a, BSPT23b, MLV24, PKW+25, SSJC23]. **fates** [WLQ+23]. **Fath** [Des21]. **fauna** [MFK+25, Yao21]. **favorable** [KDC+21]. **favourability** [MDT+23]. **favourability-based** [MDT+23]. **Feasibility** [AS22]. **feature** [LSG21]. **Features** [CLG20, KBC24, SDD+20]. **February** [Ano20d, Ano20p, Ano21d, Ano21p, Ano22p, Ano23p, Ano24p, Ano25i]. **fed** [Che21]. **feed** [dMFOM+20, vOVvdW23]. **feedback** [BPN+20, CMKF22, MLMI23, RGRMRR20, TK20b, ZWZ+20]. **feedback-driven** [TK20b]. **feedbacks** [TK20b]. **feeding** [CMKF22, HSF+20, JMHH22, SPB+24]. **feet** [KBC24]. **felids** [RSC+24]. **female** [WBD+22b]. **femel** [BEH+25a, BEH+25b]. **fence** [WJ24]. **fence-end** [WJ24]. **fence-following** [WJ24]. **fencing** [WJ24]. **Fenghuangshan** [ZZZD22]. **Fenneropenaeus** [YRK+20]. **ferrugineus** [AJJ24]. **fertility** [CAB+21, VPAV22]. **Fertilization** [DGVVP23]. **fertilizer** [JLV+21, LYM+23]. **fever** [ABZ22, DBD+25, MSLMM22, MSLM+24, MD23]. **few** [AXMJ22]. **fidelity** [BR22, BR25]. **Field** [CFL+22, LSY+25, SOV21, BGA22, FH24, GZD+23, HGBK23, LAC+24, MBP+25, MGC24, NGE+21, PSM22, PDD+22, SGH+23, SRM+24]. **field-based** [PDD+22]. **Field-scale** [LSY+25]. **fields** [BMAME+23, GSR+23]. **fieldwork** [DIS23]. **filamentous** [KBAC20]. **filter** [CWW+23]. **filtering** [EMH+22, VMH+21]. **filtration** [GNH+24]. **Fine** [BLG+25, Fou21, BCGR25, JSD+22, KTB+23, YSIB24]. **Fine-scale** [BLG+25, BCGR25, JSD+22]. **Fine-tuning** [Fou21]. **finer** [KKF+23]. **Finland** [MRM25]. **finless** [DZC+23a, DZC+23b, HSF+20]. **finmarchicus** [BVM+21]. **Finnish** [KRM+22]. **fir** [ASB25, BLB+20, NLW+24, SKW23]. **fire** [ABRG21, AAAR23, AAAR24, BKTM20, dTCGF+24, ERP21, HH23, JLH+21, JB22, JMD+25, LMW+23b, MMdP+21, OHP+23, SLHB+23]. **fire-land** [JLH+21]. **fire-prone** [ABRG21]. **fires** [dRMJdS23, NA22]. **first** [BPN+20, STK+25]. **first-** [STK+25]. **Fish** [AWW24, BPK+20, BGCJ21, BSR21, CSBS21, CFG+22, DLY+22, FTH24, HML+22, HWSD24, HWSD25, JMHH22, KTB+23, LBSR25, LDC+20, LBN+22, LCP+20, LBI+20, LZD+24, LYZ+24, LSK24, LGA+21, LUT+24, MA25, MFF+24, NT23, NPK+23, NPS+23, PBH22, RUTY23, RGB22, SLB+20a, SRTS20, SZKLL24, TGS+25, VRRI+24, WLZ+23a, WLY+23, WbM+24, WDP24, dKS22, PDD+22]. **Fisher** [RBMRR20]. **fisheries** [BWS+20, CDT+23, GSJ+20, Lov24, PHK23, WBW+20, XHZH24]. **fisheries-targeted** [GSJ+20]. **fishery** [AKM22, BNAR+21, CMGD+22, DMGP20, LMD+25b, LGL+24, MZLRSZ21, RSC+23, SM22a]. **fishes** [HMDO20, LLB+23, SGLK20, WLSJ24]. **fishing** [BAAN24, KiAM+20, KKH+24, RWF22, XHZH24]. **fit** [MRM25, PAS+22].

**fitting** [SKAB25]. **five** [IBB+21, IBB+22, LPRB+25, ZMF+20]. **fixation** [CL24]. **fixed** [GSRB22, HLS+23, JPL21, MLV24]. **fixing** [GSRB22]. **fjordic** [GMM+24]. **fjords** [AM22]. **flammability** [VMG+24]. **flammulated** [CWH+21]. **flash** [SZC+25]. **flexibility** [AKY+22]. **Flexible** [JLL+24, JMC+22, MBP+25]. **flight** [KWG+22a, SGV+24]. **flights** [STQ+22]. **Flipbook** [HHB+24]. **Flipbook-ENA** [HHB+24]. **floating** [HLS+23]. **Floodplain** [BEH+25a, BEH+25b, LUT+24, TSUY23]. **flora** [MFK+25]. **floral** [WOOS24]. **Florida** [PTG+20, ZRMW+20, CB20, CRZ+23, SPB+24]. **flow** [ARSC22, HLM+20, JB22, LZD+24, NPK+23, OSH+21, SBWB24, WDW+22]. **flowering** [KKW+21]. **flows** [FMSR20, HKH+20, MFZ23, RLS+24, ZZWF21, ZLML20, dPGDdFS24]. **fluctuating** [BSE21]. **Fluctuation** [SGH+23]. **fluctuations** [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, MPT+25, YKZ+23]. **focal** [For20]. **focused** [Laz23]. **fodder** [BLAA25]. **folivore** [STRC24]. **follow** [KK20]. **following** [LVM+22, WJ24, cNKF24]. **Food** [GHbS21, SRK+20, BAAN24, BSB+24, BNN20, CGRR+24, DvDA24, DS24, HML+22, JL23, KRMP23, KMH+21, KKH+24, KDC+21, LPL22a, LLB+23, LPA+21, MAD+20, MJ24, MPPM23, MGdM+20, MEPJ21, MJS24, NHGP23, NK23, OKS+21, 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, TMM25, ZMK+22]. **forage** [MPA+24, PAdS+24, TMM25]. **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, CKC+25, ETAAH21, JMD+25, Mea20, MRM25, MZX25, MTZA23, RBEC21, STK+25, ABH+20, ACC+24, ACD+24, AHO+20, BSS+24, BAPW20, BPF24, BdSG+23, BLL+23, BEH+25a, BEH+25b, BLvG+25, BGC+24, CM21, CWW+23, CLW+24, DBV+22, DAC+25, DS24, EBH+25, FFM+23, FEPR24, FG21, FSZ+20, FZS+20, FHP+22, GMS+23, GHK23, GSMD24, HKY24, HBRK24, IBB+21, IBB+22, JB22, KLL+24, Kiv24, KWP+23, LDR+20, LOZT25, LhNA+21, LhNA+22, ME25, ML20, MSLMM22, MSLM+24, MLV24, MKB+24, NMS24, NA22, PPH+21, PZH+21, PNGESS21, PSW22, PCL24, Pre22, PGSL+20, RTB+24, RFJ+22, RZY+25, RFF+23, SE20a, SE20b, SAL+22, SWW+25, SCF+24, SMD+20, SLLW21, SPPC21, SNP+23, TDI+20, VK24, VBB+24, VMG+24, WZHP21, WYBX23, WLT+23, YA24, ZCJ+20, ZLL+23, BEH+25a, BEH+25b, CKC+24, VSK+20].

**forested** [BPL+20, HH23]. **Forests** [HHI+22, AMP+23, BSS+24, BL25, CAK+23, HBLC+25, 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, SBR+25, SGB+24b, XJW21, YSIB24, ZRMW+20]. **form** [MAN+20, WB24]. **formation** [FMRMAS24, Kag25, KFM+23, SLC+20, dKS22]. **former** [LGK+23]. **forming** [CR24]. **forms** [LZSQ20, WGAH22]. **formulae** [KKM+24]. **formulation** [BRAL23, FSZ+20]. **formulations** [JLL+24]. **Fort** [Pas21]. **fouling** [PF23]. **foundation** [KAT+22]. **four** [AAC20, MKR20, PDW23, SINS22]. **four-party** [PDW23]. **foxes** [TLL+23]. **fractions** [LLC24b]. **fragmentation** [JRD+22, cNKF24]. **fragmented** [BWCD23, CJM+23, HWSD24, HWSD25, LSA+21, LOZT25, RMV+24]. **fragments** [LTR+24, MSLMM22]. **framework** [AMK21, AZALP+24, ADSvdZS25, AAR23, BSU+23, BGK+20, BAR24, CMSD+22, CLZ25, CIL+20, CDC+22, DBDR22, DBH+22, II24, JLH+21, JM22, KDH+21, LDC+20, LMNV20, LJRM+20, LLLZ21, MTW+22, Mau24, MHP+23, PAS23, PDGB21, PKKT+24, PKW+25, RRB+25, 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, MA25, 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** [CGC+25, MGHT20]. **further** [MGF25]. **Fusarium** [GGS+22]. **fusion** [SWP+23]. **future** [AHK+25, BPW+21, CZ21, CLW23, CLG20, ELS23, ELM+25, FHP+22, FS22, GHK23, HSD+21, KNP+21, LhNA+21, LhNA+22, MBD+22, PR22, QXZ+25, SGB+24b, ZPZ+22, ZXK+24, vSS24]. **futures** [KMH+21]. **Fuzzy** [DSHB23, KLH+24, KLL+24, ZWL+21]. **FVCOM** [PKW+25]. **FVCOM-ICM** [PKW+25]. **FVCOM-ICM/Toxi** [PKW+25].

**Gadus** [JOE23]. **Gaia** [Gat20]. **gain** [BPK+20]. **gained** [ECD+24].

**Galatheidae** [BAAN24]. **Game** [MB22, DS23, GHbS21, LBN+22, PDW23]. **games** [AARS23]. **Gammaridae** [DZBB24]. **Ganges** [RBLS23]. **Gansu** [MZX25, XHS+24]. **gap** [DTR+22, RP22]. **Gaps** [AVRC+20, LKPK22]. **garden** [SSJC23]. **gardens** [RPARM20]. **Gas** [dKS22, BST+20, BWT+24, CFL+22, CPAT20, HCP+20, KMH+21, MTS+20, TQM+24]. **GCM** [TKO+22, ZFT20]. **GCM-related** [TKO+22]. **geese** [JZJ+20]. **gene** [FLG+23]. **general** [PSG21, RRSG21, RRB+25, DLT+22]. **generalisation** [BLvG+25]. **generalist** [CKK+25]. **generalizable** [RBEH21]. **Generalized** [SE21, CIL+20, 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, NCB25, SG20]. **genetically** [NS20]. **Geo** [DIS23]. **Geo-spatial** [DIS23]. **geochemical** [ACFM22, MTT22]. **Geographic** [LB21, HMDO20, RJY+20, SM22b]. **geographically** [BBIP24, CKC+24, CKC+25]. **geography** [MYACC22, USA21]. **geolocation** [NT23]. **Georgia** [MPPM23]. **geospatial** [KKF+23]. **geostatistical** [BMB24a]. **Gerais** [MRR+20, dPGDdFS24]. **German** [HHBF24]. **germanica** [CH22]. **Germany** [AHK+25]. **germinans** [LK20]. **GHG** [HWS+23, KMH+21]. **giant** [DRZ+24, XFK21, HYY+24]. **giants** [CMAG+25]. **GIS** [BLAA25, CEB+24, DTR+22, DIS23, ILLM20, KFM+23, Lov24, SD24, USA21]. **GIS-based** [BLAA25, CEB+24, KFM+23, Lov24]. **given** [SE20a, SE20b]. **gizzard** [PSBE23]. **glaucescens** [KBC24]. **Glaucous** [KBC24]. **Glaucous-winged** [KBC24]. **GLCM** [DLT+22]. **glider** [ACZ+21]. **GLM** [CKC+25, CKC+24]. **Global** [GRGV25, HRW+24, LB21, MBFS21, CBW22, COPM23, CYP+20, Cor20, CKC+24, CKC+25, 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]. **Goharkuh** [MDGA25]. **going** [ARSC22]. **golden** [BDP+23]. **Gompertz** [CMG20]. **Good** [LS24, WGFS24, BRNOJ25, BCMV20, LJRM+20, MWB+24, SCC+25]. **Gorges** [XWX+24]. **governance** [PDW23]. **GPLake** [CDJ+22]. **GPLake-S** [CDJ+22]. **GPP** [FCL+25, FCT+25, SPPC21, YYS+22]. **Grabarnik** [Mea20]. **gradient** [ALS+21, EBH+25, FCL+25, NSS+23, SGB+24a, SGTS21, SGTS23, SGCFB22]. **gradients** [BMS+20, LBGD21, OMP+23, RLS+24]. **grafted** [WB24]. **grain** [COJ23, KFM+23]. **granularity** [OSH+21]. **grape** [EGAS23, KH25, LSH24]. **grass** [BC25, HGBK23, PAdS+24]. **grassed** [SCG+24]. **grasshopper** [LBGD21]. **Grasshoppers** [HSL+22]. **grassland** [DHY+25, HCL+24, HCP+20, LWL24, MTW+22, MPA+24, WHW+23, SOP22, WTT+21, Yu20, ZFT20]. **grasslands** [AG22, ACFM22, BAZ22, CSM23, dTCGF+24, DP20, DWZ+25, HHT21, MPCG21, PSM+21, SHT21]. **grazer** [KWG+22b]. **grazing** [CSM23, JZS+21, MNMN25, 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** [AA25, AAC20, BST+20, BWT+24, FEP25, HCP+20, Kag25, KMH+21, MTS+20, TQM+24, TCG+20, XS25, ZBH+22]. **greening** [WLZ+23b]. **greenspace** [CLY+23]. **grey** [CAB+21, HKG+24]. **grizzly** [GCS+21]. **grooved** [LJvdM24]. **gross** [GLK+22, GZD+23, HCX+21, KWP+23, RZY+25, SZC+25, ZZLF24]. **Ground** [ABC+22, EOÖ21, FSZ+20, FZS+20]. **ground-level** [EOÖ21]. **Ground-truthing** [ABC+22]. **grounds** [KiAM+20]. **Groundwater** [MSS24, Che21, EBH+25, ZSS20, BPN+20]. **groundwater-dependent** [ZSS20]. **group** [AIA+23, GAC+21]. **groups** [BLP20, NHGP23, RBGB23, vWVH20]. **grouse** [OHP+23]. **Growing** [BP25]. **grows** [MFK+25]. **Growth** [KDC+21, dSMPA+22, dOPdMdS+21, VLGG+20, WXT+20, AZMD+22, AZAD+23, AXMJ22, AG22, AWW24, BC25, 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, MOG+25, MJ24, MRM25, MB25, MFF+24, MLP+20, PCN+23, PKO+21, Pre22, RGB22, SE20a, SE20b, SH25, SVK20, SGH+23, mSzZK+21, SMV+20, SRB+20, SLC+20, TMFV22, TKO+22, UM25, WYJ+22, WDP24, YA24, YSFX23, ZWZ+24, ZJX+25, ZYK22, ZS20]. **growth-maintenance** [AG22]. **GRU** [XHZ25]. **Guangxi** [ZHJQ23]. **guarantee** [CKC20]. **guaranteed** [AZBdAI23]. **GUESS** [ERP21]. **guianensis** [dOPdMdS+21]. **guidance** [Gri20]. **guide** [BWCD23, DWG22, MB25, 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, DSP+25, DSHB23, GVG+23, HYY+24, HHR+25, HWJ+25, ILLM20, JLH+21, JHKT+23, JRD+22, KLL+24, KLR+24, LZF+24, LZD+24, LGC+25, LGA+21, LUT+24, MA25, MS23, NCG+24, OEC24, OHP+23, PWN+24, PTNR+20, RHN+25, SvV21, SWW+23, SKH+20, TGS+25, WLZ+23a, WWF+23, WKL+21, WBS+24, WWCT24, Yao21, YXY+20, ZWL+21, cNKF24]. **habitats** [Che21, CMRF+24, DTD+23, GRCSA+20, KE24, YDQ+23]. **Haliaeetus** [RM20]. **Haliotis** [DLZ+21]. **Hamiltonian** [MB25]. **Handling** [ŁKPK22]. **Hanjiang** [XZZ+22]. **hannai** [DLZ+21]. **harbour** [WSL+22]. **hardcover** [Mea20]. **hardwood** [JLH+21, MLL20]. **hare** [LG20]. **Harmful** [KSJ22, CR24, CMKF22, CLH23, OLM+24, PTG+20, RFPRC23, SIOM24]. **harmonized** [GRGV25]. **harvest** [dSCdA21, DAG+21, DDL+20, SLLW21].

**harvested** [MLV24]. **harvesting** [BSE21, KLPJ24, LOZT25, NK23, PBH22, PHK23, SvV21, SM22a]. **harvesting-induced** [NK23]. **Hastings** [MB25]. **hatching** [LAK+23]. **hatchling** [LHDBN20]. **hazard** [AAAR23, AAAR24, GMV24]. **healing** [LHL22]. **health** [CZY+25, PF23]. **heat** [KH25, KFM+23, SCH+21, ZOJ+23]. **heatwave** [SMV+20]. **heatwaves** [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]. **herbivory** [WGBW25]. **herds** [HWJ+25]. **HermaDEB** [LBS20]. **hermaphrodites** [LBS20]. **hermaphroditism** [MT23]. **hermaphroditism-dioecy** [MT23]. **heterocyst** [GSRB22]. **Heterogeneity** [GLH24, DPA21, LGFT+20, LP22, vDC20]. **heterogeneous** [BR22, BR25, PEFW20, PMP+21, SG20, WOOS24]. **Heterosigma** [SIOM24]. **Hexi** [LZF+24]. **Hidden** [RWZ+24]. **hierarchical** [BRSW24, KWC24, PDGB21, RRL+25, SWF21, SKW23, WGFS24, WSL+22, WBD+22b]. **High** [BRC+21, DNM+24, LBGD21, YHC+21, AMP+23, AE22, ACZ+21, BGA+23, CJM+23, nCLpW+23, CDB+20, GNH+24, RSB+23, RPB+23, YXH20, vdHNH+20]. **high-boreal** [RPB+23]. **High-precision** [YHC+21]. **high-quality** [nCLpW+23]. **High-resolution** [DNM+24, LBGD21, AMP+23, RSB+23]. **Higher** [CLHZ22, RFF+23, CKC20, GJC+20, LDS+23, MT23]. **Higher-order** [CLHZ22]. **Highly** [DMGP20, CKK+25, FSY22, LKB+25, WGMR23]. **highly-biodiverse** [WGMR23]. **hilly** [ZBW+24]. **Himalayan** [BS20]. **Himalayas** [BWSS21]. **Hirst** [AFdSM23]. **hirundinacea** [ARSC22]. **Historical** [ZPZ+22, AG22]. **histories** [RPG20]. **history** [BMB21, CTL22, CP20, DR25, JOE23, KD20, NK23, RHP+24, SLYL+20, vDC20]. **history-dependent** [CTL22]. **hitchhiker** [DWG22]. **hive** [LBT+22]. **Hoeksche** [PRdN+20]. **holes** [BMB24a]. **holey** [TTPA21]. **Homarus** [BHC22]. **homeostasis** [AKY+22]. **Honey** [LBT+22]. **honeybee** [MMC+21]. **Hopf** [NDNN22]. **host** [BL25, BRAL23, CLPZ20, GMV24, JC25, MSLMM22, MM21, NWJ+22, Oku21, PTBFP+20, RWS+21, SE21, VSB22, ZMG+21, dGMCM+23]. **hosts** [Oku21]. **hot** [LLZM20, MZLRSZ21]. **Hotan** [CWY+24]. **hotspot** [BRC+21, EBH+25, ZZWF21]. **hotspots** [CXZ+23]. **hourly** [BH20]. **household** [GM23]. **housing** [CLY+23, JASW23]. **HSPF** [LKP+20]. **Huangguashan** [JLLS23]. **Hugo** [Pas21]. **human** [CBW22, CXZ+23, DYMD22, FMSR20, GMS+23, GRCSA+20, HL23, KAPZ25, KCS22, MDP21, MPMT23, PMB+22, RGRMRR20, ST24, TZC25, WG21, WFD23, YDQ+23, YPS+21]. **human-altered** [GRCSA+20]. **human-ecosystems** [RGRMRR20]. **human-natural** [KCS22].

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

**i.e** [SH25]. **ibex** [LGFT+20]. **IBM** [LBS20]. **ice** [DMdR24]. **ice-cover** [DMdR24]. **ICM/Toxi** [PKW+25]. **ideal** [Men22, dKS22]. **idealized** [KPLH24]. **ideas** [Ano20-49]. **identifiability** [SC21]. **Identification** [KT22, DTD+23, DBH+22, MP23, SGCFB22]. **identified** [BLB+20, KPLH24]. **identify** [MYACC22, OSH+21, SWW+23]. **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, QYW+25]. **imbalance** [BSCH23]. **immersed** [For20]. **Impact** [CZY+25, ELS23, JL23, JASW23, LBSR25, MSL+21, NO24, SLYL+20, AMK21, AFG24, BSS+24, BMB21, CdCAC+20, COJ23, CDN+23, CDJ+22, CL24, DAGR25, DAG+21, DN24, HHBF24, HMC20, HLS+23, JB22, KE24, LPSF24, LDXJ22, MGHT20, MTBB22, NA22, PDW23, QS23, RCCLMGV22, RBVL+20, 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, UCM+25, XLS20, ZMF+20, AHK+25, APT24, BPW+21, BGS+20, BNAR+21, BRBT22, CRZ+23, COPM23, CNSK21, Dav22, EBS23, ETAAH21, HKB+20, HWSD24, HWSD25, KLR+24, KBSS23, LOZT25, 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, BR25, SOV21]. **Implementation** [PAPRMALO25, BGA+23, HKG+24, ZRB+25]. **implemented** [BGA22]. **implementing** [LSB+25]. **implication** [BSB+24]. **Implications** [BHC22, CR24, CNSK21, HKSM23, LRA+20, SE21, FEPR24, FLG+23, FTH24, MA25, RBEC21, Pas21]. **implicit** [AE22]. **import** [NO24]. **Importance** [FS22, RMS24, ALS+21, CKK+24c, DVPPMV+24, EJ20,

GMS+23, HHT21, JHKT+23, KdRW25, NPK+23, WRC21, vdHNH+20].
**important** [MFF+24, RRB+25]. **imprecise** [XCZ+20]. **improve**
[CSCT23, DHY+25, GNH+24, GZD+23, MVAD20, dRMJdS23, PTG+20].
**Improved** [HKY24, HCX+21, KWP+23, KBAC20, Ste20, WMA21, BA20,
CWW+23, FCT+25, LCW+21, NYH20, dOPdMdS+21, SPPC21, Yu20].
**improvements** [LKP+20]. **improves**
[BSCH23, BMG24, CLW+24, JST+22, OW20, RFF+23]. **Improving**
[AMP+23, ASKR24, BLSR+20, KMP+23, PGSL+20, RZY+25, 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**
[WZT+25, cNKF24, FS22, GLH24, GGMR20, HHBF24, TCB21]. **increases**
[ALJ+22, KKF+23]. **Increasing**
[dGZHCA24, FWK+20, SQDM21, WGMR23, WLZ+23b]. **incremental**
[BCM25]. **incubation** [CC20]. **independent** [HI22, PPH+21].
**indeterminate** [CMG20]. **index** [AZALP+24, DHY+25, HKSM23, HCL+24,
JPL21, PSZ20, WAHA+24, ZSS20, BLvG+25]. **India**
[ESCA22, GMM20, JLV+21, MSG+21b, POWS24, RSB+23, SD24, SPPC21].
**Indian** [LHH+24, BGC+24, HMVR21, KWP+23, RSC+24]. **indica**
[AFdSM23]. **indicate** [ZZŠ+22]. **indicator** [KLL+24]. **indicators**
[RWZ+24, WXX+23, ZMK+22]. **indices**
[CSZY+20, GSJC22, XMWL23, ZMK+22]. **Indigo** [BGA22]. **Indigo-N**
[BGA22]. **Indirect** [SWL+23, KMAA23, TBM+24]. **Individual**
[APGD+21, EV22, LS25, MKS21, Mea20, PMP+21, RPG20, RHP+24,
AVRC+20, AHO+20, APF21, BGS+20, CDB+20, CGVC21, CKK+24a,
CKK+24c, DAB+20, DAC+25, DWH+21, EWE20, GRCSA+20, HBMR24,
HKG+24, KCP+23, KD20, Koo24a, KWG+23, LBSR25, LGFT+20, LDC+20,
LBI+20, LQH24, MSG21a, MSG23, dSMPA+22, MCMP+24, MJ24, MPL+20,
OMC+24, PMMTF+24, RTB+24, RFJ+22, SBR+25, TBM+24, UM25,
WHE+24a, WHE+24b, WBW+20, WbM+24, WYBX23, WBD+22a, WJ24,
WLSJ24, XJW21, YLS+21, YDLT24, ZMS20, ZFP21, Mea20]. **individual-**
[RFJ+22]. **Individual-based** [APGD+21, EV22, MKS21, Mea20, PMP+21,
RPG20, RHP+24, AHO+20, BGS+20, CGVC21, DAB+20, DAC+25,
DWH+21, EWE20, GRCSA+20, HBMR24, HKG+24, KCP+23, Koo24a,
KWG+23, LBSR25, LGFT+20, LBI+20, LQH24, MSG21a, MSG23,
MCMP+24, RTB+24, SBR+25, TBM+24, WHE+24a, WHE+24b, WBW+20,
WBD+22a, WJ24, WLSJ24, YDLT24, ZMS20, Mea20]. **individual-level**
[AVRC+20]. **individual-specific** [OMC+24]. **individuals**
[CKK+25, JC25, MOS21]. **Indonesia** [JASW23]. **induced** [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]. **infected** [JC25]. **infection** [CGB+23, CYP+20, Cor20, FNA+25, SRM+24]. **infections** [DEMJ24]. **infectious** [GMM+24, VSB22]. **infer** [GSM+20, JVGC21]. **inference** [ŁKPK22, Mau24, TDI+20]. **inferences** [ATP20, DVPPMV+24]. **Inferring** [KdRW25, PDH+22]. **infestans** [FC21]. **infestation** [BDP+23, MM21]. **influence** [BHC22, BAM23, CKK+24c, FCFCM24, FDSM20, GAMN+23, IA23, JPMA+23, KN20, KCHZ21, LLC24b, LCM24, MLMI23, MSLMM22, NL20, QZSV21, RLS+24, SCG+24, SLB20b, SMD+20, SKH+20, WSM24, WJ24, dAdSCA20]. **influenced** [KSJ22, XZZ+22]. **Influences** [CMFC23, SHT21, CBW22, CLW23, MFH+22, OHR+23, SC24a, SM22a, SZL+20, vSS24]. **influencing** [LW23, XMWL23, ZSS21]. **influential** [BGCJ21, LBT+22]. **influenza** [LKB+25]. **inform** [CSMP21, GML+20, RMS24, WT20, WDW+22]. **Information** [LB21, SPV+20, ZL24, BAM23, CRP+25, HKB+20, HNC+21, LLW+21, MGK+23, MPMT23, RBMRR20, SMMT25, TTPA21, vWVH20]. **information-content** [MGK+23]. **informed** [HMGK20]. **Informing** [HCW+22]. **infrastructure** [SBF+21]. **inhabiting** [SBMF23]. **Inhibition** [MYH+20, FMRMAS24]. **Initial** [nCLpW+23, NLW+24]. **Initiative** [LMW+23a]. **inland** [XHS+24]. **inner** [KNP+21]. **innovations** [CAH22]. **Ino** [DLZ+21]. **inoculum** [MGHT20]. **inorganic** [NKT+20]. **input** [BS20, HLM+20, MDB+20, WHL+23, WAHA+24, XLM+23, ZZŠ+22]. **input-output** [HLM+20, XLM+23]. **inputs** [HRW+24]. **Insect** [DBN+22, DMG22, DKM+21, MJ24, PSM+21, PGdAM+20, REGI+24, RTH+21, RCSS20, RRB+25, SE22, STK+25, SKH+20, SM22b, dGMCM+23]. **insects** [CH22]. **insight** [NCG+24]. **Insights** [AADHA+23, dSCdA21, HLN+25, HSP+22, HCPG20, MAGR+22, PYD+21b, PTNR+20, RMV+24, WWW25, ZWZ+20, CGC+25, ECD+24, HBMR24, JZJ+20, MAW+24a, MAW+24b, PSM+21, SLB+20a, dFT+20, LJRM+20, ME25, PYD+21a]. **inspires** [PSW22]. **institutional** [ZRB+25]. **instream** [KTB+23, LKP+20]. **instruments** [BAM23]. **intake** [vdMvDSL20]. **integer** [SRÁMH+20]. **integral** [JPL21, PSBE23, PFK+22]. **integrate** [MTBB22, Mur24]. **Integrated** [BNAR+21, DKM+21, ETAAH21, PKW+25, UCM+25, BdCCdSAdS23, BMM22, DIS23, FMH+20, GLA+20, HMLZ24, HK23, JZJ+20, KFM+23, KWG+23, LUV+23, LCMB21, LYM+23, MSS24, MJdORPG23, PBF+23, STW+23, SWW+23, SZL+20, WAHA+24, WSL+22, WDP24, Yao21]. **integratedly** [ZYK22]. **Integrating** [ATP20, ADSvdZS25, Ano20-50, BKTM20, BCM25, CLW+24, CLZ25, DHY+25, JPL21, MBFS21, PGP+22, SVK20, TPD+24, VRS20, WDW+22, WFD23, XJW21, CDB+20, LZW20, PTNR+20, QYW+25, SNP+23]. **Integration** [BLB24b, LUT+24, OW20, PRdN+20, BNN20, OCT+23, Pal24,

RZY+25, SKW23]. **integrative** [MBP+25]. **integrity** [Gon23]. **intelligence** [Ale25]. **Intelligent** [Lia23]. **intensity** [CP22, MBP+25, PAS23, TMNA20, ZLZ+24]. **intensive** [HLS+23, ZCJ+20]. **intentionally** [SM22b]. **Inter** [LPRB+25, CKK+24a, EVHS21, KD20, MPL+20, PSG21]. **inter-** [PSG21]. **inter-individual** [CKK+24a, KD20, MPL+20]. **inter-site** [EVHS21]. **Inter-species** [LPRB+25]. **interact** [KN20]. **interacting** [MAB23]. **interaction** [CWY+24, DYMD22, GGS+22, HFP22, JBF22, MVC+22, MM21, PVS+21, RUTY23, SGCFB22, SGRDA+24, TRMB20]. **interactions** [ABM20, AM21, BANG20, BNN20, CLPZ20, CZ21, CLHZ22, CDNN+20, FHP+22, GGMR20, HFP20, KNP+21, LRA+20, LP22, MDP21, OMP+23, PSG21, PGSL+20, RBEC21, SCG+23, SGP+20, SLLW21, SPV+20, SPV+21, TZC25, WPL+23, WMA21, WTT+21, YL22, YEL+21]. **Interactive** [KAPZ25, KAB+23b, KPLH24, TSBE23, BCGR25, CVTS20a, CVTS20b, ZFC+23]. **interacts** [BSR21]. **interception** [LWL24]. **intercropping** [DDH+22, KKP+21]. **interdependent** [RK20]. **Interdisciplinary** [NPS+23, LWZL23, RFHR24]. **interface** [MD23, TGL+22, WPL+23]. **internal** [VJK+23]. **International** [Mea20]. **interplay** [AM21]. **interpolation** [RRFLV+22]. **interpolators** [RAB21]. **Interpretability** [AZALP+24, AZAD+23]. **interpretation** [AHH22, BM22a, LK24a, RSWS23]. **interpretations** [LPL22b]. **Interpreting** [AKY+22]. **interregional** [ZLML20]. **intersection** [LHDBN20]. **intertidal** [GSM+20, MAW+24a, MAW+24b, PR22, vdHNH+20]. **interval** [ALK20, NMV+23, RUTY23, ZZZD22]. **interval-valued** [RUTY23]. **intervals** [JPL21, LK24b]. **interventions** [CZY+25]. **intra** [CKC20, RLM23]. **intra-annual** [RLM23]. **intra-guild** [CKC20]. **intraguild** [SM22a]. **intraspecific** [PSG21, WOOS24]. **Intrinsic** [MSML21, YZF20]. **intrinsically** [GZ23]. **intrinsically-induced** [GZ23]. **introduced** [SM22b]. **introduction** [FM24]. **Inuit** [DSHB23]. **invadable** [MOS21]. **invader** [YB22]. **invaders** [MJS24, SG20]. **invading** [BAZ22]. **invasion** [AV22, Fou21, GSSC25, JL23, LBL22, MJS24, 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, MRM25]. **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]. **ion** [JLZ+25]. **ion-adsorption** [JLZ+25]. **Ionian** [RSC+21, RSC+23, LPD+20]. **ionising** [VSK+20]. **ionizing** [YXH20]. **IOP** [Pas21]. **IPH** [dPGDdFS24]. **Iran** [DYMD22, AAM+22, CMHZ23, ETAAH21, EGAS23, ENARM+23, KT22, MA25, NAM22, PK23, RSASP22, ZMK+22]. **irradiance** [SDP21]. **Irregular** [CMKF22, BMB24a, JM22]. **irrigated** [GLK+22, JMPB24]. **irrigation** [GZD+23, HKH+23, LE23]. **irrigation-related** [LE23]. **irruptive**

[STRC24]. **ISBN** [Mea20, Pas21]. **ISBN-13** [Pas21]. **Island** [LUV+23, XHZH24, SBS+20, WF24, CLW23, GCSlR22]. **Islands** [LPD+20, SOV21]. **issues** [PBH22]. **Italian** [GCMU23, NSS+23]. **Italy** [GMS+23, GSC+23, MEGA21, SBF+21, BBCD23, BARF20, CMHZ23, DSC+21, LPA+21]. **iterative** [FFM+23]. **iteroparous** [KK20]. **Ixodes** [WBD+22b].

**J** [Ano25h]. **Jajroud** [MA25]. **January** [Ano20e, Ano20q, Ano21e, Ano21q, Ano22q, Ano23q, Ano24q, Ano25j, Ano25k]. **Japan** [BWS+20, II24, KiAM+20, NO23, TDI+20]. **Japanese** [HKSM23]. **japonica** [HKSM23]. **Jeli** [RHN+25]. **jellyfish** [EWE20, WWW25, XFK21]. **Jiangsu** [KHS+23]. **joint** [FCT+25, 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]. **justice** [BCM25]. **juvenile** [BdBG+21a, BdBG+21b, Koo24a, LLB+23, MBB20, MLP+20, SPB+24, SJH+23, WRC21, WDP24]. **juvenile-driven** [Koo24a]. **JZB** [XCZ+20].

**Kalman** [CWW+23]. **Kamchatka** [PA20]. **Kansas** [AAR23]. **Karenia** [GSJ+22]. **Karst** [ZHJQ23, DHY+25]. **Kashgar** [WFW+24]. **KBRI** [DHY+25]. **Keeping** [KAT+22]. **Kelantan** [RHN+25]. **Kelp** [VLGG+20, SMS+24]. **Kemp** [SPB+24]. **Kenya** [GVG+23]. **Kerguelen** [APGD+21]. **kernel** [PSW22]. **Key** [YG21, CAK+24, CNSK21, GAC+21, GRCSA+20, KDC+21, MAW+24a, MAW+24b, XMWL23]. **keystone** [HNC+21]. **Kheyrud** [ETAAH21]. **Khuzestan** [ENARM+23]. **kinetic** [LPRB+25]. **Kinetics** [GSJ+22, AZAD+23]. **Kingdom** [Pas21, KLA+20]. **kiwifruit** [CMHZ23]. **Knepp** [NCB25]. **knowledge** [CMGD+22, DSHB23, JZS+21, MS20, PRdN+20, VRS20]. **known** [BGS+20, WWK+24]. **Korean** [WLT+23]. **krige** [BMB24a]. **kriging** [VMG+24]. **krill** [BMB21]. **Kuznets** [LMNV20].

**L** [LhNA+22]. **L.** [CLOFD+25, EVT+21, GRAA22, LhNA+21, PAPŁ+23, SWHZ22, SKW23, WSHZ24]. **laboratories** [Tur20]. **laboratory** [AZMD+22, LEC+23, SGH+23, VN23]. **labrax** [WBW+20]. **lack** [ZOJ+23]. **lactuca** [LFN+20]. **Laemophloeidae** [AJJ24]. **lagoon** [AACCIS20, CMGD+22, PGB+20]. **Lagos** [EON23]. **Lagrangian** [LWE+22, LEC+23, TMNA20, WSW23]. **LAI** [CSZY+20]. **Lake** [JBB+25, PRM+24, QXZ+25, 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**

[BLAA25, GXZ+24, LZW20, MTP+20, TLH+20, UCM+25, ABC+22, APT24, CP22, COS23, CPTD22, CLG20, DSC+21, DWG22, ELM+25, FGC24, Fou21, GZK+20, HAZEF23, JLH+21, JLLS23, JHL23, KMH+21, KMP+23, LBGD21, LZSQ20, Lia23, LSS+21, LLW+21, MTZA23, NMV+23, NAM22, PHL20, RSASP22, SBM+22, SWP+23, TGRM23, TGL+22, USA21, WWC+22, WZT+25, WMA21, WFW+24, YPS+21, YKZ+23, ZWZ+24, ZRB+25, ZLLZ24, ZHWZ23]. **land-atmosphere** [GXZ+24]. **land-based** [CLG20]. **land-cover** [WWC+22]. **Land-Use** [TLH+20, LZW20, CP22, COS23, JHL23, RSASP22, WWC+22]. **land-use-based** [DWG22]. **land-use/cover** [COS23]. **land-use/land-cover** [WWC+22]. **lands** [ESCA22, TSBE23]. **Landscape** [DLT+22, HBP+21, MTP+20, dMT23, AJG22a, AJG22b, AGP20, BSR21, CWY+24, FFM+23, FHP+22, GLH24, GSMD24, HMDO20, JMD+25, JSL+20, KdRW25, KS22, Kos22, LDR+20, LRA+20, LP22, LOZT25, LZL23, MPMT23, MBP+25, 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, RRL+25]. **lateral** [GLP+25]. **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, MSD25]. **leading** [LSK24]. **leads** [CMA23, HKY24]. **leaf** [CLW+24, HKSM23, KHH+22, KHH+24, Mas23, MLJ+23, NYH20, PTF23, PCN+23, PKO+21, PNGESS21, SLHB+23]. **leaf-appearance** [PTF23]. **Learning** [Ano20-51, ASKR24, ASHK22, BSCH23, CAK+23, CAK+24, EOÖ21, GZD+23, HSJ+20, KKW+21, Lia23, MBFS21, MMN+25, PBS21, RSWS23, RFPRC23, SPV+21, TK20b, WLY+23, WbM+24, WCSX22, WKL+21, WrJP+22, Woo24, XHZ25]. **Learning-by-doing** [ASKR24]. **least** [PCK+22]. **leatherback** [CMG20]. **Lei** [ZCJ+20]. **Leipzig** [BEH+25a, BEH+25b]. **leishmaniasis** [ZMG+21]. **Lemna**} [GRGV25]. **lemuru** [PYD+21b, PYD+21a]. **length** [BPK+20, LCMB21]. **lens** [DK22]. **leopards** [PWN+24]. **Leslie** [SQDM21]. **Lesotho** [RMO22]. **Less** [XGT+24, TSdOCV21]. **lesser** [BGS+20, vdMvDSL20]. **lesser-known** [BGS+20]. **lesson** [Fou21]. **Lessons** [For24, LBGD21]. **Level** [Por21, AVRC+20, DvDA24, EOÖ21, EBH+25, LYL+24b, MSML24, MAW+24a, MAW+24b, PPH+21, PR22, QXZ+25, SH25, 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, DR25, EL22, HKG+24, KD20, KBSS23, LBSR25, LUT+24, MMS+24, LPRB+25, MFF+24, NGA+20, NK23, RPG20, SLYL+20, SNN24, SINS22, SFFL25, vDC20]. **life-histories** [RPG20]. **Life-history** [JOE23, DR25, KD20, NK23, SLYL+20]. **lifespan** [KN20]. **Light** [SBMF23, BWCD23, HMC20, PNGESS21, RHP+24, SMS+24, TMNA20, Yu20]. **light-climate** [HMC20]. **likelihood** [NT23]. **likely** [WWA+22]. **limitation** [LLB+23, SGH+23]. **Limitations** [PPJN25, GMG+25]. **Limited** [NK23, HKB+20, HLW+20, HLZ+22, ZWL+21]. **limiting** [CKK+24b]. **limnology** [DBK20]. **limpet** [GSM+20]. **linear** [SDD+20]. **lines** [CDC+22, DCCL24]. **link** [BPF24, MGWG22]. **linkages** [MFPIBGES23]. **linked** [PRM+24]. **Linking** [HKH+23, JTH24, JLH+21, KWG+22a, SCC+25, AB21, Jor22, REGI+24]. **links** [AS22, MPMT23]. **Liolaemus** [NMGFOB21]. **lipped** [RRCZ20]. **list** [SCACB23]. **literature** [MMRBLN20, MFK+25]. **Litopenaeus** [dMFOM+20]. **litter** [LDXJ22, MLJ+23, SLHB+23]. **Liulin** [ZZLF24]. **live** [VMG+24]. **lived** [LGK+23]. **livelihoods** [CNSK21]. **lives** [MFK+25, SCH+21]. **livestock** [GJC+20, JST+22, MTS+20, MD23, RMD+24a, RMD+24b]. **Living** [BLP20, TLH+20, ZZQ23, WBS+24, XHZ25]. **LMfireCF** [ERP21]. **loading** [CR24]. **loadings** [WCG+24]. **loads** [NA22]. **Lobesia** [AZMD+22, AZAD+23, CdCAC+20, PSM22]. **lobster** [BHC22, HBMR24]. **local** [CMGD+22, CMRF+24, HBJ25, KJH24, LSL21, MSL+21, MAGR+22, MKEH20, MM21, OZSU22, PDW23, PRdN+20, PDGB21, RLS+24]. **localized** [VRW+21]. **location** [GNH+24, LDC+20]. **locations** [MGK+23]. **lock** [EOÖ21]. **lock-down** [EOÖ21]. **locust** [LAK+23, SGV+24]. **Loess** [SZL+21, TGL+22, WXT+20, YLLL23]. **Loggerhead** [MZLRSZ21, CRZ+23, II24, PTD+23]. **logging** [ACD+24, BSS+24]. **LoggingLab** [BSS+24]. **logic** [DSHB23, KLH+24]. **logic-embedded** [KLH+24]. **Logistic** [SLC+20, KAB23a, PSG21, YXY+20]. **Lombard** [RCCLMGV22]. **London** [CCH20]. **Long** [RSASP22, ABH+20, BLB+20, DYMD22, FMRMAS24, JLV+21, JSD+22, PKO+21, SZ20, YSIB24]. **long-range** [FMRMAS24]. **Long-term** [RSASP22, ABH+20, BLB+20, DYMD22, JLV+21, JSD+22, PKO+21, YSIB24]. **longiceps** [HMVR21]. **longleaf** [JLH+21, SLHB+23]. **look** [BBSHC22]. **loop** [AIA+23]. **loops** [RGRMRR20]. **Lorestan** [AAM+22]. **loses** [MKN23]. **loss** [ALK20, JRD+22, LSL20, LAK20, MMdP+21, cNKF24]. **losses** [LLLZ21, SAdA+22, YDJ+24]. **Lotka** [MSML24, NMGFOB21, SIOM24]. **Low** [HP20, MTL+23, RM20, Lef23, LCM24, MDB+20, WAHA+24, YXH20, ZBW+24, ZL24]. **low-dose** [YXH20, ZL24]. **low-input**

[MDB+20, WAHA+24]. **lower** [GZ23, MJdORPG23, LUT+24, WAG25, XZZ+22]. **lowland** [HCPG20]. **Loxodonta** [DDG+21]. **LPB** [HHR+25]. **LPB-RAP** [HHR+25]. **LPJ** [ERP21]. **LPJ-GUESS-LMfireCF** [ERP21]. **LSTM** [XS25, ZHWZ23]. **Ltd** [Pas21]. **LUCC** [WLL+24]. **LUCIA** [WMA21]. **LUE** [FCT+25]. **LUE/SIF** [FCT+25]. **lupus** [HKG+24]. **Lycium** [SWHZ22, WSHZ24]. **Lyme** [GMV24]. **lysis** [KPLH24]. **lytic** [CGZ24].

**Macau** [XWZ+22]. **Machine** [Ano20-51, CAK+23, MMN+25, ASHK22, BSCH23, CAK+24, GZD+23, HSJ+20, KKW+21, MBFS21, RSWS23, RFPRC23, WbM+24, WKL+21, Woo24]. **Machine-learning** [CAK+23, BSCH23]. **machine-learning-individual-based** [WbM+24]. **Macrhybopsis** [WAG25]. **Macro** [RTH+21, NO23]. **macro-** [NO23]. **Macro-symbiosis** [RTH+21]. **macroalga** [LFN+20]. **macroalgae** [VN23]. **macroecology** [GRS+20]. **macroscopic** [ZZWF21]. **Magellan** [HLN+25]. **magnitude** [CGB+23, LS25]. **main** [BNAR+21, HLW+20, RJY+20]. **Maine** [BHC22]. **mainland** [ZXK+24]. **maintained** [SLHB+23]. **maintaining** [MSG21a]. **maintenance** [AG22, MJ24]. **maize** [AMK21, dSBDH23, GLK+22, GZD+23, VSS+22, WXH+22, KFM+23]. **makers** [RMS24]. **Making** [CSMP21, For20, BLAA25, BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Malaba** [COS23]. **Malakisi** [COS23]. **malaria** [KE24]. **Malayer** [KT22]. **Malaysia** [RHN+25]. **males** [HLB+20]. **mallards** [WWF+23]. **mammal** [Dav22, JSD+22]. **mammals** [HLN+25, TSdOCV21]. **Managed** [Dav22, ACFM22, BLL+23, DS24, MPCG21, SLB+23]. **Management** [Ano20-51, Mea20, PPJN25, ABH+20, AZBdAI23, ACC+24, AA25, ASB25, BH21, BAM23, BM21, CLZ25, CGC+25, CSMP21, CAB+21, DBN+22, GSC+23, Haa24, HKH+23, HAZEF23, JLH+21, LWZL23, LCMB21, MA25, Mau24, MLV24, MVC+22, MPT+25, 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, Ano25l]. **margaritifera** [SLYL+20]. **margin** [KJH24, LWL24]. **Marginal** [Men22, ESCA22]. **marginalis** [GMM20]. **marginalized** [KCS22]. **marina** [SIOM24]. **Marine** [BDA+20, BWS+20, BCM25, BARF20, CMGD+22, CBG+22, CL24, CNNS+21, DS23, Dav22, FSY22, GMG+25, GRGHM21, GDC24, HZ22, HLN+25, HES+20, HES+23, JPMA+23, JSD+22, KKPR20, LLB+23, MDB+24a, MS20, MBFS21, MSML21, MMRBLN20, MZLRSZ21, MFF+24, MBD+22, RUTY23, RMS24, RAB21, SBS+21, SMV+20, WA20,

WLSJ24, YD20]. **Marion** [GCSlR22]. **maritima** [HBP+21]. **maritime** [YD20]. **maritimus** [LGC+25]. **marketability** [CLY+23]. **Markov** [RWZ+24, 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** [CGC+25, GGS+22, LJP+22, TIKM24, WGAH22, BDP+23, BCMV20, EBS23, FH24, GAC+21, GRAA22, Ino22, RCCLMGV22, RWF22, SE20a, SE20b, SvV21, ST24, WPL+23, WWW25, YXY+20]. **mathematics** [ZWL+21]. **matrices** [TK20a, TTPA21]. **Matrix** [TK20a, CCJK+20, CP20, LKO20, LSG21, PTG+20, SCB+20, SdlP20, XYZR21, dVDC20]. **Matt** [EVT+21]. **matter** [AB21, FMSR20, TFH+25, WTT+21]. **matters** [BS20, Fou21, RWS+21, VVH+20]. **mature** [DAC+25]. **Mauve** [EWE20]. **MaxEnt** [HPMB20, SRTS20, SM22b, vSS24, ATP20, SC24a]. **maximize** [DGVVP23, RMCCB24]. **Maximum** [dSCdA21, AKM22, DCCL24, GCS+21, HMDO20, dRMJdS23, dAPdBMT23, RLM23, WT20, XJW21]. **maximus** [RHN+25]. **May** [Ano20i, Ano20u, Ano21i, Ano21u, MBD+22, SGB+24b, Ano22u, Ano23u, Ano24u, Ano25m]. **mayfly** [KFJS20]. **MCDA** [USA21]. **MCDM** [ŁJ21]. **MCR** [HYY+24]. **meadow** [ALS+21, PR22]. **mean** [Dav22]. **meaningful** [BCM25]. **measure** [RP22]. **measured** [AAR23, GCSlR22]. **measurements** [ASHK22]. **measures** [JTH24]. **Measuring** [DPA21, GPN+23]. **mechanical** [MLMI23]. **mechanical-ecohydrological** [MLMI23]. **mechanics** [YEL+21]. **mechanism** [BGA+23, CR24, DDH+22, FNA+25, SIOM24, SZL+21, YXH20]. **mechanism-based** [FNA+25]. **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, PPL25, RBEH21, RMD+24a, RMD+24b, SH25, XS25, dAWG23]. **mechanized** [NGA+24]. **Medawar** [WWK+24]. **media** [PDW23, PAS23]. **media-based** [PAS23]. **mediate** [SM22a]. **mediated** [VVH+20]. **Mediterranean** [RSC+21, RSC+23, AACCIS20, BRC+21, BCMV20, CLOFD+25, DAQ20, DBD+25, LPD+20, MTL+23, PGSL+20, SBF+21, SMD+20, SZKLL24, TMM25]. **Mediterranean-type** [AACCIS20]. **megafauna** [RAC+24]. **meiofauna** [vdHNH+20]. **Mekong** [LUT+24]. **melanogaster** [SLM24]. **melitensis** [LGFT+20]. **mellifera** [JSL+20, LBT+22]. **Membracidae** [PTBFP+20]. **memorized** [Sak23]. **memory** [RBGB23, SZ20, TPD+24]. **Menidia** [SNN24]. **Mercury** [CB20]. **Merging** [RBEH21]. **Meriones** [ZMG+21]. **mesic** [ZFT20]. **Mesocarnivores** [SOV21]. **mesopelagic** [CGRR+24]. **mesotidal** [CMGD+22]. **Messina** [SGP+20]. **meta** [NMV+23, OKS+21, RLS+24]. **meta-ecosystem** [RLS+24]. **meta-ecosystems** [OKS+21]. **meta-goal** [NMV+23]. **Metabolic** [LMD+25a, CMA23, GSM+20, KN20, LK24a, MTS+20, SGLK20, VVH+20, XJW21]. **metabolism**

[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, RGW+25]. **metaphor** [SGPSzC22]. **metapopulation** [FdKO21, FAC22, HWSD24, HWSD25, NTHC23, RGB+23, SdlP20, BGC+23]. **metapopulations** [BSR21, TA20]. **meteorology** [JPL21]. **methane** [SMM+22]. **method** [AAM+22, DL21, For20, FG21, FCT+25, KFM+23, KK20, LSK24, ML20, MSS24, PMZ+21, Pal24, SSM24, SZ20, SDH21]. **Methodological** [SLB+20a, DBDR22, dMT23]. **methodology** [OMC+24]. **Methods** [LAC+24, Mea20, AIA+23, ACM24, DVPPMV+24, GZD+23, JL23, LGK+23, MDT+23, MB25, TFH+25, TGS+25, WT20]. **metric** [GAM20, OW20]. **metrics** [GSJC22, GWH20, SBFBDM24, SDSP+21]. **metrix** [CC23]. **Metropolis** [MB25]. **Metropolitan** [MTP+20, AXMJ22, BBCD23, NSS+23, WWC+22, SBF+21]. **Mexico** [CGRR+24, MZLRSZ21, PAPRMALO25, RWF22, WSFZ21]. **MFA** [GM23]. **MGB** [dPGDdFS24]. **MGB-IPH** [dPGDdFS24]. **Michigan** [PRM+24, SLB20b]. **micro** [KKP+21, NO23, PCK+22]. **micro-organisms** [KKP+21]. **micro-plastics** [NO23]. **micro-scale** [PCK+22]. **microalgae** [FEP25]. **microbe** [BMB24b]. **Microbial** [MSL+21, AKY+22, KAB+23b, KKPR20, MKN23, YXH20]. **microbiome** [LLZM20]. **microbiota** [LSL21]. **microclimate** [FEP25, MK21]. **microclimates** [SVK20]. **Microclimc** [MK21]. **Microcystis** [DAQ20, SH25]. **microphytobenthos** [vdHNH+20]. **microphytobenthos-meiofauna** [vdHNH+20]. **microplastics** [BRBT22]. **Micropterus** [LBI+20]. **microsimulation** [MKR20]. **mid** [KKW+21, WWF+23]. **mid-continent** [WWF+23]. **Middle** [WBS+24, XMWL23, XZZ+22]. **Middle-lower** [XZZ+22]. **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, UM25, WGK+21, WbM+24, ZLL+23]. **migratory** [ARSC22, DAB+20, KdRW25, SGA22, SGV+24, WbM+24, XCH+21]. **mikimotoi** [GSJ+22]. **milk** [OZSU22]. **Mill.** [SKW23]. **Minas** [MRR+20, dPGDdFS24]. **MinBAR** [RPT21]. **Mini** [OKS+21]. **Mini-review** [OKS+21]. **minimal** [Loe25, RPT21]. **minimalistic** [DDDC21]. **Minimizing** [MTS+20]. **mining** [GLP+25, JLZ+25, LLW+21, WLL+24]. **mirabilis** [HBP+21]. **misapplications** [CRF24]. **misinterpretations** [CRF24]. **mismatch** [AAR23, GMV24, PCL24]. **missing** [JM22, ŁKPK22, MGWG22, RBVL+20, SPV+20]. **Mississippi** [WWF+23]. **Missouri** [WAG25, BGK+20]. **mite** [MMC+21]. **mites** [TCG+20]. **Mitigating** [LG20]. **Mitigation** [CDN+23, CLG20, MLV24, NMC+20]. **mixed** [DMGP20, HMC20, LhNA+21, LhNA+22, MTZA23, SRÁMH+20,

SWW+25, SMD+20, TMNA20, WLT+23, YSIB24]. **mixedwood** [SGB+24b]. **mixing** [EVT+21, KUK+21]. **mixoplankton** [SGTS21, SGTS23]. **mixotroph** [CR24]. **mixotrophic** [LBPL20]. **mixotrophs** [CMA23]. **mixotrophy** [CR24]. **mixtures** [Pre22]. **mobile** [FdKO21, FSY22]. **mobility** [KAPZ25]. **mode** [KS22]. **Model** [BWT+24, DLT+22, JBB+25, KUK+21, KAT+22, LWL24, MGF25, PKB+23, RSB+23, RCSS20, TLH+20, Tra24, Tur20, YHC+21, AJG22a, ABKA24, Abe20, AB21, AZMD+22, AZAD+23, AXMJ22, AE22, AS22, AM22, ADSvdZS25, AA25, APGD+21, ABC+22, ACZ+21, AACCIS20, BSR+23, BSPT23a, BSPT23b, BOLC+22, BDP+23, BLA+24, BAAN24, BMB24a, BKTM20, BPN+20, BGS+20, BANG20, BGR20, BGA+23, BGCJ21, BA20, BGC+23, BMBB24, BGA22, BST+20, BWS+20, BNN20, BAM23, BEH+25a, BEH+25b, BRBT22, BLSR+20, BAZ22, BC25, 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]. **model** [DAG+21, DDH+22, DHY+25, DGSM21, DGVVP23, DDG+21, DP20, DBN+22, DDDC21, DLZ+21, DAC+25, DVVH21, DWH+21, EL21, EWE20, EBMK20, EBH+25, EHS+20, EL22, EBS23, ERP21, ESZ+23, FMH+20, FH24, FC21, FFM+23, FEPR24, FMRMAS24, FGM+24, FAC22, FSZ+20, FZS+20, GSR+23, GNH+24, GHB+25, GAMN+23, GMM20, GSC+23, GGMR20, GRAA22, GRCSA+20, GSRB22, GXZ+24, GRGV25, GWD+23, HBLC+25, HMGK20, HMVR21, HLZ+22, HBMR24, HRW+24, HBC+22, HCL+24, HYY+24, HML+22, HL23, HES+20, HES+23, HH23, HLGF24, HEL+21, HGBK23, HCP+20, HHR+25, HFSL+24, HLM+20, HCX+21, HLS+23, HFP20, HFP22, JvVvHH24, JTH24, JLH+21, JMHH22, JGG23, JLL+24, JLV+21, JPL21, Jia21, JZHT23, JLZ+25, JHKT+23, JSL+20, JSD+22, Kag25, KiAM+20, KAMS22, KMH+21, KAB23a, KN20, KCP+23, KABL21, KWG+22a, KE24, KKF+23, KLH+24, KMP+23, KS22, KD20, KKH+24, Koo20b, KWG+23]. **model** [KTB+21, KWP+23, KPLH24, KKPR20, LBSR25, LTR+24, LGFT+20, LE23, LDR+20, LFN+20, LUV+23, LLC+24a, LS25, LPSF24, LKP+20, LBGD21, LBI+20, LYC+21, LJP+22, LWE+22, Lia23, LSY+25, LDX+23, LZW20, LCW+21, LPS+21, LWZL23, LCH+25, LKB+25, Loe25, LNK+21, LYL+24b, LGA20, LCMB21, MK21, MDB+24a, MKR20, MT23, MNMN25, MS20, Mat23, MHP+23, MJ24, MSML21, MLJ+23, MSLMM22, MBG+22, MTBB22, MVAD20, MOS21, MLV24, MZLRSZ21, MFF+24, MJS24, MMMS23, MPCG21, MPL+20, MPA+24, MPT+25, NWO21, NO23, NHGP23, NCG+24, NGA+20, NDNN22, NLW+24, NT23, NYH20, NTHC23, NH25, NMGFOB21, OFH+20, OHR+23, OLM+24, PBF+23, PG23, PDH+22, PFM+21, PVS+21, PSM22, PSG21, PSBE23, PDD+22, PPH+21, PTG+20, PGB+20, PPL25, PMB+22, PAdS+24, PKKT+24, PMP+21, PGdAM+20, PR22, dAPdBMT23, PM22, POWS24, QZSV21, RSWS23, RCCLMGV22].

**model**
[RTB+24, RWF22, RFCEL22, RFJ+22, RBMRR20, RJY+20, RUTY23, RRL+25, RBEH21, RMA+24, RRSG21, RGB+23, RGB22, RBVL+20, SBS+21, SGB+24a, SLHB+23, STQ+22, SJA+22, SSM24, SH25, SFGB23, SvV21, SBM+22, SMM+22, SWHZ22, SIOM24, SLM24, mSzZK+21, SACEU+21, SBR+25, 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, TMM25, 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, WZT+25, WGBW25, WYBX23, WMA21, WBD+22a, WWF+23, WCSX22, WWA+22, WKL+21, WJ24, WAG25, WLSJ24, XYZR21, XLS20, XCZ+20, XLM+23, XHZ25, YDQ+23, YLL+25, YRK+20, YXY+20, YLS+21, Yu20, YCI20, ZMG+21, ZYZ22, ZZZD22, ZPZ+22, ZZQ23, ZLLZ24, ZL24]. **model** [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, ADSvdZS25, JvVvHH24, WRC21]. **modeled** [AAR23]. **modelers** [SCC+25]. **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, JBB+25, KRMP23, KCS22, LSA+21, LOZT25, LSL21, LGC+25, LCLG20, LSS+21, LGL+24, LCM24, LDXJ22, MMS+24, MPSS24, MEGA21, MCB+23, NKT+20, NAM22, PK23, PBH22, PRM+24, PZH+21, PPJN25, QS23, RBLS23, RRP+23, RKN+21, RGD20, SKPL24, SGTS21, SPB+24, SBF+21, SCH+21, SINS22, SWP+23, STK+25, SZKLL24, SDP21, TCB21, Tsy22, UCM+25, VRW+21, Vas23, VLGG+20, WXH+22, WLY+23, WSW23, WGBW25, WB24, YFW+21, YEL+21, ZRMW+20, AZALP+24, AGS+21, AGS+22, AHO+20, ASB25, BZZT22, BdCCdSAdS23, BPL+20, BAR24, CZY+25, CGZ24, CAK+23, CAH22, CKC+24, CKC+25, DAQ20, EOÖ21, EVHS21, ELS23, EV22, ERP21, FNA+25, FGC24, dMFOM+20, For24, GCB+22]. **modeling** [GSA24, GXZ+24, HBP+21, HZ22, HLN+25, HPMB20, HMDO20, HBRK24, HSD+21, HCPG20, JZS+21, JMC+22, JM22, JGM25, KKP+21, KLL+24, KGBL24, KFJS20, KLPJ24, KBAC20, LJRM+20, LBB20, LJP+22, LGA20, LUT+24, MA25, MGC24, MVC+22, NBML21, NA22, NCG+24, PGP+22, dOPdMdS+21, PKW+25, Pre22, PCK+22, QYW+25, RMV+24, RHN+25, RK20, RFHR24, RFF+23, RBEC21, RBEH21, SAL+22, SLYL+20, SLC+23, SHT21, SOV21, SC21, SKH+20, SCC+25, TSdOCV21, TIKM24, TGS+25, WWW25, WDW+22, XS25, YDLT24, ZOJ+23, ZWZ+24, ZL24, ZWZ+20, vdHNH+20, vdMvDSL20, AJG22b, SGTS23]. **Modell** [BS20]. **modelled** [CLW+24, GHK23, JOE23, KHH+22, KHH+24, MPPM23]. **Modelling** [ABH+20, AAAR24, AGP20, AHK+25, ABR24, Ano25h, BCGR25, BJKT21, BP25, BH21, BLL+23, BAR20, BGA22, BEH+25a, BR25,

CH22, CBW22, COJ23, CDN+23, COS23, CVTS20a, CMG20, CIL+20, CSB22, DYMD22, DMM+23, DBD+25, EWE20, FMSR20, GMM+24, GRGHM21, HLB+20, HES+23, HWSD25, KWC24, KTB+23, KHH+24, LE23, LK20, LRA+20, LBPL20, MLMI23, MAN+20, MSLM+24, MMMS23, NSS+23, NHGP23, NS20, NPK+23, NTHC23, Pas21, PRM+25, PEFW20, PKO+21, RPB+23, RSC+21, SBS+20, SE20a, SGP+20, SLB+20a, SGTS23, SLB20b, SPPC21, SRM+24, SML+20, TGRM23, TZC25, VMM+21, VSK+20, WHE+24a, WWP20, WXT+20, YLLL23, ZSS20, dAWG23, vWVH20, AADHA+23, AMK21, Ale25, ADSvdZS25, Ano20-50, ACM24, BdSG+23, BPW+21, BRC+21, BdBG+21a, BdBG+21b, BRNOJ25, BSB+24, BS20, CFL+22, CDNN+20, CSMP21, CN20, DTR+22]. **modelling** [DIS23, DAGR25, DK22, DZBB24, DKM+21, DVPPMV+24, DWG22, DSHB23, FSY22, FLG+23, GMG+25, GDF22, GGS+22, GCS+21, HKB+20, HSP+22, HHT21, HK23, KFM+23, KWM+24, KWG+22b, Kiv24, Kos22, LBL+24, LG20, LS24, LQH24, LCX+25, LSG21, MSG21a, MSG23, MSL+21, dSMPA+22, MAD+20, MDP21, MSS+25, MDB+20, MTW+22, MCMP+24, MFPIBGES23, MBP+25, MWB+24, MTT22, MFK+25, MAW+24a, MAW+24b, MSS24, MM21, NMC+20, OBFH22, PMMTF+24, PTRP23, PBS21, PWG25, PKKT+24, PMP+21, PGSL+20, RS23, RPG20, RHP+24, RFPRC23, RMS24, dSRDC+23, RGW+25, RLdM20, RAC+24, RMD+24a, RMD+24b, SCB+20, SRTS20, SVK20, SACEU+21, SCACB23, SWF21, SGA22, SC23, SL24, TFH+25, TMNA20, WG21, WWK+24, WGFS24, WT20, YKZ+23, ZMS20, ZJEG24, ZLL+23, vOVvdW23]. **Models** [ECC+22, Haa24, AHH22, AJ22, AZLPGE+24, AMP+23, ABB23, AS22, Ale25, ATP20, AFdSM23, AWW24, ALJ+22, ASKR24, ACFM22, BPF24, BM22b, BM22a, BLB24b, BSCH23, BMM22, BRNOJ25, BWSS21, BRSW24, BCM25, BLSR+20, BMG24, BG22, BVR+20, CLOFD+25, CSZY+20, CSBS21, CCJK+20, CWH+21, CDB+20, CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24c, CKC+25, DMG22, DAB+20, DRZ+24, DSP+25, EJ20, FDSM20, Fou21, FHP+22, GVG+23, GSH+22, GBC+25, GWH20, GML+20, GSM+20, GLK+22, GSMD24, HKH+23, HFSL+24, Ino22, IBB+21, IBB+22, Jag20, JJN22, JZJ+20, KWC24, KdRW25, Kle23, KKM+24, Koo24a, LL22, Laz23, LEC+23, LK24b, LPHO+20, LKO20, LSB+25, LAC+24, MLD+23, MKS21, MDBvdBB24, MGK+23, MYACC22, Mas23, MBFS21, Mau24, MGF25, MMRBLN20, MVAD20, MBS22, MBD+22, NCB25, NGE+21, OTR+21, OHH+21, OMC+24]. **models** [OCT+23, OHP+23, OW20, OKS+21, PGP+22, PRM+24, PWG25, Pie23, PAB+22, PFK+22, PTNR+20, RSS24, RSWS23, RSC+24, RGH+25, RRCZ20, REGI+24, RPT21, RRFLV+22, SdlP20, SVK20, SCF+24, SOV21, SKW23, SE22, STW+23, SKAB25, SBFBDM24, SSB22, SGRDA+24, SDP23, SBMG24, Ste20, TFH+25, TMFV22, TQM+24, TCG+20, TGL+22, Tur20, VDK+24, VRS20, WHE+24a, WHE+24b, WSM24, WSL+22, WTT+21, WBD+22b, WFD23, XS25, ZZŠ+22, ZFP21, dAdSCA20, RWZ+24]. **modern** [Ano20-49, JMD+25, SACE+20]. **modes** [BDC+22]. **Modified**

[TLC+22, VK24, BPB+20, CMG20, LWZL23, NS20, YXY+20]. **modulate** [TRMB20, VBH20]. **module** [TGB+23]. **modules** [SWW+23, ZMF+20]. **moist** [KWP+23]. **moisture** [AJJ24, HKH+23, JMD+25, LCH+25, PRM+25, VMG+24]. **moment** [BLP20]. **Mongolia** [NWO21]. **Mongolian** [ZYM+21]. **monitoring** [JZJ+20, LL22, LM23, LGK+23, PAPRMALO25, PSZ20, REGI+24, WDW+22, WrJP+22, Yao21]. **Monod** [WGAH22]. **monodon** [BAAN24]. **monoxide** [KKPR20]. **monsoon** [NDNN22]. **montane** [ZLL+23]. **montdorensis** [TCG+20]. **Monte** [MB25, 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, AHK+25, BAAN24, CAK+23, CAK+24, CDC+22, GRGHM21, HHBF24, LPS+21, MCMP+24, MKR20, NTHC23, PCL24, SKPL24, LPS+21]. **mosquito** [DBD+25, FGM+24, VMM+21, WRC21, WKL+21]. **mosquitoes** [BM22b, HLB+20, KWG+22a, NS20]. **most** [KDC+21]. **moth** [LGG+22, LB24, PVS+21, SBR20]. **Moths** [RBGB23]. **Motility** [SBMF23]. **motion** [RGB22, WLY+23]. **motivated** [PF23]. **Mountain** [BL25, MZX25, ACFM22, BP25, BGA+23, IBB+21, IBB+22, SFGB23, SKW23, SC23]. **mountainous** [ZLLZ24]. **Mountains** [WYBX23, ZZLF24, CWH+21]. **Movement** [MKS21, Pér24, ABB23, ABR24, Ano20-50, AJJ24, BLB24b, BTC+22, CDNN+20, CNNS+21, DDG+21, JSD+22, PBS21, TLL+23, TPD+24, WWF+23, WDP24, dKS22]. **Movement-based** [Pér24]. **movements** [BLP20, GMM+24, RMD+24a, RMD+24b, Sak23, STQ+22]. **Moving** [LBN+22]. **MRIO** [XLM+23]. **MSY** [RLM23]. **much** [RMCCB24]. **Multi** [BCW+23, BMB24b, MTBB22, NMS24, TRMB20, Ano20-50, AHO+20, BOLC+22, BGCJ21, BLAA25, BM21, CWH+21, EL21, GLA+20, Gat21, GHB+25, HHBF24, HLM+20, HK23, IBB+21, IBB+22, JVGC21, JLZ+25, KFM+23, LS25, MP23, MTZA23, MPCG21, MSS24, NCB25, NWJ+22, NAM22, OMC+24, OSPZ22, Pal24, PBS21, RMA+24, SRÁMH+20, SWP+23, VRS20, VSS+22, WLY+23, WFW+24, XLM+23, XHZ25, USA21]. **multi-action** [SRÁMH+20]. **multi-agent** [WLY+23]. **multi-armed** [Gat21]. **multi-constraint** [NCB25]. **multi-criteria** [BLAA25, 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, GHB+25, NAM22]. **multi-parcel** [OSPZ22]. **multi-pathogen** [LS25]. **multi-population** [EL21]. **multi-region** [XLM+23]. **Multi-scale** [TRMB20, CWH+21, HLM+20, JLZ+25, PBS21]. **multi-scaled** [AHO+20]. **multi-scenario** [MP23, MTZA23, WFW+24]. **Multi-sectoral** [BCW+23]. **multi-sensor** [JVGC21]. **multi-source** [XHZ25]. **multi-species** [BGCJ21, BM21, MPCG21, VRS20]. **multi-state**

[RMA+24]. **multi-tier** [OMC+24]. **multi-trophic** [GLA+20, HK23]. **multi-year** [HHBF24]. **multiannual** [PMP+21]. **multicriteria** [CEB+24]. **Multidimensional** [MFH+22, SAL+22]. **multilayer** [HNC+21]. **multilocularis** [MMMS23]. **Multimedia** [WLQ+23]. **multimodal** [FCP+20]. **multimodel** [LLLZ21]. **Multiple** [CDC+22, SGLK20, ABM20, AM21, AZBdAI23, CM21, DDL+20, GSJ+20, HCL+22, JHL23, LSK24, LPD+20, MBG+22, MGF25, MFF+24, MM21, WGMR23]. **multiple-objective** [WGMR23]. **multipurpose** [CXZ+23]. **Multiscale** [NCG+24]. **multispecies** [For20, XYZR21]. **multistate** [SDP23]. **multitrait** [CP20]. **multitrophic** [MPT+25]. **Multivariate** [ZFC+23, MA25]. **municipal** [CAS+24]. **mussel** [FDSM20, RRCZ20, SSB22, Vas23]. **mussels** [BDP+23, KWM+24, SLB20b, WSZ+24]. **mutualism** [AM21]. **mutualisms** [DAG+21]. **mutualistic** [BDC+22, LBL22, YL22]. **my** [LJRM+20]. **mycorrhizal** [MGHT20]. **mydas** [SMV+20]. **mystery** [GDC24].

**N** [AAR23, BGA22, GSR+23, GSRB22, ZBH+22]. **N-fixing** [GSRB22]. **Nacella** [GSM+20]. **Nærstad** [HEL+21]. **Nanjing** [LDZ21]. **nanoflagellates** [LBPL20]. **Naples** [SBF+21]. **Narragansett** [HML+22, LUV+23]. **Narran** [LHJ+24]. **Nash** [SACE+20]. **natal** [vdMvDSL20]. **National** [ECC+22, MZX25, SOV21, BST+20, EBH+25, PK23, PWN+24, PPH+21, MRM25]. **native** [DP20, Ino22, KWM+24, KKF+23, MRR+20, dOPdMdS+21, SWL+23, SC23, SZKLL24, TGS+25]. **Natural** [Ano20-51, SMD+20, AVP+23, ASB25, BWCD23, BARF20, BDA+20, CDJ+22, CPAT20, DS24, GPN+23, KCS22, LRA+20, LGG+22, MSG+21b, MPL+20, RFCEL22, RFPRC23, TBCV22, WG21, ZPZ+22]. **naturalisation** [RPARM20]. **nature** [Ano20-50, ASB25, BWCD23, CXZ+23, DYMD22, HPMB20, RGH+25, RLS+24, WZLC24, HPMB20]. **nature-based** [RGH+25, WZLC24]. **Navigating** [RSS24]. **navigation** [KdRW25]. **nearest** [PSZ20]. **nearest-neighbour** [PSZ20]. **nearshore** [PRM+24]. **necked** [KLPJ24]. **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]. **NetLogo** [GBC+25]. **Network** [CRF24, HHB+24, JVGC21, LLZM20, Abe20, BLB+20, CFC25, 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, CLZ25, DPA21, DSP+25, EOÖ21, FdKO21, Gon23, GML+20, GCMU23, HMDO20, HNC+21,

KMAA23, LBL22, PDW+24, SNM+23, SWW+23, WLWL23, WB24, XS25]. **Neural** [JVGC21, BLB+20, CCH20, MS20, PSG+22, SNM+23, SZ20, XS25]. **neutral** [DAC+25, EON23]. **newly** [BGA22, SBR+25]. **Newman** [RFHR24]. **Next** [EHS+20, MKS21]. **next-generation** [MKS21]. **nexus** [BSB+24, DLZ+20, NMV+23]. **NFI** [PPH+21]. **Niche** [Kos22, ARSC22, BMS+20, BG22, CIL+20, CYP+20, Cor20, FSY22, Fou21, HLZ+22, JS22, LLZM20, MYACC22, MMRBLN20, PPL25, SBMF23, SACEU+21, SCACB23, TSdOCV21, WCF+22, ZFP21]. **Nile** [TGRM23, BGC+23, KWG+22a]. **Niño** [HSL+22]. **Niño/Southern** [HSL+22]. **Nitocra** [KD20]. **nitrate** [MKN23]. **nitrogen** [AKY+22, BCW+23, BH20, BGA22, CGZ24, CL24, DAGR25, DGVVP23, FSZ+20, FZS+20, GSR+23, KKP+21, LLLZ21, PGSL+20, RLdM20, SCG+24, SMM+22, Ste20, WZZF23, YG21, YZZF22, YDJ+24, ZMF+20, ZZWF21]. **Nitrous** [AAR23, ZMF+20, ZPZ+22]. **Nitrous-oxide** [AAR23]. **no** [DS23, Koo20b, CCH20]. **no-take** [DS23]. **NoBa** [SHF24]. **nobilis** [GRGHM21, HMGK20]. **noctiluca** [EWE20]. **noise** [JSD+22, RCCLMGV22, SHF24]. **nomadic** [RRL+25]. **nominal** [PPSS22]. **nomurai** [XFK21]. **non** [AVP+23, CWH+21, Fer23, HI22, HSL+22, KKF+23, LOZT25, MOS21, PWN+24, RSC+24, RWZ+24, vWVH20]. **non-adaptive** [AVP+23]. **non-attentional** [vWVH20]. **non-eruptive** [Fer23]. **non-independent** [HI22]. **non-invadable** [MOS21]. **non-native** [KKF+23]. **non-representative** [CWH+21]. **non-stationarity** [HSL+22, PWN+24, RSC+24]. **non-stationary** [RWZ+24]. **non-timber** [LOZT25]. **Nonlinear** [Vas20, ZXK+24, KWC24, MLMI23]. **nonparametric** [RFPRC23]. **nonstationary** [CKK+24b, HYY+24]. **Nordic** [SHF24]. **Norfolk** [ZOJ+23]. **norm** [MGWG22]. **NORNE** [HGBK23]. **North** [SGTS21, SGTS23, BBCD23, BC25, CGC+25, NT23, PMB+22, PTNR+20, TBZ+22, YLL+25, ZBH+22]. **North-Western** [BBCD23]. **northeast** [CBG+22, DCCL24, LWL24, XLS20, DTD+23, JOE23, MSG+21b]. **Northeastern** [HLH+21, WLT+23]. **northern** [BGCJ21, SLLW21, SBR+25, STW+23, ZBW+24, CFG+22, RSC+21, RSC+23]. **Northwest** [HCL+24]. **northwestern** [dTCGF+24, PAPRMALO25]. **Norway** [AHK+25, HEL+21]. **note** [AAAR24]. **Notice** [HWSD25]. **Novel** [LSG21, LGK+23, SSM24, BANG20, BMBB24, CAS+24, DDH+22, GXZ+24, ILLM20, II24, Jia21, Lef23, LSY+25, SBS+21, SRM+24, SM22b, TWL+22, WT20, ZHWZ23]. **November** [Ano20j, Ano20v, Ano21j, Ano21v, Ano22v, Ano23v, Ano24v]. **NPP** [XMWL23]. **Number** [CWF+21, HLS+23, WHE+24a, WHE+24b, WSM24]. **numbers** [CAB+21]. **Numerical** [DZBB24, GLP+25, IA23, AB21, Ano25h, CFL+22, Coo95, SZL+20]. **Nunavik** [DSHB23]. **nungara** [Fou21]. **nurseries** [LLB+23]. **nutrient** [AWW24, CR24, CSM23, FWK+20, GWD+23, HCPG20, RLS+24, TGRM23, Vas20, WCG+24, YXH20, ZZŠ+22, ZWZ+20]. **nutrient-deficient** [YXH20]. **nutrient-removal** [HCPG20]. **nutrients** [BH21, RKN+21, SSJC23]. **nutritional** [LBPL20]. **Nutritionally** [CAFT22].

**O** [AAR23, HKSM23, ZBH+22]. **Oak** [BLB+24a, BEH+25a, BEH+25b, EVT+21, NYH20, PGSL+20]. **oasis** [CWY+24, CJM+23]. **Obama** [Fou21]. **OBEC** [RFHR23]. **objective** [BMB24b, GHB+25, NMS24, NAM22, WGMR23, YA24]. **objectives** [DDL+20]. **observation** [CFL+22, SOV21]. **observations** [ACZ+21, LDX+23]. **observed** [BVR+20]. **obtained** [AAM+22]. **occupancy** [BBIP24, DL21, JJN22, SOV21, SDP23]. **occurrence** [BRSW24, RFCEL22, SSM24]. **occurrences** [BM22a]. **Ocean** [APGD+21, RRCZ20, ACZ+21, CBG+22, CSB22, KiAM+20, KPLH24, LHDBN20, LLC24b, MTL+23, NPK+23, SL24, LHH+24, NT23, dSRDC+23]. **oceanic** [CGRR+24, KNP+21, WSFZ21]. **oceanography** [LHDBN20]. **oceans** [ZGG22]. **October** [Ano20k, Ano20w, Ano21k, Ano21w, Ano22w, Ano23w, Ano24w]. **ODD** [Gri20, GBC+25]. **ODE** [RRSG21]. **ODE-based** [RRSG21]. **Odocoileus** [KS22]. **odontocetes** [RSC+23]. **off** [BAAN24, BBIP24, CSCT23, CP20, KiAM+20, NO24, NH25, Pér24]. **offers** [NCG+24]. **offs** [DSC+21, JHL23, PF23]. **offset** [BLB+24a]. **offsetting** [BSM23]. **offshore** [vOVvdW23]. **oil** [HMVR21]. **oiled** [WWA+22]. **Okeechobee** [JBB+25]. **Okhotsk** [PA20]. **old** [BWCD23, KCP+23, LDZ21, YA24]. **older** [JHKT+23]. **oleae** [PVS+21]. **olgensis** [XLS20]. **oligotrophic** [ZL24]. **Oliv** [ZWL+21]. **olive** [MPT+25, PVS+21]. **omnivorous** [JL23]. **Oncorhynchus** [BLLL21]. **One** [ACC+24, Coo95, PAS+22, DBK20, TCB21, Ano25h]. **One-dimensional** [Coo95, DBK20, Ano25h]. **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, MPT+25, PM22]. **operationalise** [BRNOJ25]. **Operationalising** [DBDR22]. **opinions** [WBD+22b]. **opportunistic** [EMH+22, TCB21, VMH+21]. **Opportunities** [PMMTF+24, AGS+21, AGS+22, HL23, LSG21, MKEH20, WGMR23]. **Optimal** [BPB+20, CC20, Fer23, BSU+23, DMPLHGL20, FH24, KLL+24, Kiv24, ŁJ21, RBMRR20, VBH20, YDLT24]. **Optimisation** [TLH+20, BMB24b]. **Optimising** [DDL+20, NND+22]. **Optimization** [MTP+20, MTZA23, WCSX22, ZZQ23, BLAA25, CWW+23, DGVVP23, FCP+20, GHB+25, HBC+22, HYY+24, LWZL23, NMS24, RK20, WGMR23, WDW+22, XHS+24]. **Optimizing** [FEP25, ESZ+23, NGE+21, RMCCB24]. **option** [KMH+21]. **options** [Haa24]. **orange** [HMLZ24]. **Orbicella** [LVM+22]. **orchard** [LBT+22]. **order** [CLHZ22, STK+25]. **ordinal** [PPSS22]. **ordinary** [Wu24]. **organic** [AB21, CMSD+22, JLV+21, KBSS23, MAD+20, MLP+20, MPL+20, RFHR23]. **organism** [ME25]. **organisms** [FLG+23, Jia21, KKP+21]. **organization** [LMD+25a, YEL+21]. **organizational** [Jor22]. **organizing** [EL21, LCP+20]. **oriental** [LhNA+21, LhNA+22]. **orientalis** [LhNA+21, LhNA+22]. **oriented** [CM21, PTNR+20, TPD+24, WWK+24]. **origin** [DLZ+20, SGRDA+24].

**ORYZA** [GSR+23, LDX+23]. **ORYZA-N** [GSR+23]. **Oscillations** [HSL+22]. **OSMOSE** [XCZ+20]. **OSMOSE-JZB** [XCZ+20]. **other** [BAAN24, LJvdM24, MJS24, RBGB23]. **Oulujärvi** [KKH+24]. **our** [GCMU23]. **Outbreak** [HCW+22, BJKT21, DMG22, Gat20, GSC+23, LS25, PCL24, STRC24]. **outbreaks** [LDS+23, MAB23, cNKF24]. **outcome** [vDC20]. **outcomes** [MKS21]. **outdoor** [BPF24, CCH20]. **outlook** [RTB+24]. **output** [COJ23, HFSL+24, HLM+20, XLM+23]. **outputs** [AVRC+20, CHR+23]. **over-harvesting** [PBH22]. **overall** [OMP+23]. **Overcoming** [GSMD24]. **overfitting** [RSWS23]. **overhead** [LZSQ20]. **overprediction** [MVAD20]. **overshoot** [Kiv24]. **Overview** [HSD+21, RTB+24]. **ovigerous** [HBMR24]. **oviposition** [dAWG23]. **owls** [CWH+21]. **oxidation** [KKPR20]. **oxide** [AAR23, ZMF+20, ZPZ+22]. **oxygen** [Ano25h, Coo95, FTH24, YFW+21]. **Oxynoemacheilus** [MA25]. **oyster** [DMPP24, GNH+24, HLS+23, SBWB24, YEL+21]. **oysters** [GNH+24, LLC+24a]. **ozone** [EOÖ21, WHW+23].

**P** [Mea20, Pas21, SDP21]. **Pacific** [HSL+22, NT23, BWS+20, dMFOM+20, GGMR20, KiAM+20]. **package** [ASB25, BSS+24, CC23, DAN+25, GSJC22, MMM+24, MS23, OSH+21, RPT21, SGPSzC22, Wu24]. **packages** [SCACB23]. **Paddlefish** [HWSD24, HWSD25]. **paddy** [GSR+23, HCX+21, LSY+25, SMM+22]. **page** [AGS+22]. **PAHs** [XWZ+22]. **paired** [dPGDdFS24]. **Pairwise** [SPV+21, MEPJ21]. **Pakistan** [SLY+21]. **palaeoclimate** [PMB+22]. **paleoecology** [Tra24]. **pallida** [KRMP23]. **palm** [DIS23, GSSC25]. **palms** [GSSC25]. **Pampas** [FGC24]. **Pan** [VRRI+24]. **Pan-Atlantic** [VRRI+24]. **panda** [DRZ+24, YDQ+23, HYY+24]. **pandemic** [EOÖ21]. **pandemics** [Laz23]. **Panopea** [LCMB21]. **panther** [CB20]. **paradigm** [AG22]. **paradox** [MYH+20]. **Parameter** [COPM23, FCL+25, CWW+23, EJ20, Haa24, LSB+25, 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, MNMN25, 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** [MZX25, BBCD23]. **part** [SCF+24, MLP+20, MPL+20]. **parthenogenetic** [KFJS20]. **partial** [COPM23, FGM+24, VMM+21]. **partially** [SGV+24]. **participation**

[ADSvdZS25]. **Particle** [GMG+25, LWE+22, RGB22, SJH+23, WSW23, WSZ+24]. **partitioning** [UGSG24, ZHWZ23]. **party** [PDW23]. **passage** [HWSD24, HWSD25, WbM+24]. **passive** [BVR+20, PDD+22]. **past** [AHK+25, BPL+20, CLW23]. **pastoral** [TBZ+22]. **Patagonia** [AM22, dTCGF+24]. **Patch** [CMRF+24, CDNN+20, FdKO21, LSL20]. **patches** [AKM22, BACS22, CAFT22, MS23]. **patchy** [FH24]. **pathogen** [AV22, CGC+25, JC25, LS25, MB22, MGC24, SWL+23]. **pathogenic** [LKB+25]. **pathogens** [SBR+25]. **pathway** [vdHNH+20]. **pathways** [CDN+23, GM23, MBB20, ZRB+25]. **pattern** [ABZ22, CLHZ22, CGV22, FdKO21, FNA+25, FMRMAS24, HYY+24, HLM+20, Kag25, SLC+20, TPD+24, WZLC24, WWK+24, WLL+24, XMWL23, ZHJQ23, ZBW+24]. **pattern-formation** [FMRMAS24]. **pattern-oriented** [TPD+24, WWK+24]. **patterning** [LCP+20]. **patterns** [AAAR23, AAAR24, BCGR25, BLvG+25, CLPZ20, CDB+20, FHP+22, GCSlR22, JBB+25, LDR+20, LZF21, PKO+21, RMV+24, WZHP21, WWC+22, ZPZ+22, ZZW+22, ZLZ+24]. **Paying** [VBB+24]. **payment** [BGA+23]. **PCA** [LNK+21]. **PCA-SEM-ANN** [LNK+21]. **PDP** [AA25]. **peak** [WF24]. **pear** [CLOFD+25]. **Pearl** [CL21, SWP+23]. **peatland** [BST+20, RPB+23, RGD20]. **Peatlands** [BWT+24, BST+20, MLMI23]. **pectinid** [LPRB+25]. **peculiarities** [SGRDA+24]. **pedestrianization** [ST24]. **pedology** [CM21]. **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, BP25, BSCH23, CMHZ23, CKC+24, CKC+25, ESZ+23, GMG+25, HBLC+25, 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** [YCZ+25, LCW+21]. **pernicious** [CEB+24]. **perpetuation** [MGF25]. **persistence** [BACS22, FdKO21, LSA+21, LJP+22, dGMCM+23]. **Persistent** [CCJK+20, LKO20, MLP+20, MPL+20]. **perspective** [CBW22, CN20, HBJ25, Jor22, LSL21, MDB+24a, MJdORPG23, SE20a, SE20b, SAdA+22, TIKM24, TZC25, WZLC24, WGFS24, ZZQ23]. **perturbation** [GLP+25]. **perturbations** [CTL22, WA20, dGZHCA24]. **pest** [AA25, BPW+21, BJKT21, JBF22, JGM25, LRA+20, LSH24, MJdORPG23, NGE+21, NLMM23, PVS+21, PEFW20, PSM+21, RCSS20, SSM24, SRM+24, YKZ+23, MTT22]. **pesticide** [BSPT23a, BSPT23b, BSU+23, MJdORPG23, PEFW20, dVDC20]. **pesticides** [PDH+22]. **PESTIPOND** [BSPT23a, BSPT23b]. **pests** [PSM+21, WGK+21]. **petraea** [EVT+21, NYH20]. **petrels** [Koo20a]. **PEWI**

[CVTS20a, CVTS20b]. **PG** [NLW+24, NYH20, SNM+23, XLS20]. **phase** [STK+25]. **Phasianus** [KLPJ24]. **pheasant** [KLPJ24]. **phenModel** [PGdAM+20]. **PhenoFlex** [KH25]. **Phenological** [CLOFD+25, KFJS20, CdCAC+20, GMV24, HCX+21, PKKT+24, PCL24]. **phenology** [DWZ+25, GXZ+24, LPHO+20, NYH20, OFH+20, PGdAM+20, REGI+24, VSS+22, ZJX+25]. **phenology/voltinism** [PGdAM+20]. **phenomenological** [AZLPGE+24, HFP20]. **phenomenological-based** [AZLPGE+24]. **phenomenology** [HFP22]. **phenotypic** [JDJV25]. **philippinarum** [CMGD+22]. **philopatry** [BR22, BR25]. **phosphate** [GSJ+22]. **Phosphorus** [ADR21, AKY+22, CGZ24, HSJ+20, PRM+24, RRP+23, SLB20b, SGH+23, WPL+23, YG21, ZWZ+20]. **photography** [KKW+21]. **photoperiod** [SBR20]. **photoperiod-driven** [SBR20]. **Photosynthesis** [RSB+23, KJH24, Mas23, Yu20]. **photosynthetic** [HKSM23, SGH+23, TSZ+24, VN23]. **photosynthetically** [FCT+25]. **Phragmites** [YXY+20]. **PHREEQC** [MTT22]. **phthalic** [WLQ+23]. **phylogeny** [SPV+21]. **physical** [AZMD+22, CFC25, FMH+20, GGE+23]. **physical-biogeochemical** [GGE+23]. **physics** [GRS+20]. **physiognomies** [DDDC21]. **physiological** [DR25, DPC20, LLC+24a, RHP+24, RRSG21, TSZ+24]. **physiology** [vdMYvdW24]. **Phytomass** [CSM23]. **Phytoplankton** [PA20, SLC+23, TSUY23, TMNA20, ACZ+21, CDJ+22, CGZ24, CMA23, HZ22, HMC20, LLC24b, MYH+20, MS20, MBFS21, OSH+21, RFCEL22, RKN+21, SINS22, Vas20, ZGG22]. **phytosanitary** [BAR24]. **Picea** [BG22, ZJX+25]. **pigeons** [LS25]. **pigmentation** [OSH+21]. **Pinctada** [SLYL+20]. **pine** [BdSG+23, BAZ22, BL25, EVT+21, JLH+21, ML20, SLHB+23, SWL+23, SC23, SGRDA+24, WLT+23]. **pine-hardwood** [JLH+21]. **pink** [JZJ+20]. **pink-footed** [JZJ+20]. **Pinna** [GRGHM21, HMGK20]. **pinniped** [WWP20]. **Pinus** [EVT+21]. **pioneering** [Ano20-49]. **pisha** [ZLZ+24]. **pit** [WLL+24]. **Pityogenes** [OFH+20]. **place** [CNNS+21]. **placement** [LBT+22]. **plague** [RWS+21]. **Plains** [ZFT20]. **planarian** [Fou21]. **Plankton** [YLL+25, EL21, GWD+23, MSML21, PCK+22, RUTY23]. **plankton-fish** [RUTY23]. **planktonic** [MPPM23, MBS22]. **Planning** [MTP+20, CL21, DLT+22, EBH+25, MTZA23, NMV+23, RHN+25, RBLS23, SRÁMH+20, SACE+20, ZWZ+24]. **Plant** [LOZT25, LM21, RMK21, TK20a, WXT+20, dGMCM+23, AADHA+23, CGB+23, CWF+21, CSM23, CEB+24, DAG+21, ERP21, GLP+25, HLW+20, HHT21, Hop23, JBF22, KKP+21, KJH24, LSA+21, MMM+24, MGHT20, MGC24, MPCG21, MPA+24, PSG+22, PWG25, PAPŁ+23, PMP+21, QZSV21, RRP+23, SVK20, SBR+25, TGL+22, VPV21, VDK+24, WLWL23, WMA21, WTT+21, WCF+22, YL22, YLS+21, ZMS20]. **plant-animal** [WMA21]. **Plant-host** [dGMCM+23]. **plant-pest** [JBF22]. **plant-pollinator** [YL22]. **Plant-Water** [WXT+20]. **plantation** [HKSM23, LYM+23, MSG+21b]. **plantations** [BdSG+23, BEH+25a,

BEH+25b, DCCL24, GSSC25, NLW+24, SGRDA+24, XLS20]. **planted** [WXH+22]. **planthopper** [NDNN22]. **planting** [MRR+20, TBZ+22]. **plants** [KKF+23, LC20, LZL22, MT23, Mas23, TSZ+24]. **Plastic** [NO24]. **plasticity** [JRD+22, JDJV25]. **plastics** [NO23]. **Plateau** [APGD+21, SZL+21, TGL+22, YLLL23, WCG+24, YJC+24, ALS+21, HCL+24, LWL24, SZC+25, WXT+20, YCZ+25, ZPZ+22, ZJX+25, ZYM+21]. **platform** [GDF22]. **plausible** [Koo20b]. **play** [AARS23]. **plays** [MSG21a]. **Pleuroncodes** [BAAN24]. **plots** [ACD+24]. **plume** [CMFC23]. **pluralistic** [MSG23]. **PM** [NSS+23, SBF+21]. **poaching** [NMC+20]. **point** [GSH+22, LJRM+20, MYACC22, MDB24b, SBMG24]. **points** [WSM24]. **Poland** [ZA20]. **polar** [CLW23, LGC+25]. **polder** [YG21]. **poleward** [LK20]. **policies** [CL21, DWG22, Fer23, ZWZ+24]. **policy** [ADSvdZS25, ZRB+25]. **pollination** [CAFT22, CSCT23, JSL+20, PTRP23, PDGB21, SJA+22, SPV+20, SPV+21]. **pollinator** [RMCCB24, WLWL23, YL22]. **pollinator-dependent** [RMCCB24]. **pollinator-plant-consumer** [WLWL23]. **pollinators** [RMK21]. **pollutants** [MLP+20, MPL+20]. **polluting** [DGVVP23]. **pollution** [BH21, DBK20, KHS+23, MSD25, YLL+25, ZZZD22]. **polyactis** [RJY+20]. **polychaete** [GLA+20]. **polychlorinated** [PKW+25, YLL+25]. **polycyclic** [ZYZ22]. **Polynesia** [RMV+24]. **Pommerening** [Mea20]. **pond** [YFW+21]. **ponds** [BSPT23a, BSPT23b, BGR20, FEP25, NBML21]. **Pontederia** [XGT+24]. **pool** [CM21]. **pooling** [PSG+22]. **pools** [SGP+20]. **poor** [AMP+23]. **Pop** [HBMR24, BMB24b]. **Pop-up** [HBMR24]. **poplar** [CSZY+20]. **Population** [dTCGF+24, MMC+21, TTPA21, VVH+20, XFK21, YKZ+23, AVP+23, APGD+21, BOLC+22, BMM22, BC25, CMGD+22, CCJK+20, CLH23, CP20, CAB+21, Dav22, DKM+21, DBD+25, DRZ+24, EL21, EVHS21, FCFCM24, Fer23, FC21, GCB+22, 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, RRL+25, REGI+24, RMA+24, SH25, SE21, SE22, STW+23, SDP23, SLC+20, SBR20, TK20a, TRMB20, Uch23, VSK+20, WZWF20, WGAH22, WLZ+23a, WAG25, WLSJ24, WFD23, Yao21, dGMCM+23]. **population-level** [SH25]. **populations** [APF21, BGS+20, BMB24b, CRZ+23, COPM23, CMRF+24, FSZ+20, FZS+20, GSJ+20, JGM25, KdRW25, KS22, KK20, KHH+22, KHH+24, KLPJ24, LSA+21, LBI+20, LGA+21, MSD25, MGC24, OSH+21, PEFW20, RM20, RCSS20, RRB+25, SDD+20, SRM+24, STK+25, SLB+23, 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, UM25, vdMvDSL20, GGMR20]. **post-ENSO** [GGMR20]. **post-exposure** [DWH+21]. **post-fire** [OHP+23]. **post-natal** [vdMvDSL20]. **post-smolt** [UM25]. **postfire** [LM23]. **potato** [DTR+22, DGVVP23, HEL+21, KBSS23, TBZ+22, OHH+21]. **Potential** [DTR+22, HCW+22, KJH24, LhNA+21, MRR+20, AFdSM23, ASB25, BGC+23, BS20, BWCD23, CNSK21, CAS+24, CN20, DCT+21, DTD+23, DL21, FM24, GLA+20, HHR+25, LUV+23, LLC+24a, LDXJ22, MEGA21, MTBB22, MGC24, MLV24, NA22, PK23, PMMTF+24, PDGB21, PPL25, RMO22, SD24, SBFBDM24, YCK20, vOVvdW23, LhNA+22]. **potentially** [PAPŁ+23]. **Power** [KLS20, UGSG24]. **Power-law** [KLS20]. **Poyang** [HSF+20, MFH+22]. **Practice** [Ano20-51, BM22b, LSG21, WGFS24, ZJEG24]. **practices** [BRNOJ25, BAR24, BCMV20, GMG+25, LS24, MBP+25, MWB+24, SCC+25, TLC+22, TCS21, YLLL23]. **Prays** [PVS+21]. **pre** [LDC+20]. **pre-processing** [LDC+20]. **Precipitation** [WXT+20, LM21, LWL24]. **precision** [KKF+23, YHC+21]. **precocial** [CC20]. **Predation** [dKS22, BACS22, BAAN24, CKC20, LK20, MAN+20, SM22a, VVH+20, vWVH20]. **predator** [dSCdA21, HLGF24, KKH+24, MAN+20, MF20, MMMS23, PHK23, RRL+25, SGP+20, SQDM21, TCG+20, WAG25, dAdSCA20]. **predator-prey** [MMMS23]. **predators** [BSE21, MCMP+24, MPT+25, PBH22]. **predatory** [TCG+20]. **predict** [AE22, ACM24, BdCCdSAdS23, BC25, CdCAC+20, CYP+20, Cor20, DVVH21, FEPR24, GCB+22, JPL21, Jia21, KBC24, KLNMG22, MAGR+22, RFCEL22]. **Predictability** [BH20, LS25]. **predictable** [DEMJ24]. **predicted** [FS22]. **Predicting** [AADHA+23, DMPP24, FGC24, FHP+22, HKB+20, HSJ+20, HMDO20, KH25, LLC+24a, LVM+22, dSMPA+22, NA22, REGI+24, SDD+20, SCF+24, SMM+22, VVH+20, WJ24, WSN+21, vdMvDSL20, FG21, KTB+21, LWE+22, MKS21, STQ+22, Ste20, SPV+21, VJK+23, XHZ25, ZLL+23]. **prediction** [CMSD+22, FNA+25, GWH20, Haa24, JGM25, LJP+22, LLLZ21, LDX+23, LNK+21, dRMJdS23, SZ20, SWP+23, WrJP+22, XZZ+22, XS25]. **predictions** [ABC+22, EVHS21, FH24, For20, HKY24, HRW+24, JJN22, JMD+25, LBL+24, RGH+25, vSS24]. **predictive** [CKC+24, CKC+25, EJ20, JLH+21, KMP+23, RRFLV+22, SC24a, TDI+20, VRS20, YCI20, vSS24]. **predicts** [GNH+24, WWA+22]. **predominantly** [KHR23, PR23]. **preference** [DZC+23a, DZC+23b]. **Preferences** [BBCD23, BAM23, DDL+20, PTNR+20, VRS20]. **preferential** [AFG24]. **PRELES** [KWP+23]. **Preparing** [MAB23, MMM+24]. **Presence** [GWH20, CIL+20, GNH+24, HBP+21, JJN22, KRM+22, WSM24]. **presence-background** [WSM24]. **Presence-only** [GWH20, JJN22, KRM+22]. **present** [XGT+24]. **Preservation** [DS21]. **preserving** [AM22]. **pressure** [DSC+21, GJC+20]. **prevalence** [GWH20, MSG23, MDT+23, TFH+25]. **prevent** [GRCSA+20]. **prevention** [BJKT21, GZK+20]. **prey** [BSE21, CLH23, dSCdA21, HLGF24, MAN+20,

MF20, MMMS23, NPK+23, PHK23, RRL+25, SGP+20, SQDM21, SWL+23, TCG+20, WAG25, dKS22, dAdSCA20]. **prey-predator** [SGP+20]. **price** [CLY+23, FGC24, UGSG24]. **primary** [DP20, GAC+21, GLK+22, GZD+23, HMC20, HCX+21, KUK+21, KWP+23, MS20, MBFS21, RZY+25, RFdL+24, SDP21, SZC+25, TSUY23, Yu20, ZCJ+20, ZZLF24]. **principle** [HCL+22]. **principles** [BPN+20]. **prior** [BWS+20, TTPA21, VRS20]. **prior3D** [DAN+25]. **priori** [HLGF24]. **prioritization** [DAN+25, HPMB20]. **prioritize** [CEB+24]. **prioritizing** [MS23, RBLS23]. **Priority** [PAS+22, JC25]. **private** [SMMT25]. **probabilistic** [DBH+22]. **probabilities** [DMM+23]. **probability** [LDS+23, MDT+23]. **probability-** [MDT+23]. **problem** [CEB+24, LKO20, FSZ+20]. **problems** [CCJK+20, LCLG20, PAS+22, RMS24, TK20b]. **procedure** [EJ20, KLL+24, PEFW20]. **procedures** [FHP+22]. **Process** [Por21, AZAD+23, Ale25, BdSG+23, CAK+24, DAGR25, DVPPMV+24, GSH+22, HSJ+20, HEL+21, HGBK23, HBRK24, HCPG20, KTB+21, LJRM+20, LCW+21, MYACC22, MDB+24a, MPCG21, NWO21, NO23, OKS+21, PTNR+20, QYW+25, TQM+24, TSUY23, TPD+24, VSS+22, WGK+21, ZPZ+22, ZJX+25]. **process-based** [Ale25, BdSG+23, CAK+24, DAGR25, HEL+21, HGBK23, HBRK24, HCPG20, KTB+21, LCW+21, MPCG21, NWO21, NO23, OKS+21, QYW+25, 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, BLAA25, CMKF22, CDN+23, CMHZ23, DTR+22, DP20, ESCA22, EGAS23, FEP25, GSR+23, GLK+22, HMC20, HMLZ24, HCX+21, KUK+21, LYM+23, MTS+20, MS20, MBFS21, MEGA21, MGdM+20, MDGA25, NGA+24, NBMD21, OZSU22, PAdS+24, RMCCB24, SH25, SLY+21, SMD+20, SDP21, TBP+23, TSUY23, TMM25, TKO+22, WGMR23, XLS20, ZBH+22, vOVvdW23]. **production-crop** [LYM+23]. **Production-Living-Ecological** [ZZQ23]. **Productivity** [LB21, SGRDA+24, CGRR+24, CSM23, GZD+23, HCP+20, KDH+21, KWP+23, MPA+24, NYH20, QS23, WHW+23, RZY+25, RFdL+24, SE20a, SE20b, SHT21, SZC+25, TSUY23, TMM25, WLT+23, YSIB24, Yu20, ZCJ+20, ZZLF24]. **Productivity-environment** [SGRDA+24]. **Products** [MZX25, ACZ+21, LOZT25, MLV24, TIKM24]. **profiles** [EMH+22]. **profiling** [MGK+23]. **profit** [GHB+25]. **profitability** [TMM25]. **ProForM** [SFGB23]. **program** [HSD+21]. **Programming** [BM21, NMV+23, NAM22, SRÁMH+20]. **programs** [JZJ+20, LCX+25]. **progress** [RTB+24, WZZF23, ZZWF21]. **project** [DBV+22, XZZ+22]. **Projected** [ZFT20]. **Projecting** [EBH+25, SLLW21, YPS+21, APF21, MKB+24]. **projection**

[CP20, KK20, PSBE23, PFK+22, TK20a, ZLLZ24, ZXK+24]. **Projections** [KNP+21, ACC+24, TTPA21]. **projects** [DYW+22]. **prolifera** [SRB+20]. **promote** [LGG+22]. **promotes** [AM21, BLG+25, ZL24]. **Promoting** [LYM+23, HL23, Yao21, BCMV20]. **prone** [ABRG21, dTCGF+24, KT22, SD24]. **Proof** [BRBT22]. **Proof-of-concept** [BRBT22]. **propagation** [KWG+23]. **propagules** [LBB20]. **properties** [AZLPGE+24, IA23, JRD+22]. **proposal** [RFHR23]. **Prorocentrum** [SGH+23]. **prospect** [DLZ+20]. **prospective** [BH21]. **protected** [AADHA+23, GMS+23, MSS+25, PWN+24, SvV21]. **protection** [HWS+23, SFGB23, ZYK22]. **protocol** [Gri20, GBC+25, LSB+25, PAB+22]. **protocols** [MWB+24]. **protozoa** [JZS+21]. **protracted** [LSK24]. **provide** [HBMR24, JMD+25, Woo24]. **provides** [MAW+24a, MAW+24b]. **providing** [Mau24]. **Province** [AAM+22, CZY+25, KHS+23, LZSQ20, MDB+20, MZX25, ENARM+23, ZSS21, ZLML20]. **provincial** [PK23, SLY+21]. **provincial-scale** [SLY+21]. **provision** [MEGA21]. **provisioning** [PTRP23]. **pseudo** [BMG24]. **pseudo-absences** [BMG24]. **pseudoharengus** [NGA+20]. **PSR** [RS23]. **pteropods** [EV22]. **pubescens** [BP25]. **public** [CZY+25, CVTS20a, CVTS20b]. **published** [PWG25]. **Publishing** [Mea20, Pas21]. **Puget** [PKW+25]. **pullout** [JZHT23]. **pulses** [MB22]. **Puma** [CB20]. **PVA** [LBGD21]. **pyNET** [WB24]. **pyric** [WGBW25]. **Pyrus** [CLOFD+25]. **Python** [LQH24]. **Python-based** [LQH24].

**Q** [MBMV20]. **Qazvin** [DYMD22]. **Qilian** [MZX25]. **Qinghai** [ALS+21, LWL24, SZC+25, YCZ+25, Yu20, YJC+24, ZPZ+22, ZJX+25]. **Qinling** [WYBX23]. **Qinzhou** [HLS+23]. **QtAC** [SGPSzC22]. **qualitative** [FDSM20, HKB+20, RBEC21, ZBW+24]. **qualitatively** [CLPZ20]. **quality** [BZZT22, BM22b, BLLL21, BAM23, CC23, nCLpW+23, ELS23, EMH+22, GNH+24, HCP+20, JBB+25, KLNMG22, LZF+24, LSY+25, 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, FCT+25, PAS23, PRdN+20, SRB+20]. **Quantile** [ASB25]. **Quantitative** [Ino22, vdHNH+20, CAH22, For20, HLGF24, PSW22]. **quantitatively** [CLPZ20]. **quantities** [LCMB21]. **quantization** [MBS22]. **Quanzhou** [LZL23]. **quaxnat** [ASB25]. **Quebec** [MTBB22, RPB+23]. **Quercus** [EVT+21, NYH20]. **questing** [GMV24]. **questions** [JTH24]. **quick** [Tur20]. **quick-start** [Tur20]. **quo** [MWB+24]. **QWASI** [WLQ+23].

**R** [ASB25, BSS+24, CC23, DAN+25, GSJC22, MMM+24, MS23, MB25, OSH+21, SGPSzC22, SCACB23, Wu24]. **R-package** [SGPSzC22]. **Rabies** [TLL+23]. **raceway** [FEP25]. **radial** [ZJX+25]. **radiation** [DWH+21, FCT+25, VSK+20, YXH20, ZL24]. **rafts** [HLS+23]. **raid**

[POWS24]. **rainfall** [dSBDH23, FS22]. **rainfed** [TKO+22]. **rainforest** [AHO+20]. **ramp** [NPS+23]. **Random** [CKC+25, KAB23a, PDD+22, SOV21, ABB23, AP22, BMB24a, DMG22, DMM+23, MLL20, CKC+24]. **randomly** [TK20a]. **range** [BP25, FMRMAS24, KKW+21, LK20, RBLS23, VBB+24]. **range-wide** [RBLS23]. **rangeland** [CPAT20, FS22, RS23]. **rangelands** [AJG22a, AJG22b, WGBW25]. **ranging** [DGSM21, TBM+24]. **ranked** [PPSS22]. **ranking** [EJ20, ILLM20, PMZ+21]. **Raoiella** [AFdSM23]. **RAP** [HHR+25]. **raphidophytes** [SIOM24]. **rapid** [CLZ25, YZZF22, ZGG22]. **raptor** [NCG+24, STQ+22]. **rare** [DTD+23, JLZ+25, TTPA21]. **rate** [CYP+20, Cor20, DGVVP23, DP20, JLLS23, KN20, LK24a, PTF23, SE20a, SE20b, XJW21]. **rates** [APF21, BC25, CDT+23, HFP22, II24, JST+22, JDJV25, KABL21, RWF22, RRL+25]. **ratio** [LLC24b, MGWG22, WZWF20, ZFC+23]. **ration** [DMPLHGL20]. **rational** [GSC+23]. **ratios** [CDJ+22]. **ray** [ZL24]. **RCP** [UCM+25]. **Re** [SdlP20, AG22, FM24, KKH+24]. **re-analysis** [AG22]. **re-establishment** [FM24, KKH+24]. **re-introduction** [FM24]. **Re-scaling** [SdlP20]. **reaches** [XMWL23]. **reaction** [FMRMAS24, MGWG22, RBEH21]. **Reactive** [YDJ+24, ZZWF21]. **reading** [RFHR24]. **Real** [RMS24, VMG+24, LJP+22, MDB24b, PAS+22, RGB22, SJA+22]. **Real-time** [VMG+24, LJP+22]. **real-world** [MDB24b]. **realism** [KHH+22, KHH+24]. **realistic** [JMD+25, PCK+22]. **Realities** [Por21]. **really** [KHR23]. **realm** [TFH+25]. **reanalysis** [CBG+22]. **recapture** [DMM+23]. **recharged** [WLQ+23]. **Rechna** [AIA+23]. **reclaimed** [WLQ+23]. **recommendations** [BM22b, EMH+22, HSD+21]. **Recommended** [GMG+25]. **recomposition** [NH25]. **Reconciling** [MGdM+20]. **Reconsiderations** [GSRB22]. **Reconsidering** [UGSG24]. **Reconstructing** [SLB+23, ZZW+22]. **reconversion** [BGA+23]. **Recovery** [HHI+22, GCB+22, GCS+21, MHP+23, SWL+23]. **recreation** [BPF24, GCS+21]. **recreational** [WBW+20]. **recruitment** [AJ22, PYD+21a, PYD+21b, PPL25]. **recycling** [AWW24]. **Red** [MSG21a, VSK+20, BG22, GSSC25, MVC+22]. **reduce** [CAB+21, CDC+22, GNH+24, Koo24a]. **reduced** [BSS+24, VRW+21]. **reduced-impact** [BSS+24]. **reduces** [BLG+25]. **Reducing** [TBZ+22, DGVVP23]. **reduction** [Che21, CAK+23, HWS+23, MKR20, Pre22]. **reductions** [MSD25]. **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]. **refugia** [BLG+25]. **regarding** [RFHR23, VRS20]. **regeneration** [ASB25, BLB+24a, BEH+25a, BEH+25b, HBRK24, QZSV21]. **regime** [GWD+23, LDXJ22, MDB24b, WCG+24]. **regimes** [AADHA+23, AACCIS20, LM21]. **Region** [PAPRMALO25, AZMD+22, BS20, EGAS23, FGC24, GLP+25, LZF+24, LZF21, LW23, MOG+25, MEGA21, dRMJdS23, NO24, PZH+21, SD24,

SM22b, TLH+20, WFW+24, XLM+23, Yu20, ZLLZ24, COS23, SLLW21]. **Regional** [UM25, BLL+23, ERP21, KMH+21, KTB+21, OZSU22, RMV+24, RFCEL22, WYBX23, WKL+21, ZA20]. **regions** [AMK21, BMB24a, BCMV20, CDN+23, GVG+23, GSR+23, GLK+22, HBJ25, LZF+24, LMW+23a, MPSS24, NWO21, WFW+24]. **regression** [ASB25, JPL21, YCI20]. **regrowth** [ACD+24]. **Regular** [SLC+20]. **regulated** [BS21]. **regulates** [SLC+20]. **regulating** [GMS+23]. **regulation** [BMB21, RGB22, SBF+21]. **regulations** [PGB+20]. **reinforcement** [SZL+21, WLY+23]. **reinforcements** [MSD25]. **reintroductions** [MSD25]. **relascope** [PSW22]. **related** [Kos22, LE23, LJvdM24, LPRB+25, MKB+24, TKO+22, WTT+21, YSIB24, ZZŠ+22]. **relation** [LJvdM24]. **relationship** [CLPZ20, CLY+23, LZL23, LK24b, MZLRSZ21, WLWL23, ZJX+25, dMT23]. **relationships** [CKK+24a, CKK+24b, Vas20, WLL+24]. **Relative** [EL21, KdRW25, QZSV21, SDP23, WBD+22b]. **relay** [DDH+22]. **release** [HLB+20, Lov24, ZWZ+20]. **relevance** [BMG24, Fer23]. **relevant** [GCSlR22, MDBvdBB24]. **reliability** [dGZHCA24]. **relictus** [ILLM20]. **reload** [GRS+20]. **remnant** [GMS+23]. **remote** [AMP+23, ACFM22, DIS23, HGBK23, HMDO20, ILLM20, KCHZ21, Lia23, SNP+23]. **removal** [HKH+20, HCPG20, NSS+23, RGD+22, SBF+21, XHZ25]. **renewable** [HWS+23]. **renewal** [LDZ21]. **reoligotrophication** [KUK+21]. **repeat** [KKW+21]. **replace** [Ale25, AAM+22]. **replacement** [SIOM24]. **replicate** [GBC+25]. **Report** [PKB+23]. **reporting** [BST+20, DLT+22]. **represent** [GSMD24]. **representation** [ASKR24, KBAC20, SDSP+21, WGK+21]. **representative** [CWH+21]. **Representing** [BA20]. **reproducible** [LGA20]. **reproduction** [APF21, DMPP24, DWH+21, KGBL24, KK20, MSG21a, MSG23, RTH+21, SGLK20, SMV+20, TBP+23, WHE+24a, WHE+24b, WWW25]. **require** [BM22a, Pér24]. **required** [SKAB25, Woo24]. **requirements** [KH25, KKM+24, MA25]. **requires** [HBLC+25, PCK+22, YL22]. **Research** [LYL+24a, MZX25, 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, YLL+25, BdCCdSAdS23, DAQ20, MKN23, ZMG+21, LYZ+24]. **reservoirs** [SC21, SZ20, Ste20]. **residencies** [BVR+20]. **resident** [MGHT20]. **residential** [IA23]. **residents** [YZZF22]. **residue** [TGB+23]. **residues** [DCT+21, MEGA21]. **Resilience** [KMAA23, DBDR22, HSP+22, JLZ+25, JST+22, JRD+22, Mur24, RS23, RLM23, RGRMRR20, SLC+23, SKPL24, SBM+22]. **resistance** [BSU+23, BL25, 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, Ano25h, Coo95, TDI+20, WZT+25]. **respond** [RLdM20]. **responding** [LCP+20]. **Response** [BPL+20, MSD25, NBU+23, Por21, RFHR24, SZC+25, YCK20, BS21, BA20, BMBB24, BMG24, FTH24, GSJ+22, GGE+23, HSL+22, JOE23, LAK+23, LE23, ME25, OHR+23, PR22, RGB22, SQDM21, TRMB20, YLL+25, ZFT20, ZZŠ+22, dAdSCA20]. **Responses** [RHP+24, Che22, FWK+20, HBLC+25, KWC24, LJP+22, ME25, OEC24, SNN24, SRK+20, WZLC24, WSN+21]. **resprout** [ABRG21]. **restoration** [HYY+24, LLC+24a, LVM+22, QXZ+25, ZRMW+20]. **restore** [YA24]. **restored** [CWF+21, WCF+22]. **restoring** [OHP+23, SDD+20]. **RESTREND** [ZYM+21]. **RESTREND-based** [ZYM+21]. **result** [RFHR24, SWL+23]. **resulting** [SAdA+22, ZOJ+23]. **Results** [MKR20, KCHZ21, ZFT20]. **retention** [Ste20, TGRM23]. **Retraction** [AAAR24, HWSD25]. **retrospective** [LM23]. **reused** [MGF25]. **reveal** [CTL22, PR21, RSC+24]. **Revealed** [BBCD23, EL21, TSUY23]. **reveals** [CP20, SPV+20, SBR20, TLL+23, WGMR23]. **reverse** [CLHZ22]. **reverting** [LCX+25]. **Review** [FLG+23, WYJ+22, ABM20, BZZT22, DRZ+24, KAB23a, Laz23, MMRBLN20, MFK+25, OKS+21, PWG25, dSRDC+23, SDH21, TGL+22, WGAH22]. **reviews** [Fat21]. **revised** [PTG+20]. **Revisiting** [Jag20, MPL+20, RRFLV+22]. **Revolutionising** [ABKA24]. **rewilding** [NCB25]. **rheophilic** [LWE+22]. **rheophilic-spawning** [LWE+22]. **Rhode** [LUV+23]. **Rican** [AHO+20]. **Rice** [PSG+22, BMAME+23, ENARM+23, GSR+23, HCX+21, MVC+22, NDNN22, SMM+22, TKO+22]. **rich** [CAFT22, SM22a]. **richness** [MAGR+22, VPV21, YB22]. **ricinus** [WBD+22b]. **RIDL** [NS20]. **ridley** [SPB+24]. **Riera** [NBU+23]. **Rift** [DBD+25]. **right** [WHdBB21]. **rights** [nCLpW+23]. **Rim** [YD20]. **ring** [KLPJ24]. **ring-necked** [KLPJ24]. **ringed** [KLR+24]. **riparian** [PPL25]. **rise** [PR22]. **risk** [AAAR23, AAAR24, BRSW24, CB20, CDC+22, For24, FLG+23, GZK+20, HP20, HEL+21, JOE23, JC25, LBI+20, LYZ+24, LDS+23, LLW+21, MDBvdBB24, MPT+25, Oku21, PKKT+24, TLL+23, TCB21, WLQ+23]. **River** [BSB+24, CWY+24, CL21, DZC+23a, DZC+23b, JASW23, MHSZ25, MA25, 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, WAG25, XZZ+22, XMWL23]. **riverine** [CSBS21, DAGR25, JASW23, LBI+20, MBG+22, OLM+24]. **rivers** [KWM+24, LWE+22, LEC+23, SJH+23]. **rivulatus** [SZKLL24]. **Road** [LMW+23a]. **roadmap** [RFHR24]. **roads** [JMD+25, WJ24]. **roam** [HHR+25]. **robur** [EVT+21]. **Robust** [DTD+23]. **robusta** [KTB+21]. **Robustness** [LSL20, LBL22, MP23]. **rock** [DHY+25]. **rocks** [BLG+25]. **rocky** [SBS+20, CWH+21]. **rocky-shore** [SBS+20]. **rodent** [KWC24]. **rodents** [Fer23]. **role** [BDC+22, DvDA24, FSY22, HLN+25, JSL+20,

LTR+24, LKB+25, MSG21a, PSM+21, SRTS20, TA20]. **roles** [EL21, RSC+21]. **Romagna** [MEGA21]. **roof** [KBC24]. **roofs** [MKR20]. **rookeries** [LHH+24]. **room** [HHR+25]. **root** [AG22, GLP+25, HFP20, HFP22, JZHT23, JMC+22, LYL+24a, PMP+21, SZL+21, WB24, YLS+21]. **root-grafted** [WB24]. **root-soil** [HFP20, HFP22]. **roots** [YSIB24]. **rotation** [GAMN+23, XLS20]. **Rothamsted** [JLV+21]. **roughness** [HLS+23]. **route** [KTB+23]. **routes** [NPS+23, PTD+23, SGV+24, UM25]. **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, LSY+25, NA22]. **rural** [CNSK21, GSSC25, HCPG20, JLLS23, MFPIBGES23, YZZF22]. **Russia** [SCF+24]. **rust** [CGB+23]. **Rwanda** [GVG+23]. **RWQSPad** [LSY+25].

**S** [CDJ+22, FSZ+20, FZS+20, KMP+23, COS23]. **Sable** [HBP+21]. **Saccharina** [VLGG+20]. **Sacramento** [BLLL21]. **sacrorum** [SZL+21]. **safe** [DP20]. **safeguarding** [XCH+21]. **safety** [KJH24]. **sage** [OHP+23]. **sage-grouse** [OHP+23]. **saira** [KiAM+20]. **sal** [KWP+23]. **salamanders** [CGC+25]. **Salicornia** [PAPŁ+23]. **salinity** [LYC+21, PRM+25, TSBE23, YSFX23, ZRMW+20]. **Salish** [KNP+21]. **salmon** [BLLL21, HP20, MBB20, UM25, WDW+22]. **Salmonellosis** [TIKM24]. **salmonid** [MM21]. **salmonids** [MM21, SJH+23]. **salpa** [SZKLL24]. **salt** [ZZG+24]. **saltmarshes** [PRM+25]. **sample** [GWH20, MDT+23]. **sampled** [MGK+23]. **samples** [BBIP24, JM22, RGD+22]. **Sampling** [PSW22, SKAB25, AFG24, CWH+21, MDT+23, RSC+24, RAC+24, VPV21]. **sanctioning** [LL22]. **sand** [SWF21]. **sandstone** [ZLZ+24]. **Sanggou** [FMH+20]. **sapidus** [CMFC23]. **sapling** [BP25]. **saplings** [BLB+24a]. **sardine** [HMVR21, PYD+21a, PYD+21b]. **Sardinella** [HMVR21, PYD+21a, PYD+21b]. **Sarpa** [SZKLL24]. **SARS** [CYP+20, Cor20]. **SARS-CoV-2** [CYP+20, Cor20]. **satellite** [CSZY+20, HBMR24, QYW+25]. **saturation** [dSCdA21]. **saury** [KiAM+20]. **savanna** [ABRG21, DDG+21, DDDC21, MMdP+21, dRMJdS23, YCK20]. **savannahs** [MTW+22]. **savannas** [SKPL24, WMA21]. **saved** [SCH+21]. **Scale** [BHC22, YB22, AJ22, BCGR25, BLG+25, BLL+23, CBW22, CLPZ20, CSM23, CXZ+23, CWH+21, CYP+20, Cor20, CKK+24c, FWK+20, FFM+23, GMM+24, HBP+21, HAZEF23, HLM+20, JLZ+25, JC25, JSD+22, KTB+23, KKF+23, Kos22, KTB+21, LSY+25, 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, LMD+25a, MKS21, MM21, OZSU22, PTRP23, RLM23]. **scaling** [SdlP20, XJW21]. **Scaphirhynchus** [WAG25]. **scarce** [GSRB22, LCH+25, MJ24]. **scarcity** [DYMD22, RSASP22]. **scavenger** [KHR23, PR23]. **Scavengers** [PR21].

**scenario** [DSC+21, MP23, MTZA23, WFW+24]. **scenario-based** [DSC+21]. **Scenarios** [UCM+25, ACD+24, BOLC+22, ELM+25, FGC24, JHL23, MTBB22, MSS24, SBM+22, SMV+20]. **scene** [TWL+22]. **scheme** [VPV21]. **schemes** [BJKT21, OEC24]. **Schichaa** [TCG+20]. **school** [dKS22]. **schooling** [WLY+23, dKS22]. **science** [BRNOJ25, DK22, EMH+22, JMM+20, KRM+22, LJRM+20, VMH+21, ZJEG24]. **scope** [OHP+23, YYS+22]. **Scotland** [CKK+24a]. **Scots** [ML20, SGRDA+24]. **Scottish** [CKC+24, CKK+24c, CKC+25]. **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, UM25, WBW+20, WBD+22a, BNN20, EWE20, GSJ+20, KNP+21, LGC+25, 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]. **seam** [GLP+25]. **Seamlessly** [LZW20]. **Searching** [BWSS21, CBSB23]. **Seas** [SHF24]. **SEAS5** [NLMM23]. **Seaside** [HBP+21]. **season** [DZC+23a, DZC+23b, HGBK23, LZD+24]. **Seasonal** [FNA+25, NLMM23, ZWZ+20, BMB21, DMdR24, HMVR21, HKSM23, JBB+25, KABL21, MAW+24a, MAW+24b, SSM24, SIOM24, STW+23, WHL+23, XYZR21, ZS20]. **Seasonality** [MPPM23, NWJ+22, MMC+21]. **seasonally** [SFFL25]. **seasons** [CRZ+23, GDC24]. **seaweed** [FMH+20, LUV+23, WT20, vOVvdW23]. **seaweeds** [vOVvdW23]. **second** [STK+25]. **second-order** [STK+25]. **secondary** [CGV22]. **section** [LDC+20, MHSZ25, XHS+24]. **sectional** [RAC+24]. **Sector** [XLM+23]. **sectoral** [BCW+23]. **security** [GHbS21, HYY+24, LPA+21, LYL+24b, WZLC24, ZHJQ23, ZHC23]. **sediment** [HKH+20, LCLG20, NA22, SBMF23, TGRM23, WPL+23, WSZ+24, ZWZ+20]. **sediment-inhabiting** [SBMF23]. **sediment-water** [WPL+23]. **sedimentation** [WSZ+24]. **Seed** [LKO20, CGV22, WSW23]. **seedling** [PPL25]. **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, HWJ+25, KBC24, ŁJ21, MA25, 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, BLAA25, EL21, GSH+22, KBAC20, LCP+20, PF23, YEL+21]. **self-compatibility** [AVP+23]. **self-exciting** [GSH+22]. **self-fouling** [PF23]. **Self-healing** [LHL22]. **self-organization** [YEL+21]. **self-organizing** [EL21, LCP+20]. **self-shading** [KBAC20]. **self-sufficiency** [BLAA25]. **SEM** [BPF24, LNK+21]. **semantic** [PTRP23]. **semelparous** [TK20a]. **Semi** [AZMD+22, BGA22, FS22, GLP+25, KWP+23, LHJ+24, LCH+25, MPSS24, NWO21, PAdS+24, WFW+24]. **semi-arid**

[FS22, GLP+25, LHJ+24, LCH+25, MPSS24, NWO21, PAdS+24, WFW+24]. **semi-mechanistic** [BGA22]. **semiarid** [PGSL+20]. **Senecio** [dTCGF+24]. **sensing** [AMP+23, ACFM22, DIS23, HGBK23, ILLM20, LDR+20, Lia23, SNP+23]. **sensitive** [DN24, GWH20, PMB+22, SBMG24]. **Sensitivity** [CGVC21, FEPR24, HLH+21, MLP+20, OFH+20, OLM+24, PMZ+21, RGB+23, SC21, WSHZ24, WXT+20, WLT+23, YSIB24, vDC20, BGCJ21, BLSR+20, DMdR24, FCL+25, GRGV25, Haa24, HRW+24, HEL+21, LSB+25, Mat23, PFM+21, RS23, TGB+23, TK20b, WA20, XHS+24, dGZHCA24]. **sensor** [JVGC21]. **sensors** [HKH+23]. **Sentinel** [CSZY+20]. **Sentinel-2** [CSZY+20]. **Separating** [GSH+22]. **September** [Ano20l, Ano20x, Ano21l, Ano21x, MAW+24a, Ano22x, Ano23x, Ano24x]. **Sequential** [SDH21, WST+23]. **sequestration** [MTBB22, RMO22, SCF+24, WZLC24]. **series** [DMG22, LCP+20, QYW+25, RWZ+24]. **service** [CVTS20a, CVTS20b, GZW+20, JSL+20, MEGA21, MTZA23, PTRP23, PDGB21]. **Services** [UCM+25, ABM20, BGA+23, BDA+20, CAFT22, CL21, CLY+23, ELM+25, GMS+23, GHB+25, GSA24, JHL23, LL21, LZL23, LPD+20, NMS24, PDW+24, PGP+22, PRdN+20, QXZ+25, SJA+22, WFW+24, XCH+21, YPS+21, ZHC23]. **services-based** [PDW+24]. **sessile** [NYH20]. **set** [LBT+22, MDB24b]. **sets** [BS20]. **settlement** [BCGR25, SC24b]. **several** [GLK+22]. **severity** [AB21, PCL24]. **sewage** [LZL22]. **sex** [MSML24, MGWG22, WZWF20]. **sexual** [MSG21a, MSG23]. **sexualization** [MGWG22]. **Shaanxi** [LZSQ20]. **shad** [PSBE23]. **shading** [GZW+20, KBAC20]. **shallow** [GLP+25, LYL+24a, WPL+23, WCG+24, YXY+20]. **Shandong** [LGL+24]. **Shanxi** [MHSZ25]. **shape** [CIL+20]. **shape-constrained** [CIL+20]. **shaped** [LPL22a, dKS22]. **shared** [SWL+23]. **sharing** [ZL24]. **shark** [KCHZ21]. **shawi** [ZMG+21]. **sheep** [DGSM21, TMM25]. **shelf** [SPB+24, PTG+20]. **shell** [LJvdM24]. **shelled** [EV22]. **shellfish** [GMM20, LUV+23, LPRB+25, PGB+20]. **shift** [LhNA+21, LhNA+22, LDXJ22, MDB24b, VBB+24, WCG+24, dGMCM+23]. **shifting** [HBRK24]. **shifts** [LVM+22, NHGP23]. **shikokuense** [SGH+23]. **shocks** [JST+22]. **shore** [SBS+20]. **shoreline** [MSL+21]. **short** [BP21, EVHS21, JvVvHH24, LCP+20, LGK+23, SZ20]. **short-lived** [LGK+23]. **short-term** [EVHS21, JvVvHH24]. **short-time** [LCP+20]. **should** [RAB21]. **shows** [GGMR20, SG20]. **shrimp** [DAGR25, dMFOM+20, LGL+24, RWF22]. **shrub** [ALS+21, dTCGF+24]. **shrub-meadow** [ALS+21]. **Siberia** [GHK23]. **Sichuan** [HCL+24]. **sickness** [Gat20]. **SIF** [FCT+25, YYS+22]. **SIF-based** [FCT+25]. **Siganus** [SZKLL24]. **sightings** [WWP20]. **sigmoidal** [PCN+23]. **sign** [WSFZ21]. **signal** [GSH+22]. **significantly** [CAFT22, QXZ+25]. **silico** [PNGESS21, dFT+20, FCFCM24, PSM+21]. **silver** [SKW23]. **silviculture** [ASB25]. **SIMANFOR** [BOVVM25]. **similar** [ML20]. **simple**

[JMHH22, MM21, TDI+20]. **simplicity** [RSS24]. **simplification** [AIA+23]. **simplified** [Jag20]. **Simplifying** [CGVC21]. **SIMREG** [PPH+21]. **simulate** [BSS+24, DDH+22, DBN+22, EHS+20, KLH+24, LPHO+20, LCH+25, MPCG21, PPH+21, PKW+25, RMD+24a, RMD+24b, TGB+23, TPD+24]. **Simulated** [HHZB24, SMV+20, AP22, GSSC25, JDJV25, KKH+24, LVM+22, LCW+21, WHL+23, WSHZ24, YYS+22]. **Simulating** [ADR21, BGC+24, CGRR+24, CWW+23, EVT+21, FTH24, HBLC+25, HWSD24, HWSD25, KDH+21, KS22, LMD+25b, LMW+23b, PBS21, SSJC23, SJH+23, WGK+21, WCG+24, YLS+21, ZRB+25, AMK21, ACD+24, CXZ+23, EON23, FCL+25, JLL+24, LPS+21, SCG+23, TGL+22, ZZG+24]. **Simulation** [ACM24, ASL+20, JLLS23, LZW20, SNP+23, TSZ+24, ZBH+22, ZZLF24, AXMJ22, BLB+24a, BSR21, CM21, CLG20, DPA21, DPC20, DWZ+25, FZS+20, GDF22, GLP+25, JHKT+23, LKP+20, LP22, LZF+24, LSY+25, LDX+23, LWL24, MP23, MTZA23, MTT22, NGA+20, OHH+21, OHP+23, PAPRMALO25, SFGB23, SG20, TBCV22, TMM25, TSBE23, Tur20, VK24, WWC+22, WXX+23, WbM+24, WMA21, WFW+24, ZLLZ24, ZL24, ZHWZ23, ZLZ+24, dPGDdFS24]. **simulation-based** [DPA21]. **Simulations** [FH24, LPL22b, PMB+22, BRNOJ25, DMGP20, GGE+23, KHH+22, KHH+24, PR21, RSB+23, RRCZ20, SMS+24, WA20]. **simulator** [CXZ+23, KWG+22a]. **simultaneous** [MTT22, RMK21]. **simultaneously** [GSJ+20]. **sinensis** [ZWL+21]. **Singapore** [FNA+25]. **single** [GAM20, RCCLMGV22]. **sink** [BWT+24]. **sinusoidal** [LPL22a]. **sinusoidal-shaped** [LPL22a]. **Sio** [COS23]. **Sio-Malaba-Malakisi** [COS23]. **SIR** [Laz23]. **Sistan** [EGAS23]. **Site** [MAW+24a, MAW+24b, DCCL24, EVHS21, FFM+23, KBC24, NND+22, STW+23, WT20]. **Site-level** [MAW+24a, MAW+24b, STW+23]. **site-scale** [FFM+23]. **sites** [PAPL+23, WLZ+23a, WWP20]. **six** [CDN+23]. **size** [BGCJ21, CMAG+25, DMPLHGL20, DCCL24, HES+20, HES+23, KAMS22, LP22, LLC24b, MBS22, NK23, PAS+22, PSZ20, RLH24, RGD+22, RMA+24, WZHP21, XYZR21, ZZŠ+22]. **size-selective** [NK23]. **size-spectrum** [HES+20, HES+23]. **size-structured** [MBS22, XYZR21]. **sizes** [HH23]. **sketches** [LLZM20]. **skill** [HFSL+24]. **Skudai** [BH21]. **slope** [ETAAH21, SZL+21]. **slopes** [LYL+24a, ZLZ+24]. **slow** [LM21]. **small** [APF21, CSM23, CXZ+23, CSMP21, GMM+24, RSC+24, RJY+20, SLB+20a]. **small-scale** [CSM23, CXZ+23, GMM+24]. **smallholder** [ASKR24]. **smallmouth** [LBI+20]. **smart** [CMSD+22]. **smarter** [BCW+23]. **smolt** [UM25]. **smolts** [WDW+22]. **snail** [YKZ+23]. **Snow** [BSB+24, PWN+24, OCT+23]. **SnowDens** [LGC+25]. **SnowDens-3D** [LGC+25]. **snowdrift** [LGC+25]. **Sobol** [LAC+24]. **Sociability** [BSR21]. **Social** [MFPIBGES23, ADSvdZS25, ASKR24, AAC20, BGS+20, BRNOJ25, BAM23, CRP+25, GCS+21, KS22, LCM24, PAS23, PHL20, RSS24, RTH+21, SMMT25, WAHA+24]. **Social-ecological** [MFPIBGES23, ADSvdZS25, BAM23, PHL20, RSS24]. **Socio** [CXZ+23, DS21, LPD+20, OBFH22, PPJN25, BAR24, GM23, KLH+24, LCM24, PG23,

RBEC21, TZC25, WG21, WGBW25, WW24, ZJEG24, ZGMFESD23]. **Socio-Ecological** [DS21, LPD+20, OBFH22, KLH+24, LCM24, RBEC21, TZC25, WG21, WGBW25, WW24, ZGMFESD23]. **Socio-econ-ecosystem** [CXZ+23]. **socio-ecosystem** [BAR24]. **Socio-Environmental** [PPJN25, PG23, WG21, ZJEG24]. **socio-MFA** [GM23]. **soda** [PAPŁ+23]. **sodicity** [TSBE23]. **soft** [vdHNH+20]. **soft-bottom** [vdHNH+20]. **software** [LS24]. **Soil** [TK20b, AMK21, AB21, Ano25h, AKY+22, BMAME+23, BMS+20, CM21, Coo95, DCT+21, DPA21, ETAAH21, HKH+23, HGBK23, HFP20, HFP22, JMPB24, JMD+25, KKP+21, LLLZ21, LCW+21, LSS+21, LCH+25, LLW+21, LMW+23b, MSG+21b, MTT22, PRM+25, PAPŁ+23, PSM+21, RGD20, TLC+22, TDI+20, TGL+22, YG21, YLLL23, ZRMW+20, ZLZ+24]. **soil-dwelling** [PSM+21]. **soil-plant** [PAPŁ+23, TGL+22]. **soils** [KLL+24, LYL+24a, SMM+22, XWZ+22, YDJ+24]. **Solander** [MTL+23]. **solar** [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, RGH+25, SACE+20]. **solutions** [Ano25h, Coo95, MTT22, WZLC24]. **solving** [MYH+20]. **somatic** [KABL21]. **some** [MAW+24a, MAW+24b]. **sophisticated** [KHH+22, KHH+24]. **Sound** [PKW+25]. **source** [CMRF+24, ELS23, GJC+20, LGA20, XHZ25, ZZZD22]. **sources** [DBK20, HWS+23, PSM+21]. **souring** [MKN23]. **South** [MDB+20, ARSC22, CRZ+23]. **southeastern** [SLHB+23]. **Southern** [APGD+21, HSL+22, LCW+21, NLW+24, PTNR+20, BARF20, GSA24, RMD+24a, RMD+24b, SWW+25, SGTS21, SGTS23]. **Southwest** [DHY+25, LZL22, ZHJQ23]. **southwestern** [YA24, dSRDC+23]. **soybean** [dSBDH23, Hop23, RFdL+24]. **soybean-maize** [dSBDH23]. **sp** [KDC+21]. **Space** [RWS+21, TLH+20, ABB23, BMG24, DDG+21, EVHS21, HHFB23, KMH+21, LMD+25a, MM21, VMG+24, ZS20]. **spaces** [GZW+20]. **Spain** [ZGMFESD23]. **Sparrow** [HBP+21]. **sparse** [AMK21]. **Spatial** [BLP20, CCH20, LGG+22, LW23, MHSZ25, RS23, RMD+24a, RMD+24b, Sak23, SACE+20, WHdBB21, WZHP21, AAAR23, AAAR24, ATP20, ACD+24, BLG+25, BRC+21, BRSW24, BBIP24, BSM23, BLvG+25, CLY+23, CJM+23, CSM23, CLZ25, CMRF+24, CLG20, DIS23, DMM+23, EON23, ESZ+23, FTH24, GSA24, GWH20, GZK+20, HSL+22, JBB+25, KBC24, LGFT+20, LDR+20, LZL23, LQH24, MA25, MKR20, MLJ+23, MSLM+24, MMRBLN20, NHGP23, NL20, OCT+23, PEFW20, PSZ20, RHN+25, RMS24, RAB21, RRFLV+22, RWS+21, SRTS20, SC24b, TWL+22, ZZQ23, dMT23, dGMCM+23, dAdSCA20]. **spatial-explicit** [LQH24]. **Spatial-moment** [BLP20]. **Spatial-temporal** [MHSZ25, EON23]. **Spatially** [ABZ22, GCB+22, PWG25, SOV21, AE22, BSU+23, BSR21, BR22, BR25, CAB+21, DMM+23, DDG+21, GRCSA+20, JMM+20, JSL+20, KS22, KWG+23, MAW+24a, MAW+24b, PRdN+20, SLHB+23, SJA+22, SKAB25, WBW+20, WBD+22a]. **Spatially-explicit**

[GCB+22, DDG+21, KWG+23, MAW+24a, MAW+24b, WBD+22a]. **spatio** [GSJ+20, LRA+20, NWO21, NO23, ZHWZ23]. **spatio-temporal** [GSJ+20, LRA+20, NWO21, NO23, ZHWZ23]. **Spatiotemporal** [CL21, LYL+24b, ZSS21, DNM+24, DMGP20, DAC+25, JLZ+25, LKB+25, SBS+21, WWC+22, YD20, ZPZ+22]. **spawning** [DSHB23, LWE+22, LSK24, WLZ+23a]. **special** [CSM23, LSG21, Men22]. **specialized** [CKK+25]. **Speciation** [FAC22]. **specie** [ILLM20, ZLL+23]. **Species** [BM22b, BM22a, CLPZ20, EMH+22, HHI+22, HPMB20, dSRDC+23, AHH22, AMP+23, AM21, AFdSM23, ALJ+22, AARS23, BOLC+22, BAAN24, BSCH23, BGCJ21, BS20, BWSS21, BBIP24, BM21, BMG24, CSBS21, CWF+21, CNSK21, CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24b, CKC+25, CKK+25, DTD+23, DSP+25, EBH+25, EVT+21, FSY22, For20, FG21, GGS+22, GWH20, HHZB24, HLZ+22, HBRK24, HFSL+24, HLH+21, HNC+21, Ino22, JLH+21, JL23, JMM+20, JHKT+23, KWC24, KABL21, KLL+24, LJvdM24, LYZ+24, LDXJ22, MSG23, MSS+25, MGK+23, MRR+20, MAGR+22, MMRBLN20, MVAD20, LPRB+25, MPCG21, MBD+22, NL20, NTHC23, NH25, NMGFOB21, OMP+23, OW20, Pre22, RSWS23, RCCLMGV22, RBGB23, RSC+24, RPT21, RAB21, SVK20, SvV21, SACEU+21, SKW23, SWL+23, SKAB25, SGB+24b, SC23, SZKLL24, SBMG24, TK20a, TBP+23, TFH+25, TRMB20, TCB21]. **species** [VMH+21, VPV21, VRS20, WZHP21, WSM24, WT20, WTT+21, XCH+21, YXH20, YB22, YCI20, ZWL+21, dAdSCA20]. **species-area** [VPV21]. **species-predictive** [JLH+21]. **Species-specific** [HPMB20]. **specific** [HPMB20, KWM+24, OMC+24, TK20a]. **spectral** [CSZY+20]. **spectrum** [AZALP+24, BGCJ21, HES+20, HES+23, LM21]. **speeds** [Gat21]. **spent** [MSD25]. **sphere** [MFK+25]. **spillover** [MB22]. **spinipes** [KD20]. **Spodoptera** [BSU+23, dAWG23]. **spot** [MZLRSZ21]. **spotted** [LSH24]. **spp** [DCCL24, GGS+22]. **Spread** [BAPW20, AVP+23, BGC+23, BL25, CAH22, EVHS21, GSSC25, JB22, JMD+25, LDXJ22, MSLM+24, SRM+24, WHE+24a, WHE+24b]. **spreading** [ABZ22]. **spring** [Che21, DWZ+25, LLZM20, Tsy22]. **spring-fed** [Che21]. **Springer** [Mea20]. **Spruce** [PKKT+24, AHK+25, BG22, SCG+23, STRC24, ZJX+25, cNKF24]. **squid** [DvDA24]. **squirrels** [CAB+21]. **SSP** [UCM+25]. **SSP-RCP** [UCM+25]. **ssp.** [BP25]. **St** [MSL+21]. **St.** [KWM+24]. **Stability** [NDNN22, BACS22, CP22, ETAAH21, GWH20, LYL+24a, RLM23, SE21, SZL+21, WLWL23]. **stabilize** [Oku21]. **stabilizing** [YA24]. **Stable** [YL22, JvVvHH24]. **stage** [HKG+24, PSM22, QZSV21, dVDC20]. **stage-based** [HKG+24]. **stage-classified** [dVDC20]. **stage-structured** [PSM22, QZSV21]. **stages** [DIS23, JMHH22, Jia21, LBSR25, MFF+24]. **stakeholder** [DDL+20, NBMD21]. **stamp** [AXMJ22]. **stand** [BLL+23, BLB+20]. **Standard** [Mat23, JGG23, Koo20b, PAB+22]. **standardization** [For24]. **standards** [Haa24]. **standing** [XHZ25]. **stands** [AHK+25, CSZY+20, CWW+23, EVT+21, SGB+24b]. **stanza** [DPC20].

**starfish** [MAB23]. **start** [Tur20]. **starting** [RFHR23]. **starvation** [WWA+22]. **State** [DGSM21, EVHS21, MRR+20, BdCCdSAdS23, FWK+20, HHFB23, JZS+21, NBU+23, OHP+23, RFHR23, RFHR24, RMA+24, ZS20]. **State-** [DGSM21]. **state-and-transition** [OHP+23]. **State-space** [EVHS21, ZS20]. **Stated** [BBCD23]. **States** [CBG+22, JvVvHH24, KNP+21, YA24]. **static** [CLZ25]. **stationarity** [HSL+22, PWN+24, RSC+24]. **stationary** [RWZ+24]. **statistical** [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]. **stimulate** [ME25]. **stimulus** [ME25]. **stimulus-organism-response** [ME25]. **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** [AHK+25, MHSZ25, PZH+21, RFF+23, TLC+22, WYBX23, XLS20]. **storms** [SMS+24]. **stormwater** [NBML21]. **story** [PSW22]. **Strait** [HLN+25, MPPM23]. **strategic** [GHbS21, RFHR24]. **Strategies** [PPJN25, ACC+24, BSU+23, BSE21, CTL22, CC20, DDL+20, HCPG20, LBPL20, MPA+24, MD23, NFLvdM24, Pal24, PSM+21, RSC+24, SMMT25, 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, GLP+25, KFM+23, LCP+20, LBI+20, RFdL+24, RGB22, VVH+20]. **stressed** [MBG+22]. **Stressor** [SGCFB22]. **stressors** [MGF25, MAB23]. **strong** [ACD+24, RBGB23]. **Structural** [RGH+25, BPF24, DAQ20, KBC24, MFZ23, SBS+20, SBS+21, YZZF22, YEL+21, dFT+20]. **Structure** [BOVVM25, LB21, AE22, AM22, AHO+20, BMM22, BSR21, CSB22, DvDA24, DAC+25, JMD+25, JSL+20, KTB+23, KHS+23, LRA+20, LGG+22, LSL20, LW23, MPMT23, MLJ+23, MPPM23, MMC+21, NL20, PDH+22, RRSG21, RWS+21, SZPW23, 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, PPJN25, SZ20, YJC+24, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BAR24, BG22, BARF20, CFC25, CZY+25, Che21, CPTD22, CRP+25, DAGR25, ETAAH21, ENARM+23, GAC+21, Gon23, GSJ+20, HHT21, HCL+22, JLLS23, LPSF24, LP22, LZSQ20, LDZ21, LZF+24, LZL23,

LSY+25, LDX+23, LPA+21, LCMB21, MA25, MMS+24, MSML24, MS20, MTT22, MDGA25, MVC+22, NCB25, OHH+21, OBFH22, OCT+23, PHK23, PAPŁ+23, PMP+21, PKW+25, PTNR+20, RBGB23, RKN+21, RAB21, SLC+23, SHT21, SG20, SPPC21, SWP+23, SZL+20, TCG+20, TLH+20, TMNA20, WbM+24, WBD+22b, XWZ+22, XHS+24, XMWL23, YKZ+23, ZMK+22, ZHJQ23, ZZQ23, ZLML20, ZLZ+24]. **studying** [DRZ+24]. **Stylized** [PPJN25]. **subcatchment** [SRTS20]. **subject** [AWW24]. **submarine** [Che21]. **submerged** [NKT+20, QYW+25]. **submodules** [PTF23]. **Subnational** [HLM+20]. **subpinnata** [MTL+23]. **subsidence** [RGD20]. **subsidized** [STQ+22]. **substitutable** [RK20]. **substitution** [LCX+25, QS23]. **subtidal** [GSM+20]. **subtropical** [BGC+24, CLW+24, PZH+21, RGD20, SC21]. **suburban** [WLL+24]. **success** [FM24, KN20, MJS24, NFLvdM24, OHP+23, SG20, SKH+20, WZWF20]. **successful** [dTCGF+24]. **Succession** [YXH20, HHZB24, HSF+20, LM23, SLLW21, ZGG22]. **successional** [FFM+23]. **sudden** [YLL+25]. **sufficiency** [BLAA25]. **Sugar** [VLGG+20, AAM+22]. **sugarcane** [BMRF21, MBR+23]. **suggestions** [LCLG20]. **suggests** [MJ24]. **Suitability** [YHC+21, BOLC+22, BHC22, BLAA25, BBSHC22, DSP+25, HK23, ILLM20, JLH+21, KKF+23, KLL+24, LZD+24, NCG+24, RHN+25, ZWL+21]. **Suitable** [HYY+24, YXY+20, BG22, USA21]. **sulfide** [CWW+23]. **sum** [LBN+22]. **Summer** [KFM+23]. **Summit** [PKB+23]. **sums** [DMG22]. **sun** [SPPC21]. **sun-induced** [SPPC21]. **Sungo** [SZL+20]. **sunlight** [ZOJ+23]. **superiority** [GSRB22]. **supersaturated** [CFL+22]. **supply** [GSA24]. **Support** [BOVVM25, LZW20, BRC+21, EMH+22, For24, Gri20, MVC+22, MPT+25, NGE+21, PGP+22, TZC25, WBW+20, ZWZ+20]. **supported** [BEH+25a, BEH+25b]. **Supporting** [EBH+25, GSC+23]. **supports** [RSWS23]. **suppression** [SWL+23]. **surface** [ABC+22, BZZT22, BLG+25, DCT+21, HSJ+20, LLC24b, LCLG20, LCW+21, PFM+21, SBM+22, TGB+23]. **surface-based** [PFM+21]. **surfaces** [OW20]. **Surveillance** [HCW+22, BGK+20, BRSW24, SLB+23]. **survey** [KCHZ21]. **surveys** [PM22]. **survival** [AWW24, APF21, ALK20, dSCdA21, DHW+20, II24, PSBE23, RMA+24, SdlP20, WRC21, WDP24, WBD+22b]. **survivorship** [RAC+24]. **Sus** [KT22]. **Sustainability** [SLY+21, ZMK+22, ABKA24, AAC20, BRNOJ25, DYW+22, ESCA22, HL23, HBJ25, JLZ+25, 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]. **Swedish** [JMD+25]. **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]. **Synergizing** [LCX+25]. **synthesis** [TLC+22]. **syphilis** [CZY+25]. **System** [EL22, LB21, YDQ+23, ABKA24, AM21, ADSvdZS25, BGA+23, CMGD+22, CBSB23, ENARM+23, GLA+20, GM23, HSP+22, HCL+22, HSD+21, HWS+23, HK23, JZHT23, JC25, JST+22, KMH+21, KKP+21, KCS22, KLH+24, KWG+22b, Kle23, LZW20, LYM+23, MPSS24, MDB+20, MF20, MMMS23, OLM+24, OSPZ22, PHK23, PAPRMALO25, PAPŁ+23, SQDM21, SM22a, ST24, TSUY23, TZC25, TK20b, YCZ+25, ZRB+25, ZLLZ24, BOVVM25, CFG+22, DBDR22]. **Systematic** [DK22, ECC+22, dSRDC+23, MFK+25]. **Systems** [DS21, PPJN25, VLGG+20, ADR21, ADSvdZS25, AGS+21, AGS+22, CXZ+23, DS24, FS22, GMM+24, HSP+22, JPMA+23, JMPB24, KLH+24, LHDBN20, LZSQ20, LCM24, MAD+20, MAN+20, MDB+20, MTW+22, MFPIBGES23, MSG+21b, MDGA25, MMN+25, MBMV20, NGA+24, NWJ+22, OBFH22, PHL20, PMP+21, RSS24, SC24a, SGPSzC22, SLY+21, SC24b, TQM+24, TMM25, Tur20, WG21, WGBW25, WW24, Wu24, ZJEG24, ZZWF21, ZBH+22].

**T.** [EBMK20]. **tackle** [DSC+21]. **tadpoles** [CMS+21, PDG+20]. **Taftan** [MDGA25]. **tagging** [PDD+22]. **tags** [HBMR24]. **Taihang** [ZZLF24]. **tail** [ŁJ21]. **Tailed** [HCW+22, BGK+20, KS22, TBM+24, VRW+21]. **take** [DS23]. **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]. **telecoupling** [HBJ25]. **telemetry** [BVR+20, LDC+20]. **temperate** [BGCJ21, BWT+24, CAK+23, KABL21, LBL+24, SGB+24b, TDI+20, VK24, VBB+24]. **Temperature** [MBMV20, AJJ24, BLG+25, BC25, CRZ+23, DMdR24, FCT+25, GSJ+22, HML+22, JPL21, KJH24, LSH24, MDBvdBB24, MGWG22, NGE+21, PGdAM+20, RLH24, SSM24, SFFL25, SBR20, SMS+24, TSZ+24, TA20, VJK+23, WWW25, WBD+22b, YSFX23]. **temperature-** [SBR20]. **temperature-dependent** [BC25, HML+22, MGWG22, NGE+21, PGdAM+20]. **temperature-size** [RLH24]. **temperatures** [ABC+22, FWK+20]. **Temporal** [CPTD22, AAAR23, AAAR24, BSR21, DKM+21, EON23, FS22, GSJ+20, HMC20, LRA+20, LCP+20, LSL21, MHSZ25, NWO21, NO23, NK23, PAS23, RAC+24, SBR20, WYBX23, ZHWZ23]. **temporally** [BR22, BR25]. **tempos** [Ano20-49]. **tendency** [LJP+22]. **tendency-prediction** [LJP+22]. **Tenuipalpidae** [AFdSM23]. **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, WZT+25, WWP20, WLZ+23b, ZS20]. **territorial** [BAR24, ŁJ21, MCMP+24]. **territoriality** [TPD+24]. **territories** [CDC+22, KRM+22, MOS21]. **territory** [SM20]. **tertiary** [MSML24]. **Test** [HFP22, RFJ+22, SBMG24]. **tested** [FG21]. **Testing** [JMHH22, MDT+23, SM22b, CdCAC+20, PPL25]. **tests** [FH24]. **Tetragastris** [dOPdMdS+21]. **Texas** [YCK20]. **Thanks** [Des21]. **Thau** [PGB+20]. **thawing** [LCW+21]. **their** [ACM24, BCMV20, CZ21, DZBB24, FSZ+20, FZS+20, FHP+22, GMM+24, HHFB23, Jia21, KBC24, LZL22, OKS+21, RRFLV+22, SINS22, YD20, ZFC+23]. **theorem** [Men22]. **Theoretical** [MAN+20, BMS+20, GRS+20, KAB+23b, LAC+24]. **theories** [KKM+24]. **Theory** [Ano20-51, VLGG+20, CRF24, CIL+20, DYW+22, GLA+20, HFP20, KKM+24, LJvdM24, LMD+25b, LPL22b, LSG21, ME25, MTS+20, MBMV20, PSW22, RLH24, SGLK20, SNN24, SACE+20, XJW21, XHS+24, YCZ+25, ZSS20]. **Thermal** [Che22, MGWG22, Che21, FEP25, KJH24, Tsy22, VJK+23]. **Thermodynamic** [CWF+21, WCF+22]. **thermodynamics** [MPMT23]. **thermoregulation** [HBMR24]. **thinning** [EVT+21]. **Thirteen** [LGK+23]. **thorns** [MAB23]. **threat** [JASW23, MAB23, SRÁMH+20]. **threatened** [HP20, NCG+24]. **threats** [GHbS21]. **Three** [NBML21, ABB23, CLOFD+25, DAN+25, LWE+22, LPHO+20, NSS+23, PCN+23, PCK+22, TWL+22, WA20, YLS+21, XWX+24]. **Three-dimensional** [NBML21, ABB23, DAN+25, LWE+22, TWL+22, YLS+21]. **threshold** [HH23]. **thresholds** [HKH+20, TA20]. **thrips** [CMSD+22]. **Thunnus** [DPC20]. **thuringiensis** [LB24]. **Tianjin** [LZF21, LW23]. **Tianshan** [ZLLZ24]. **Tibet** [ALS+21, LWL24, WLZ+23a, Yu20, YJC+24]. **Tibetan** [SZC+25, YCZ+25, ZPZ+22, ZJX+25]. **tick** [AV22, EBS23, GMV24]. **tick-borne** [AV22]. **ticks** [WBD+22b]. **tidal** [BdBG+21a, BdBG+21b, KSJ22]. **tides** [SRB+20]. **tier** [OMC+24]. **Tiezzi** [Ano20-49]. **tiger** [AAAR23, AAAR24]. **tilapia** [DMPLHGL20]. **tillage** [GAMN+23, YLLL23]. **timber** [LOZT25, XLS20]. **time** [BAAN24, CMRF+24, DMG22, HMC20, Jia21, LMD+25a, LCP+20, LJP+22, LHL22, MLV24, MM21, QYW+25, RWZ+24, RLM23, SE22, VMG+24]. **time-averaged** [HMC20]. **time-dynamic** [BAAN24]. **time-scales** [RLM23]. **time-series** [QYW+25]. **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]. **tortuosa** [BP25]. **total** [PRM+24]. **tourism** [GCS+21, LL21]. **tower** [ASHK22]. **tox** [AVRC+20]. **Toxi** [PKW+25]. **toxic** [PAPŁ+23]. **toxicants** [MMS+24]. **toxicity** [BMS+20, CBSB23, MDBvdBB24]. **toxicodynamic** [JGG23]. **toxicokinetic**

[JGG23, MLP+20]. **toxicokinetic-toxicodynamic** [JGG23]. **toxin** [CMKF22, LPRB+25, SH25]. **toxoid** [LPSF24]. **tracking** [GMG+25, LWE+22, SJH+23, WSW23, ZWZ+20]. **Trade** [JHL23, PF23, BBIP24, CSCT23, CP20, DSC+21, LMW+23a, NO24, NH25, Pér24, SML+20, ZLML20]. **trade-off** [BBIP24, CSCT23, CP20, NO24, NH25, Pér24]. **Trade-offs** [JHL23, PF23, DSC+21]. **tradeoff** [RTH+21]. **tradeoffs** [LGA+21]. **traditional** [NGA+24]. **trained** [HFSL+24]. **training** [MS20]. **trait** [BDC+22, HHT21, LBL+24, Mur24, RFJ+22, RZY+25, ZMS20]. **trait-** [ZMS20]. **trait-based** [BDC+22, LBL+24, Mur24, RFJ+22]. **traits** [AVP+23, CMGD+22, CLW+24, DR25, EHS+20, GRCSA+20, HKSM23, LJvdM24, LPRB+25, PKO+21, RHP+24, SLYL+20, SHT21, SPV+21, Vas20]. **trajectories** [AADHA+23, BAR24, COS23, FG21]. **trajectory** [SDSP+21]. **trans** [KMP+23]. **trans-CLUE-S** [KMP+23]. **transboundary** [COS23]. **transcriptomic** [GML+20]. **Transdisciplinary** [Por21]. **Transeius** [TCG+20]. **Transfer** [XZZ+22, vdHNH+20]. **Transferability** [GVG+23, RFJ+22, CPTD22, FCL+25, NCG+24, TFH+25]. **transfers** [KKP+21, SML+20]. **transformed** [GCMU23, MPMT23]. **Transient** [CTL22, ZZZD22]. **transit** [MLV24]. **Transition** [MT23, OHP+23, TTPA21]. **Transitioning** [Ano20-51]. **transitions** [HCX+21, KMP+23, STK+25]. **transmission** [CZY+25, CLHZ22, CGZ24, CGC+25, EBMK20, KAPZ25, KE24, KS22, LGFT+20, MSLM+24, MD23, RWS+21, TLL+23, TBM+24, ZXK+24, vWVH20]. **transmitted** [MMMS23]. **transmitting** [LKB+25]. **TransparC2U** [CM21]. **transparent** [Woo24]. **transpiration** [HFP22, ZFC+23]. **Transport** [SCG+24, BdBG+21a, BdBG+21b, CMFC23, LWE+22, PKW+25, SPB+24, 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, AHK+25, CAK+23, CAK+24, CNSK21, DMG22, HHBF24, HBRK24, HFP22, JMC+22, LGG+22, LPS+21, Loe25, MRR+20, MLJ+23, MPT+25, PVS+21, PPH+21, PKO+21, PPL25, Pre22, SLHB+23, SKW23, SCH+21, SGB+24b, SBR20, VJK+23, WHE+24a, WHE+24b, WHL+23, WYBX23, XHZ25, ZOJ+23, ZLL+23]. **tree-based** [WYBX23]. **tree-level** [PPH+21]. **tree-species-shifting** [HBRK24]. **treehopper** [PTBFP+20]. **treeline** [BS20]. **trees** [AMP+23, FG21, GHK23, GSMD24, IA23, LDR+20, LMW+23b, MOG+25, VBB+24, WB24, YCI20]. **trend** [AFG24]. **trends** [CZ21, dSRDC+23, RAC+24, SDP23, ZPZ+22]. **trials** [NS20]. **triangulifer** [KFJS20]. **Triatoma** [FC21]. **Tribolium** [dVDC20]. **tributaries** [MSL+21]. **Trichodesmium** [ABR24]. **triggered** [CMKF22, CLH23, RTH+21]. **tripartite** [WLWL23]. **triplet** [ABKA24]. **TRIPLEX** [LPS+21]. **TRIPLEX-Mortality** [LPS+21]. **Triticum** [GGS+22]. **tritrophic** [BMBB24, PVS+21]. **Trojan** [BPB+20]. **Trophic** [KKH+24, OHR+23, BdCCdSAdS23, BNN20, FWK+20, GLA+20, HLN+25, HK23, LPL22b, MSML24, MZLRSZ21, PCK+22, RSC+21, SBS+20, WSFZ21,

vdHNH+20]. **tropical** [BSS+24, BH21, DBV+22, DAC+25, FG21, HLB+20, MOG+25, MAGR+22, MHP+23, PYD+21a, PYD+21b, PRM+25, PKO+21, SKPL24, SPPC21, TSUY23, WGMR23, XJW21]. **tropics** [AMK21, RFJ+22]. **truthing** [ABC+22]. **tsetse** [GVG+23]. **tshawytscha** [BLLL21]. **Tumen** [JHL23, TLH+20]. **tuna** [DPC20, NPK+23, PDD+22]. **tuning** [Fou21]. **tunnel** [LPL22a]. **turbidity** [SZ20]. **turbine** [PM22, STQ+22]. **turbine-scale** [STQ+22]. **turbulence** [WSW23]. **turbulent** [LWE+22, TMNA20]. **turning** [Ano20-49]. **turnoff** [BACS22]. **turnover** [AG22, GMV24]. **turtle** [CRZ+23, KABL21, LHDBN20, MZLRSZ21]. **turtles** [GDC24, LHH+24, II24, PTD+23, SPB+24, SMV+20]. **Tuscany** [LPA+21]. **TVDI** [RFdL+24]. **TVDI-based** [RFdL+24]. **twins** [MFK+25]. **two** [AKM22, CM21, CWW+23, DKM+21, DPC20, JC25, KABL21, Kos22, LHDBN20, LYZ+24, MBR+23, NMGFOB21, PWN+24, SBR+25, SZKLL24, TCG+20, WG21, WTT+21, ZHC23]. **two-host-two-pathogen** [JC25]. **two-pool** [CM21]. **two-stanza** [DPC20]. **type** [AM21, AACCIS20, ETAAH21, Fat21, LLW+21, SQDM21, VDK+24]. **types** [BRSW24, Sak23, SINS22, YYS+22, dAdSCA20]. **typhoon** [PZH+21]. **Typical** [WXT+20, MFZ23].

**U.S** [LUV+23]. **Ubatuba** [OBFH22]. **Ubi** [HHR+25]. **UK** [NCB25]. **Ulloa** [MZLRSZ21]. **Ulva** [LFN+20, SRB+20]. **uncertain** [MDB24b, VRS20, YSIB24]. **Uncertainties** [ELM+25, CM21]. **Uncertainty** [HAZEF23, MNMN25, ADSvdZS25, AAR23, KKF+23, LDX+23, LKO20, MLP+20, MKB+24, NMS24, SACE+20, TKO+22]. **Uncovering** [WLL+24]. **underestimate** [MBD+22]. **Undergraduate** [Por21]. **Underlying** [ZXK+24, CLH23, CL24, GSH+22]. **underpinning** [EL21]. **understand** [CDNN+20, DAQ20, MFPIBGES23, MPMT23, ZMS20]. **Understanding** [CFG+22, HSP+22, Por21, PCK+22, WAG25, ZOJ+23, BLvG+25, MMN+25, PTG+20, PGSL+20, SBWB24, Woo24]. **understorey** [LBL+24]. **Understory** [HHI+22, MLJ+23]. **underwater** [KCHZ21, SHF24]. **uneven** [JS22]. **Unfolding** [AS22, LMW+23a]. **ungulate** [HBRK24, HWJ+25]. **unified** [FMRMAS24, LMNV20]. **uniform** [BLvG+25]. **unimodal** [CLHZ22]. **United** [Pas21, CBG+22, YA24]. **units** [ŁJ21, SRTS20]. **univariate** [MA25]. **universal** [GAM20, VMG+24]. **unknown** [WWK+24]. **unknowns** [WWK+24]. **Unlocking** [CAS+24]. **unmarked** [HI22, WDP24]. **unpredictability** [cNKF24]. **Unraveling** [BMBB24]. **unravels** [vdHNH+20]. **unsampled** [MGK+23]. **update** [Gri20]. **updating** [DSP+25]. **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, CFC25, CLY+23, DBDR22, EL22, EON23, GZW+20, JHL23, KBC24, LL21,

MFZ23, ME25, MPSS24, MKEH20, MTZA23, MMMS23, OBFH22, PKW+25, RBEC21, SBF+21, SCH+21, SSJC23, ST24, USA21, WZZF23, XWZ+22, YZZF22, ZWZ+24, ZYK22, ZHWZ23, dMT23]. **urban-nesting** [KBC24]. **urbanization** [BH21, CLZ25, QS23, YZZF22]. **urbanizing** [SZPW23]. **urchin** [APGD+21, GGMR20]. **Ursus** [LGC+25]. **Uruguayan** [DP20]. **USA** [AAR23, HH23, ZFT20, ZRMW+20]. **usages** [AZBdAI23]. **Use** [ACFM22, BM22b, GML+20, LDX+23, MTP+20, dRMJdS23, TLH+20, UCM+25, ACZ+21, APT24, CP22, DSC+21, DWG22, FGC24, GCS+21, Gri20, GZD+23, HAZEF23, JLLS23, JHL23, KMH+21, LBGD21, Lia23, LAK20, LZW20, LNK+21, MMM+24, MTZA23, NMV+23, PHL20, PEFW20, PTBFP+20, RSASP22, RAB21, SWP+23, TGRM23, WMA21, WFW+24, YPS+21, Yu20, ZWZ+24, ZLLZ24]. **use/cover** [COS23]. **use/land** [WWC+22]. **used** [TGS+25]. **Useful** [AZLPGE+24]. **user** [CM21]. **uses** [TGL+22]. **Using** [BPF24, BAAN24, BWT+24, BC25, CEB+24, CSMP21, DAQ20, FDSM20, GLA+20, GBC+25, HCL+22, HLS+23, JGG23, JZJ+20, KAMS22, KFM+23, LPSF24, MSG21a, MSG23, MCMP+24, MPMT23, MBD+22, NGE+21, OHP+23, PPJN25, RWZ+24, TTPA21, AJG22a, ABKA24, ASHK22, AJG22b, AMP+23, AHO+20, ASB25, BSS+24, BSR+23, BA20, BGA22, BRSW24, BNN20, BM21, BLB+20, BGC+24, CCH20, CMGD+22, CGRR+24, CSZY+20, CHR+23, COS23, Che21, CWW+23, CMG20, CIL+20, CSB22, CAB+21, CRP+25, CKC+24, CKC+25, DTR+22, DR25, DDH+22, DMM+23, DVPPMV+24, DAB+20, EWE20, EBH+25, GM23, GCSlR22, GCS+21, GRCSA+20, GWH20, HBP+21, HKB+20, HSJ+20, HBC+22, HLGF24, HGBK23, HMDO20, HBRK24, HLM+20, ILLM20, Ino22, II24, IBB+21, IBB+22, JB22, JLV+21, JPL21, JLLS23, KiAM+20, KH25, KRM+22, KdRW25, KS22, KWP+23, LE23, LJvdM24, LUV+23]. **using** [LLB+23, Lia23, LGC+25, LZL22, LKB+25, LGA20, LAC+24, MLL20, MMS+24, MPSS24, Mau24, MLJ+23, MSS24, NWO21, NGA+24, NHGP23, NA22, NCB25, NTHC23, NPS+23, OHH+21, OSH+21, PMZ+21, PSG+22, PRM+24, PBS21, PM22, RSB+23, RBEH21, RCSS20, SSM24, SRTS20, SD24, SMM+22, SOV21, SIOM24, SLM24, SACE+20, SNM+23, SBR+25, STW+23, SHF24, SWP+23, SJH+23, SC23, SM22b, TK20a, TMFV22, USA21, VLGG+20, VMG+24, VMM+21, WLQ+23, WSW23, WA20, WJ24, WAG25, WSL+22, XLS20, XHZ25, YKZ+23, Yu20, YCI20, YDLT24, ZOJ+23, ZSS20, ZFT20, ZSS21, ZPZ+22, ZLLZ24, dGZHCA24, dKS22]. **utilising** [MDGA25]. **Utilization** [GAMN+23, DDG+21, HLW+20, Vas20]. **Utilizing** [KKW+21, RHN+25, PSBE23]. **UV** [DWH+21]. **UV-B** [DWH+21].

**v3** [LDX+23, BGA22]. **VA** [ZOJ+23]. **vaccine** [LPSF24]. **Validation** [dPGDdFS24, CDC+22, DDG+21, FZS+20, FHP+22, dRMJdS23, OFH+20, PFM+21, PAdS+24, WHdBB21]. **Valley** [BLLL21, DBD+25, WWF+23]. **Valuation** [SAdA+22]. **Value** [DS21, LB21, MZX25, BARF20, CL21, GPN+23, LC20, Men22, WFW+24, YZF20]. **valued** [RUTY23]. **values**

[CLY+23]. **vannamei** [dMFOM+20]. **Variability** [HWJ+25, VN23, ACD+24, CFG+22, FTH24, FS22, HHT21, HMC20, KD20, KJH24, LSH24, MSML21, MLP+20, MPL+20, NK23, PMMTF+24, PYD+21a, PYD+21b, PCK+22, SLYL+20, WBD+22a]. **Variable** [CKK+24c, DVPPMV+24, NTHC23]. **variables** [AXMJ22, ALJ+22, BRC+21, DMG22, MRR+20, PPSS22, RCSS20, XHZ25]. **Variance** [vDC20]. **variation** [APF21, BSR21, CMFC23, CSM23, HGBK23, KAB23a, KABL21, LS25, LDX+23, Oku21, UM25, XJW21]. **Variations** [DCCL24, NWO21]. **varied** [FGC24]. **varieties** [CLOFD+25]. **variety** [LZD+24]. **various** [ACC+24, DBK20, GAMN+23, MFZ23, SBMG24, WBD+22b]. **Varroa** [MMC+21]. **vary** [FWK+20]. **varying** [BL25, COPM23]. **vector** [KWG+22a, MSLMM22, OW20, TK20a]. **vectored** [RLS+24]. **vectoring** [MGC24]. **vectors** [DBD+25]. **vegetable** [AAC20, ZBH+22]. **vegetated** [LYL+24a]. **Vegetation** [Kag25, WXT+20, BKTM20, BWCD23, CWY+24, CGV22, DDDC21, ETAAH21, ERP21, FMRMAS24, FSZ+20, FZS+20, JPL21, LYC+21, LCW+21, LHJ+24, LWL24, LCH+25, LMW+23b, MKEH20, NKT+20, NH25, QYW+25, QS23, WHW+23, VDK+24, YYS+22, Yu20, ZSS20, ZYM+21, ZLZ+24, RSB+23]. **vegetation-desertification** [FMRMAS24]. **vegetations** [SOP22]. **vegetative** [LTR+24]. **vehicle** [BLB24b]. **velocity** [AJJ24, ZLL+23]. **versatile** [MS23]. **versus** [RFPRC23, Pie23]. **vertebrates** [ZS20]. **Vertical** [Jor22, ABR24, CSB22, GMM+24]. **Very** [RSB+23]. **Vespula** [CH22]. **vetted** [Haa24]. **via** [BdBG+21a, BdBG+21b, HZ22, KKM+24, KBAC20, LGA+21, PF23, WLY+23, ZWZ+20, GML+20]. **Viability** [OSPZ22, AZBdAI23, CDT+23, HKG+24, LOZT25, LGK+23, dGMCM+23]. **Vibrio** [DEMJ24]. **video** [KCHZ21]. **Vietnam** [KTB+21]. **view** [EBMK20, KE24]. **viewing** [PAS23]. **Viewpoint** [Kle23]. **village** [JLLS23]. **vineyards** [KT22]. **violation** [BP21]. **viral** [KPLH24]. **Virginia** [WBS+24]. **virginianus** [KS22]. **virginica** [DMPP24, GNH+24]. **virtual** [CFC25, HHFB23, ECD+24]. **virulence** [Hop23]. **virus** [BGC+23, CGZ24, DBD+25, KWG+22a, SYL+24]. **viscous** [DLY+22]. **visiting** [LS25]. **visual** [RBEH21, vWVH20]. **Visualizing** [YDLT24]. **volatile** [Koo24b]. **vole** [VSK+20]. **Volterra** [MSML24, NMGFOB21, SIOM24]. **voltinism** [CdCAC+20, PGdAM+20]. **Vorticity** [DZC+23b, DZC+23a]. **VPRM** [RSB+23]. **vs** [GHbS21, ML20, YL22, PA20]. **Vulnerability** [FS22, HCL+24, MTL+23]. **vulnificus** [DEMJ24]. **vulture** [PR21]. **vultures** [CRP+25].

**WA** [PKW+25]. **Waard** [PRdN+20]. **wading** [YDLT24]. **walk** [ABB23, PDD+22]. **walks** [AP22, BMB24a, HBC+22]. **Wanggu** [JASW23]. **Wanhe** [DZC+23a, DZC+23b]. **Want** [SACEU+21]. **war** [MKN23]. **Warm** [Des21, PA20]. **warming** [Che22, KLR+24, KPLH24, LhNA+21, MTL+23, QXZ+25, TRMB20, ZFT20, ZZŠ+22, ZRMW+20, LhNA+22]. **warning**

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[Ano21b] Anonymous. 1 August 2021. *Ecological Modelling*, 453(??):??, August 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2021:Da**

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**Anonymous:2021:Fa**

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**Anonymous:2021:Ja**

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**Anonymous:2021:Je**

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**Anonymous:2021:Na**

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**Anonymous:2021:Oa**

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**Anonymous:2021:Sa**

[Ano21l] Anonymous. 1 September 2021. *Ecological Modelling*, 455 (??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2021:Ab**

[Ano21m] Anonymous. 15 April 2021. *Ecological Modelling*, 446(??):??, April 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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**Anonymous:2021:Db**

[Ano21o] Anonymous. 15 December 2021. *Ecological Modelling*, 462 (??):??, December 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2021:Fb**

[Ano21p] Anonymous. 15 February 2021. *Ecological Modelling*, 442 (??):??, February 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2021:Jb**

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**Anonymous:2021:Jf**

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**Anonymous:2021:Sb**

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**Anonymous:2021:EBb**

[Ano21z] Anonymous. Editorial Board. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000065`.

**Anonymous:2021:EBc**

[Ano21-27] Anonymous. Editorial Board. *Ecological Modelling*, 441(??): ??, February 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000132`.

**Anonymous:2021:EBd**

[Ano21-28] Anonymous. Editorial Board. *Ecological Modelling*, 442(??):??, February 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000363`.

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**Anonymous:2021:EBf**

[Ano21-30] Anonymous. Editorial Board. *Ecological Modelling*, 444 (??):??, March 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000594`.

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**Anonymous:2021:EBh**

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**Anonymous:2021:EBi**

[Ano21-33] Anonymous. Editorial Board. *Ecological Modelling*, 447 (??):??, May 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001071`.

**Anonymous:2021:EBj**

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**Anonymous:2021:EBl**

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**Anonymous:2021:EBm**

[Ano21-37] Anonymous. Editorial Board. *Ecological Modelling*, 451(??): ??, July 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001617`.

**Anonymous:2021:EBn**

[Ano21-38] Anonymous. Editorial Board. *Ecological Modelling*, 452 (??):??, July 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001782`.

**Anonymous:2021:EBo**

[Ano21-39] Anonymous. Editorial Board. *Ecological Modelling*, 453 (??):??, August 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100185X`.

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**Anonymous:2021:EBq**

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**Anonymous:2021:EBr**

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**Anonymous:2021:EBu**

[Ano21-45] Anonymous. Editorial Board. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003082`.

**Anonymous:2021:EBv**

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**Anonymous:2021:EBw**

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**Anonymous:2021:EBx**

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**Anonymous:2022:Aa**

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**Anonymous:2022:Ab**

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**Anonymous:2022:D**

[Ano22c] Anonymous. December 2022. *Ecological Modelling*, 474(??):??, December 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2022:EBa**

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**Anonymous:2022:EBb**

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**Anonymous:2022:EBd**

[Ano22g] Anonymous. Editorial Board. *Ecological Modelling*, 466(??): ??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000448`.

**Anonymous:2022:EBe**

[Ano22h] Anonymous. Editorial Board. *Ecological Modelling*, 467(??): ??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000941`.

**Anonymous:2022:EBf**

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**Anonymous:2022:EBg**

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**Anonymous:2022:EBh**

[Ano22k] Anonymous. Editorial Board. *Ecological Modelling*, 470 (??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001570`.

**Anonymous:2022:EBi**

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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`.

**Anonymous:2022:EBk**

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**Anonymous:2022:EBl**

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**Anonymous:2022:F**

[Ano22p] Anonymous. February 2022. *Ecological Modelling*, 464(??): ??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2022:Ja**

[Ano22q] Anonymous. January 2022. *Ecological Modelling*, 463(??):??, January 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2022:Jc**

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**Anonymous:2022:Jb**

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[Ano22t] Anonymous. March 2022. *Ecological Modelling*, 465(??):??, March 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2022:Mb**

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**Anonymous:2022:N**

[Ano22v] Anonymous. November 2022. *Ecological Modelling*, 473(??): ??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2022:O**

[Ano22w] Anonymous. October 2022. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2022:S**

[Ano22x] Anonymous. September 2022. *Ecological Modelling*, 471(??): ??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2023:Aa**

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**Anonymous:2023:Ab**

[Ano23b] Anonymous. August 2023. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2023:D**

[Ano23c] Anonymous. December 2023. *Ecological Modelling*, 486(??): ??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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

**Anonymous:2023:EBb**

[Ano23e] Anonymous. Editorial Board. *Ecological Modelling*, 476 (??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003647`.

**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**

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**Anonymous:2023:EBe**

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**Anonymous:2023:EBf**

[Ano23i] Anonymous. Editorial Board. *Ecological Modelling*, 480(??): ??, June 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000789`.

**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**

[Ano23s] Anonymous. June 2023. *Ecological Modelling*, 480(??):??, June 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2023:Ma**

[Ano23t] Anonymous. March 2023. *Ecological Modelling*, 477(??):??, March 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2023:Mb**

[Ano23u] Anonymous. May 2023. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2023:N**

[Ano23v] Anonymous. November 2023. *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2023:O**

[Ano23w] Anonymous. October 2023. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2023:S**

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

**Anonymous:2024:Aa**

[Ano24a] Anonymous. April 2024. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**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).

**Anonymous:2024:EBa**

[Ano24d] Anonymous. Editorial Board. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003137`.

**Anonymous:2024:EBb**

[Ano24e] Anonymous. Editorial Board. *Ecological Modelling*, 488 (??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000048`.

**Anonymous:2024:EBc**

[Ano24f] Anonymous. Editorial Board. *Ecological Modelling*, 489(??): ??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000309`.

**Anonymous:2024:EBd**

[Ano24g] Anonymous. Editorial Board. *Ecological Modelling*, 490(??): ??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000693`.

**Anonymous:2024:EBe**

[Ano24h] Anonymous. Editorial Board. *Ecological Modelling*, 491(??): ??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000991`.

**Anonymous:2024:EBf**

[Ano24i] Anonymous. Editorial Board. *Ecological Modelling*, 492(??): ??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001339`.

**Anonymous:2024:EBg**

[Ano24j] Anonymous. Editorial Board. *Ecological Modelling*, 493(??): ??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001601`.

**Anonymous:2024:EBh**

[Ano24k] Anonymous. Editorial Board. *Ecological Modelling*, 494 (??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001820`.

**Anonymous:2024:EBi**

[Ano24l] Anonymous. Editorial Board. *Ecological Modelling*, 495 (??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002114`.

**Anonymous:2024:EBj**

[Ano24m] Anonymous. Editorial Board. *Ecological Modelling*, 496 (??):??, October 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002400245X`.

**Anonymous:2024:EBk**

[Ano24n] Anonymous. Editorial Board. *Ecological Modelling*, 497 (??):??, November 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024002655`.

**Anonymous:2024:EBl**

[Ano24o] Anonymous. Editorial Board. *Ecological Modelling*, 498 (??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024003181`.

**Anonymous:2024:F**

[Ano24p] Anonymous. February 2024. *Ecological Modelling*, 488(??): ??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2024:Ja**

[Ano24q] Anonymous. January 2024. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2024:Jc**

[Ano24r] Anonymous. July 2024. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2024:Jb**

[Ano24s] Anonymous. June 2024. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2024:Ma**

[Ano24t] Anonymous. March 2024. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2024:Mb**

[Ano24u] Anonymous. May 2024. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

**Anonymous:2024:N**

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

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

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

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

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[CMKF22] Subhendu Chakraborty, Stefanie D. Moorthi, Rajat Karnatak, and Ulrike Feudel. Irregular harmful algal blooms triggered by feedback between toxin production and zooplankton feeding. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002216`.

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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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[CNSK21] Kunzang Choden, Craig R. Nitschke, Stephen B. Stewart, and Rodney J. Keenan. The potential impacts of climate change on the distribution of key tree species and Cordyceps in Bhutan: Implications for ecological functions and rural livelihoods. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002106`.

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[Coo95] F. J. Cook. One-dimensional oxygen diffusion into soil with exponential respiration: analytical and numerical solutions. *Ecological Modelling*, 78(3):277–283, April 1995. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/030438009400179L`. See erratum [Ano25h].

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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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[CSB22] C. E. Countryman, D. K. Steinberg, and A. B. Burd. Modelling the effects of copepod diel vertical migration and community structure on ocean carbon flux using an agent-based model. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001156`.

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[CSBS21] Bogdan Caradima, Andreas Scheidegger, Jakob Brodersen, and Nele Schuwirth. Bridging mechanistic conceptual models and statistical species distribution models of riverine fish. *Ecological Modelling*, 457(??):??, October 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002386`.

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[CSM23] Jun Chen, Masae Shiyomi, and Satoru Morita. Phytomass productivity of cutting and grazing grasslands with special reference to small-scale spatial variation in plant nutrient resources. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002417`.

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[CSZY+20] Paulo Cañete-Salinas, Francisco Zamudio, Marco Yáñez, John Gajardo, Héctor Valdés, Cristian Espinosa, Jaime Venegas, Luis Retamal, Samuel Ortega-Farias, and César Acevedo-Opazo. Evaluation of models to determine LAI on poplar stands using spectral indices from Sentinel-2 satellite images. *Ecological Modelling*, 428(??):??, July 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301307`.

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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].

**Chennault:2020:PIW**

[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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[CWW+23] Bin Chen, Pengyuan Wang, Shaoqiang Wang, Weimin Ju, Zhenhai Liu, and Yinghui Zhang. Simulating canopy carbonyl sulfide uptake of two forest stands through an improved ecosystem model and parameter optimization using an ensemble Kalman filter. *Ecological Modelling*, 475 (??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003106`.

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

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[EVT+21] Markus Engel, Sonja Vospernik, Maude Toïgo, Xavier Morin, Antonio Tomao, Carlo Trotta, Mathias Steckel, Anna Barbati, Arne Nothdurft, Hans Pretzsch, Miren del Rio, Jerzy Skrzyszewski, Quentin Ponette, Magnus Löf, Āris Jansons, and Gediminas Brazaitis. Simulating the effects of thinning and species mixing on stands of oak (*Quercus petraea* (Matt.) *Liebl./Quercus robur* L.) and pine (*Pinus sylvestris* L.) across Europe. *Ecological Modelling*, 442(??):??, February 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020304683.

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[MAW+24b] Héloïse Muller, Etienne Auclair, Aubin Woehrel, Florian Ganthy, Pierre Tandeo, Paul Pao-Yen Wu, Carolyne Chercham, and Martin Pierre Marzloff. Site-level and spatially-explicit modelling provides some insights on key factors driving seasonal dynamics of an intertidal seagrass. *Ecological Modelling*, 495(??):??, September 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002400190X`. See corrigendum [MAW+24a].

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

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[PSM+21] Sylvain Poggi, Mike Sergent, Youcef Mammeri, Manuel Plantegenest, Ronan Le Cointe, and Yoann Bourhis. Dynamic role of grasslands as sources of soil-dwelling insect pests: New insights from *in silico* experiments for pest management strategies. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304439`.

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

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

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[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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[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`.

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[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`.

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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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[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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[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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[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. Increase in young forests, more than climate change may accelerate future colonization of temperate tree species in mixedwood boreal stands. *Ecological Modelling*, 498(??):??, December 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024002801.

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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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[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`.

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[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].

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

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

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

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

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

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[SJH+23] Vamsi Krishna Sridharan, Doug Jackson, Andrew M. Hein, Russell W. Perry, Adam C. Pope, Noble Hendrix, Eric M. Danner, and Steven T. Lindley. Simulating the migration

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

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

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

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

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

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

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

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

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

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[SLLW21] Erin Simons-Legaard, Kasey Legaard, and Aaron Weiskittel. Projecting complex interactions between forest harvest and succession in the northern Acadian Forest Region. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002179`.

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

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[SLY+21] Syed Mahboob Shah, Gengyuan Liu, Qing Yang, Marco Casazza, Feni Agostinho, and Biagio F. Giannetti. Sustainability assessment of agriculture production systems in

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

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

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

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

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

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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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[SMM+22] Muhammad Shaukat, Sher Muhammad, Ellen D. V. L. Maas, Tasneem Khaliq, and Ashfaq Ahmad. Predicting methane emissions from paddy rice soils under biochar and nitrogen addition using DNDC model. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000230`.

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

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[SMP20] Nicola J. Smith, Garry W. McDonald, and Murray G. Patterson. Biogeochemical cycling in the Anthropocene: Quantifying global environment–economy exchanges. *Ecological*

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

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

**Silva:2023:IPC**

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

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

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

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

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[SOV21] Yunyi Shen, Erik R. Olson, and Timothy R. Van Deelen. Spatially explicit modeling of community occupancy using Markov random field models with imperfect observation: Mesocarnivores in Apostle Islands National Lakeshore. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002660.

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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), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001228`.

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

**Stock:2021:PLP**

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

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[SQDM21] Zuchong Shang, Yuanhua Qiao, Lijuan Duan, and Jun Miao. Bifurcation analysis and global dynamics in a predator–prey system of Leslie type with an increasing functional response. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002192`.

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