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, PMP+21, PM22, VRRI+24]. **$84.99** [Mea20]. $_{10}$ [MBMV20, NSS+23, SBF+21]. $_{2}$ [AAR23, CCH20, GAMN+23, HKSM23, PG23, YLLL23, ZFT20, ZBH+22]. $_{4}$ [GAMN+23]. $_{mix}$ [XLS20]. a [LKP+20, WCSX22]. ϵ [WSW23]. I [RAB21]. k [WSW23]. r/K [MF20]. R_0 [WHE+24a, WHE+24b].

-D [PM22, WSW23].

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]. **109165** [CVTS20a]. **109198.** [SE20a]. **109265** [HES+23]. **109690** [SGTS23]. **12/110244** [AAAR24]. **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, Ano24k, Ano24l, Ano24n, Ano24m, Ano24o, Ano24p]. **21st** [YCK20]. **239** [DMdR24].

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

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

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

ABACUS [ACZ+21]. **abalone** [DLZ+21]. **Abatus** [APGD+21]. **Abies** [SKW23, WYBX23]. **Ability** [EHS+20]. **abiotic** [DAB+20]. **above** [MK21]. **aboveground** [HCL+24, HLH+21, MMdP+21]. **absence** [CIL+20]. **absences** [FSY22]. **abstract** [SvV21]. **abundance** [CDJ+22, CPTD22, FGM+24, HLZ+22, KLNMG22, PSM22, SWF21, SDP23, WWP20, YCI20]. **Acadian** [SLLW21]. **Acari** [AFdSM23]. **accelerated** [ABH+20]. **acceleration** [KDC+21]. **accelerometers** [DBH+22]. **access** [PF23]. **acclimation** [TMNA20]. **according** [MOS21]. **Accounting** [JS22, BARF20, BDA+20, CAS+24, DS24, HGBK23, JJN22, MBFS21, NND+22]. **accretion** [BMAME+23]. **accumulated** [SSM24]. **accumulation** [BMAME+23, BRBT22, CJM+23, JMPB24, SLHB+23]. **Accuracy** [Pie23, ALJ+22, BBIP24, GWH20, MVAD20, WHdBB21, YCI20]. **accurately** [GSMD24]. **achieve** [VRW+21]. **acid** [BPL+20, WLQ+23]. **acidification** [RRCZ20]. **acoustic** [GSH+22, LDR+20, PDD+22]. **acquisition** [RRP+23]. **across** [ATP20, ASL+20, CKK+24c, EHS+20, EVT+21, GCS+21, LMW+23a, LPHO+20, MKS21, MF20, RFJ+22, RLS+24, YYS+22]. **action** [SRÁMH+20]. **active** [dRMJdS23, VMM+21]. **activity** [ABH+20, CDB+20].

acuminata [PCN+23]. **acute** [MMS+24]. **adapt** [CN20]. **Adaptability** [KHS+23]. **adaptation** [GHK23, MPA+24, RMK21]. **Adaptations** [Koo24b]. **Adapting** [CMGD+22, ERP21, OTR+21]. **Adaptive** [JST+22, AVP+23, ASKR24, SLC+23, SGPSzC22, SC24b]. **adding** [MVAD20]. **Addition** [KKF+23, SMM+22, ZMF+20]. **additive** [CIL+20, KWC24, MEPJ21, UGSG24, WSL+22]. **Addressing** [RAC+24, AAR23]. **adjacent** [CAFT22]. **adjusted** [ALJ+22]. **adjusting** [TBZ+22]. **ADM1** [PFM+21]. **Administrative** [BM22a]. **adsorption** [MTT22]. **adults** [AJJ24]. **advanced** [COJ23, KHS+23, LE23]. **Advancing** [KAT+22]. **advantage** [WZLC24]. **advection** [FMRMAS24]. **Aedes** [ABZ22, HLB+20, VMM+21]. **aerial** [DP20]. **aestivum** [GGS+22]. **affect** [CLPZ20, GMM+24, MJS24, PNGESS21, PCL24, VSB22]. **affected** [LSS+21, PAPŁ+23]. **affecting** [LDXJ22, SOP22, YG21, ZYM+21]. **affects** [AHH22, Che22, GZW+20, SGCFB22, WZWF20]. **affordability** [ZHC23]. **Afforestation** [WXT+20, MTBB22]. **Africa** [COS23, LAK+23, MDB+20]. **African** [DDG+21, MTW+22, MD23, WMA21]. **africana** [DDG+21]. **after** [LZL22]. **Agadir** [RKN+21]. **against** [MKN23]. **Age** [FGM+24, BMM22, DIS23, MMC+21, PSBE23, RRSG21, XFK21]. **age-0** [PSBE23]. **Agent** [BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, AGS+21, AGS+22, ASKR24, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, HBC+22, JBF22, KE24, KS22, LTR+24, LE23, LL22, LZW20, MSLMM22, PBS21, STQ+22, SJA+22, SLM24, TLL+23, VVH+20, WLY+23, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agent-** [VVH+20]. **Agent-based** [BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, AGS+21, AGS+22, ASKR24, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, HBC+22, KE24, KS22, LTR+24, LE23, LL22, LZW20, MSLMM22, PBS21, STQ+22, SJA+22, SLM24, TLL+23, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agents** [CDC+22]. **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, ZBW+24]. **agriculture** [LPA+21, MFPIBGES23, SD24, SLY+21, WrJP+22]. **agro** [KMH+21, PBF+23, TBCV22, TBZ+22]. **agro-ecosystem** [PBF+23, TBCV22]. **agro-food** [KMH+21]. **agro-pastoral** [TBZ+22]. **Agroecological** [KKP+21, MAD+20, OSPZ22]. **agroecosystem** [BMRF21, CJM+23]. **agroecosystems** [ZMK+22]. **agronomic** [BCMV20]. **AHP** [SD24]. **AHP-based** [SD24]. **aimed** [CM21, Yao21]. **air** [CZ21, FWK+20, LBB20, SBF+21]. **airborne** [Laz23]. **akashiwo** [SIOM24]. **al** [NBU+23, RFHR24]. **Alaska** [LMW+23b, WA20]. **alba** [SKW23].

albacares [DPC20]. **albopictus** [ABZ22, HLB+20, VMM+21]. **album** [GRAA22]. **Alces** [KAMS22]. **Aleppo** [BAZ22]. **Alewife** [NGA+20]. **algae** [KNP+21, KBAC20]. **Algal** [XZZ+22, AWW24, BS21, CMKF22, CLH23, DVVH21, KDH+21, KSJ22, PTG+20, RFPRC23, ZGG22, ZWZ+20]. **algorithm** [Gat21]. **algorithmic** [dSMPA+22]. **algorithms** [CAK+24, SDH21, 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]. **Alosa** [NGA+20]. **alpine** [ALS+21, LGK+23, LGFT+20]. **alter** [PTD+23]. **altered** [CWY+24, GRCSA+20, KNP+21, LM21]. **alternative** [JvVvHH24, PTBFP+20, SD24]. **alternatives** [Koo20b]. **altissima** [dOPdMdS+21]. **altitudinal** [ZLL+23]. **altricial** [CC20]. **always** [GAC+21, Pér24]. **Amazon** [dOPdMdS+21, RFF+23]. **Amazonia** [JMC+22]. **Amazonian** [RRP+23]. **Ambient** [XWZ+22]. **Amblyseius** [TCG+20]. **America** [PMB+22]. **American** [ARSC22, BHC22, HBMR24]. **americanus** [BHC22]. **Ammospiza** [HBP+21]. **among** [ABM20, CKK+24a, LLZM20, Oku21, RBGB23]. **Amount** [MLV24, DL21]. **Ampelisca** [DZBB24]. **Amphipoda** [DZBB24]. **amplification** [CLHZ22]. **anadromous** [DSHB23]. **analogues** [PR21]. **analyses** [BGCJ21, HKG+24, MBG+22, SC21]. **analysing** [HHFB23, Jag20]. **Analysis** [AP22, BDP+23, CP20, RUTY23, USA21, WF24, WAHA+24, AG22, AHO+20, AAC20, BPB+20, BCW+23, BBSHC22, BLSR+20, CWF+21, CGVC21, DPA21, DS24, ESCA22, EGAS23, ENARM+23, FEPR24, HRW+24, HCL+24, HEL+21, HLM+20, IA23, JGG23, JLLS23, KT22, KKF+23, KHS+23, KUK+21, LL22, LLZM20, LDZ21, LZL22, LHJ+24, LM23, LLW+21, LAC+24, MFZ23, MPC+22, MMRBLN20, MLV24, NGA+24, NDNN22, NPS+23, OFH+20, 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, WCF+22, Yao21, ZMK+22, ZWL+21, ZZWF21, dGZHCA24, vDC20, BTC+22]. **Analytical** [CLH23, JZHT23, Mas23, NND+22, UGSG24]. **Analyzing** [RBEC21, SGPSzC22]. **Angelica** [ZWL+21]. **Animal** [RLS+24, ABB23, Ano20-50, AARS23, BLB24b, BVR+20, BTC+22, CDNN+20, DBH+22, JGG23, JVGC21, KLA+20, KHH+22, KHH+24, KLNMG22, MSG23, MKS21, WMA21, dKS22]. **animal-borne** [DBH+22]. **Animal-vectored** [RLS+24]. **animals** [HI22]. **ANN** [LNK+21]. **Announcing** [Fat21]. **annual** [HH23, RLM23]. **answer** [CBSB23]. **antagonistic** [LBL22, YL22]. **Antarctic** [BMB21, GSM+20]. **anthesis** [KFM+23]. **Anthropocene** [SMP20]. **anthropogenic** [MCMP+24, MFH+22, MAB23, SGRDA+24]. **antipatharian** [MTL+23]. **Antipathella** [MTL+23]. **APEX** [AJG22b, PR21, AJG22a]. **aphid** [BPW+21]. **aphids** [Hop23]. **Apis** [JSL+20, LBT+22]. **Apostle** [SOV21].

App [dSMPA+22]. **appearance** [PTF23]. **Application** [AG22, BGA+23, CMGD+22, CJM+23, DMG22, JB22, LCP+20, MDB+20, RWF22, RFCEL22, RFPRC23, SRB+20, YHC+21, YCI20, dMT23, AM22, ABR24, AACCIS20, BSPT23b, CH22, CAH22, DBV+22, DP20, GSC+23, HLS+23, JZJ+20, KRM+22, MKR20, MEGA21, MFF+24, MPA+24, MKB+24, OKS+21, PG23, PTRP23, RJY+20, RRSG21, WYJ+22, ZZZD22, dVDC20, DYMD22, MTP+20]. **Applications** [MLD+23, BAR20, DGSM21, GRS+20, KCP+23, Laz23, MBMV20, PPSS22, RAC+24, YRK+20]. **applied** [BM22b, CAS+24, KABL21, NMGFOB21]. **apply** [CXZ+23]. **applying** [BVR+20, RAB21]. **Approach** [JZS+21, LB21, AZBdAI23, BdCCdSAdS23, BLB+20, CB20, CMS+21, DIS23, DPA21, DSC+21, DPC20, EON23, FCFCM24, FFM+23, FMRMAS24, GHbS21, GZK+20, HBP+21, HKB+20, HBRK24, ILLM20, KTB+23, KWG+22b, KGBL24, Kos22, LTR+24, LG20, LL22, LL21, LLB+23, Lov24, ŁJ21, LYM+23, dSMPA+22, MDP21, MTBB22, MVC+22, MSS24, Mur24, MKB+24, NA22, NAM22, RK20, RBMRR20, RLdM20, SBS+21, SRÁMH+20, SLYL+20, SCB+20, SRTS20, SWF21, ST24, SWW+23, SKH+20, SZL+20, TPD+24, TSdOCV21, TSBE23, WST+23, WBD+22b, ZJEG24, dGZHCA24, dAWG23]. **approaches** [DTR+22, HPMB20, LBB20, RBEH21]. **approaching** [PDG+20]. **appropriate** [Mas23]. **Approximate** [BSR+23]. **approximation** [WSL+22]. **April** [Ano20a, Ano20m, Ano21a, Ano21m, Ano22a, Ano23a, Ano24a]. **APSIM** [CHR+23, EHS+20, HRW+24, OHH+21]. **APSIM-Potato** [OHH+21]. **APSIM-wheat** [HRW+24]. **Apulia** [GSC+23]. **AquaCrop** [PAdS+24]. **Aquaculture** [VLGG+20, FMH+20, GLA+20, HLS+23, HK23, LUV+23, LLC+24, WT20, YRK+20]. **aquatic** [ADR21, DK22, KE24, LYC+21, NKT+20, OKS+21, RBEH21, SKH+20, Yao21]. **aquatic-terrestrial** [OKS+21]. **aqueous** [MTT22]. **arable** [HSP+22]. **arboviral** [LDS+23]. **archipelagos** [RMV+24]. **architectures** [WrJP+22]. **archival** [HBMR24]. **Arctic** [DSHB23, JOE23, TLL+23]. **Arctodiaptomus** [TBP+23]. **Area** [DMdR24, WXT+20, XWX+24, AFdSM23, BBCD23, DHW+20, GJC+20, HKSM23, HH23, IA23, JS22, JHL23, LLW+21, MZLRSZ21, OBFH22, RPT21, SBF+21, SRK+20, ST24, VPV21, WWC+22, ZLZ+24, MTP+20, RGD20]. **areas** [AXMJ22, ALS+21, GCS+21, KT22, MRR+20, PWN+24, PAS+22, RBLS23, RFdL+24, RRFLV+22, SZPW23, VRW+21, ZBW+24]. **Argentina** [AZMD+22]. **Argentinean** [BAZ22]. **arguments** [AAM+22]. **arid** [FS22, GLK+22, LZF+24, LHJ+24, MPSS24, NWO21, PAdS+24, RSASP22, RS23, WXX+23, WFW+24]. **aridity** [HH23]. **arise** [CR24]. **arising** [AP22]. **armed** [Gat21]. **aromatic** [ZYZ22]. **arrangement** [CGB+23]. **arrangements** [PAdS+24]. **arrays** [PDD+22]. **Arrhenius** [MBMV20]. **Artemia** [KDC+21]. **Artemisia** [SZL+21]. **arthropod** [VMM+21]. **arthropods** [ZBW+24]. **article** [Fat21]. **artificial** [BSPT23a, BSPT23b, BLB+20, DLY+22, MS20, SNM+23]. **ascendency** [LZSQ20]. **Asia** [SKPL24, ZLLZ24, ZFC+23]. **asiaeorientalis**

[DZC+23a, DZC+23b]. **Asian** [NO24]. **Assembling** [CdCAC+20]. **assembly** [QZSV21]. **assess** [CMS+21, FDSM20, JSL+20, LGFT+20, RRFLV+22]. **assessed** [BPL+20]. **Assessing** [BARF20, CHR+23, CLW23, GSA24, HHBF24, JPMA+23, LLB+23, LHJ+24, OHH+21, PR22, RMV+24, SCB+20, TMFV22, TCS21, WA20, WWCT24, CC23, DBK20, DBDR22, JSD+22, LTR+24, MGK+23, MM21, ZOJ+23]. **Assessment** [BZZT22, GRCSA+20, ILLM20, AFG24, ACZ+21, BM22b, DIS23, EOÖ21, For24, FLG+23, GMM+24, HCL+24, KBSS23, LBI+20, LGK+23, LLW+21, LCMB21, MPC+22, MBFS21, MFH+22, MSS24, OZSU22, PBF+23, RSASP22, RBLS23, RS23, RFHR23, SLY+21, TBCV22, TWL+22, TKO+22, VPAV22, WAHA+24, XWX+24, Yao21, ZHJQ23, ZYM+21]. **assessments** [CB20]. **assisted** [MKEH20]. **association** [LW23, PPSS22]. **associations** [KCS22]. **assumptions** [BHC22]. **asynchrony** [HSL+22]. **Athias** [TCG+20]. **Athias-Henriot** [TCG+20]. **Atlantic** [dSRDC+23, DTD+23, HK23, RKN+21, VRRI+24]. **Atlantis** [SHF24, BLSR+20, CBG+22, PKB+23, dGZHCA24]. **atmosphere** [BLB+20, BGC+24, GXZ+24, KKP+21]. **attention** [PDW23]. **attentional** [vWVH20]. **attenuation** [SBWB24]. **audience** [CVTS20a, CVTS20b]. **augmentation** [RMA+24]. **augmented** [LAK20]. **August** [Ano20b, Ano20n, Ano21b, Ano21n, Ano22b, Ano23b, Ano24b]. **Aurelia** [YSFX23]. **aurita** [YSFX23]. **Australia** [CH22, FEPR24, YKZ+23]. **australis** [YXY+20]. **author** [CYP+20]. **autochthonous** [LDS+23]. **autocorrelated** [DMM+23]. **automata** [JB22, LZW20, SLC+20, ZHWZ23]. **Automatic** [LKP+20]. **automaton** [YXY+20]. **automobile** [IA23]. **Autoregressive** [DMG22]. **availability** [BLLL21, CLW23, JS22, KAB+23b, NWO21, VVH+20, WSN+21, ZHC23]. **Available** [RBVL+20]. **average** [PSG+22]. **averaged** [Che21, HMC20]. **avian** [WSN+21]. **Avicennia** [LK20]. **avifauna** [ADR21]. **avoid** [Koo24a, Uch23]. **avoidance** [CLH23, PF23].

B [DWH+21]. **backed** [vdMvDSL20]. **Background** [SC24a, RPT21, SBMG24, WSM24, XWZ+22]. **Bacteria** [BMBB24]. **bacterial** [ZL24]. **bacterium** [LPSF24]. **Baetidae** [KFJS20]. **baited** [KCHZ21]. **Baiyangdian** [ZYZ22]. **balance** [HCP+20, LGA20, RPARM20, ZFT20]. **balanced** [YL22]. **Balearic** [EWE20]. **ballistics** [PM22]. **Baltic** [BNN20, BNAR+21, SRK+20]. **bamboo** [ZCJ+20]. **banana** [CMSD+22]. **bandit** [Gat21]. **bank** [BGR20, LKO20]. **bar** [Tsy22]. **barbarum** [SWHZ22, WSHZ24]. **Barcelona** [MTP+20]. **Barents** [NHGP23]. **bargaining** [SACE+20]. **barnyardgrass** [MVC+22]. **Barrier** [ABR24, IA23]. **Barro** [FG21]. **Based** [LB21, Por21, ASHK22, AADHA+23, AAM+22, AGS+21, AGS+22, AWW24, ASKR24, AHO+20, APGD+21, AAC20, BdSG+23, BMB24, BDC+22, BPN+20, BGS+20, BGK+20, BSCH23, BdBG+21a, BAM23, BM21, BTC+22, CMHZ23, CXZ+23, CVTS20a, CVTS20b, CDB+20, CAK+24, CDNN+20,

CNNS+21, CGVC21, CPTD22, CSB22, CSMP21, CLG20, DK22, DPA21, DSC+21, DDG+21, DBN+22, DAB+20, DWG22, DWH+21, ESCA22, EWE20, EBMK20, EV22, EL22, ENARM+23, GSA24, GGMR20, GRCSA+20, GSRB22, HBMR24, HLB+20, HKG+24, HBC+22, HYY+24, HEL+21, HGBK23, HBRK24, HCPG20, HFP20, HFP22, JvVvHH24, JHL23, KFM+23, KCP+23, KE24, KS22, Koo24a, KWG+23, KTB+21, KLPJ24, KUK+21, LTR+24, LGFT+20, LE23, LL22, LZSQ20, LBI+20, LDZ21, LJP+22, LQH24, LZW20, LCW+21, Lov24, LLW+21, LYL+24, MFZ23, MSG21a, MSG23, MKS21, MDT+23, MCMP+24, MRR+20, MLJ+23, Mea20, MSLMM22]. **based** [MTZA23, MMMS23, MPCG21, MM21, Mur24, NWO21, NO23, NS20, NMC+20, NLMM23, OKS+21, PR21, PDW23, PFM+21, PAS23, PBS21, PDD+22, Pér24, PMP+21, PM22, RPG20, RFJ+22, RBMRR20, RFdL+24, RRFLV+22, STQ+22, SJA+22, SD24, SLY+21, SWHZ22, SLM24, SZ20, SPV+21, TWL+22, TLL+23, TSUY23, TPD+24, TBM+24, VN23, VVH+20, VSS+22, WHE+24a, WHE+24b, WBW+20, WRC21, WGAH22, WZLC24, WYBX23, WBD+22a, WWF+23, WKL+21, WrJP+22, XLM+23, XHS+24, YDLT24, ZMG+21, ZMS20, ZOJ+23, ZYZ22, ZZWF21, ZPZ+22, ZHJQ23, ZZQ23, ZL24, BdBG+21b, RRSG21, ZYM+21, Mea20]. **baseline** [ABB23]. **BASGRA_N** [HCP+20]. **Basin** [CWY+24, TGRM23, nCLpW+23, RSASP22, SD24, XHS+24, ZGMFESD23, 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, dGZHCA24]. **Bayesian** [BSR+23, GZK+20, BRSW24, CB20, GML+20, HZ22, HEL+21, KDH+21, MKB+24, RMA+24, SDH21, TDI+20, VSS+22, WSL+22, WBD+22b, ZWL+21, ZS20]. **bayesian-network** [GZK+20]. **bays** [BRBT22]. **be** [FSY22]. **beachrock** [SGP+20]. **bear** [CLW23, GCS+21]. **bee** [BSR+23, CSCT23, HCL+22, LBT+22]. **beech** [LhNA+21, LhNA+22, SKW23]. **beet** [AAM+22]. **beetle** [SC23]. **BEFANA** [MPC+22]. **before** [LZL22]. **behavior** [DAB+20, EWE20, JB22, JZHT23, KCHZ21, KS22, LCP+20, LJP+22, PAPŁ+23, WFD23]. **behavioral** [CMFC23, DBH+22, FTH24, MBB20]. **behaviors** [CAH22, GSH+22, YDLT24]. **behaviour** [ASKR24, LHDBN20, dAWG23]. **behavioural** [HBMR24, JPMA+23, JRD+22]. **behaviours** [JVGC21]. **behind** [DPC20]. **Beibu** [ZHJQ23]. **Beijing** [LZF21, LW23]. **being** [GMS+23, HL23, YPS+21]. **below** [MK21]. **belowground** [BPN+20]. **Belt** [LMW+23a]. **beluga** [MCB+23]. **Benchmark** [FHP+22]. **Benchmarking** [UGSG24]. **beneficial** [XHZH24]. **benefits** [CTL22, SWL+23]. **Bengal** [SD24]. **Benthic** [WLLW20, BAAN24, SBS+21, SINS22, TRMB20]. **Benthic-pelagic** [WLLW20, SINS22]. **bentho** [NT23]. **bentho-pelagic** [NT23]. **Bering** [OCT+23]. **Bernard** [PVS+21]. **Bertalanffy** [LK24a]. **best** [BM22b, CSMP21, VPV21]. **better** [DAQ20, HKY24, JJN22, MJdORPG23]. **between** [ABZ22, AS22, AM21, BLB+24a, BAR20, BBIP24, BLB+20, BG22, CWY+24, CMKF22, CZ21, CLY+23, CL24, CMA23, DYMD22, DSC+21,

GVG+23, GSM+20, KKP+21, LRA+20, LZL23, LK24b, LGA+21, MYACC22, MFPIBGES23, MPMT23, MGWG22, PWN+24, PPSS22, RUTY23, RP22, SLLW21, TLL+23, Vas20, WZHP21, YZZF22, YD20, ZMK+22, ZSS21, dKS22]. **Beyond** [MBMV20]. **BGC** [CAK+24, SNP+23]. **Bhutan** [CNSK21]. **bias** [AJJ24, RGD+22]. **biased** [AP22, BLP20, BBIP24, JMM+20, RSC+24]. **bibliographic** [DK22]. **Bifurcation** [SQDM21, NDNN22]. **bighorn** [DGSM21]. **Bilberry** [ML20]. **bimodal** [GDC24]. **bio** [ACFM22, TMFV22]. **bio-energetic** [TMFV22]. **bio-geochemical** [ACFM22]. **bioaccumulation** [GMM20, MLP+20, MPL+20]. **bioactive** [LBI+20]. **BioBaM** [KMH+21]. **BioBaM-GHG** [KMH+21]. **biochar** [SMM+22]. **bioclimatic** [ALJ+22, BRC+21]. **biocontrol** [ABC+22, CH22, JBF22, dAWG23]. **biodiverse** [WGMR23]. **biodiversity** [BRC+21, BSM23, CBW22, DSC+21, DWG22, DLT+22, GAM20, LG20, MPMT23, MPC+22, MAGR+22, MGdM+20, MBD+22, MPA+24, PBF+23, PNGESS21, TCS21]. **biodiversity-ecosystem** [MPC+22]. **Bioeconomic** [PHK23]. **bioenergetic** [LLB+23]. **bioenergetics** [DHW+20, HMVR21, HML+22, MFF+24]. **bioenergy** [ESCA22, LG20, MEGA21]. **bioenergy-driven** [LG20]. **Biogeochemical** [CL24, SMP20, BPL+20, DMdR24, ESZ+23, GGE+23, NBML21, SGTS21, SGTS23, Tsy22]. **biogeography** [ERP21]. **biogeomorphology** [ZZG+24]. **Biological** [BMRF21, BPW+21, CC23, CXZ+23, FMH+20, KCP+23, LRA+20, LAC+24, MBR+23, MBMV20, SvV21, SE21, TCG+20, XLS20, XGT+24]. **biomass** [ABRG21, AG22, AKY+22, ACZ+21, CJM+23, DBV+22, DS24, ERP21, GSR+23, HCL+24, HLH+21, KHH+22, KHH+24, KLPJ24, LYC+21, LCLG20, LUT+24, MMdP+21, MBS22, NK23, RWF22, SRB+20, WHL+23, ZZŠ+22]. **biome** [DDDC21, SNP+23]. **biome-BGC** [SNP+23]. **biophysical** [GML+20, HZ22, MTW+22, RMV+24, TK20b]. **biophysics** [RFHR23]. **biorefinery** [CAS+24]. **bioremediation** [GLA+20]. **biosphere** [FMSR20]. **biotic** [BLA+24, DAB+20, GSJC22, OMP+23]. **biovolume** [DAQ20]. **biphasic** [CMG20]. **bird** [ASL+20, CPTD22, WWCT24, YDLT24]. **birds** [CC20, GAC+21, OEC24]. **birth** [NTHC23]. **Biscay** [DHW+20, dGZHCA24]. **bivalve** [FMH+20, HMGK20, TMFV22]. **bivalves** [CMGD+22]. **bivalvia** [RMV+24]. **black** [LK20, vdMvDSL20]. **black-backed** [vdMvDSL20]. **blackspot** [DTD+23]. **blessing** [CBSB23]. **blight** [HEL+21]. **bloom** [AWW24, BS21, CR24, HMC20, KSJ22, PTG+20, SINS22, XZZ+22]. **blooms** [CMKF22, CLH23, DVVH21, ELS23, JvVvHH24, LWZL23, RFCEL22, RFPRC23, ZGG22, ZWZ+20]. **Blue** [TGRM23, CMFC23]. **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, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j]. **bobwhite** [STW+23]. **Bogota** [RBEC21]. **Bohai** [GSJ+20, YD20]. **bollworm** [WXH+22]. **boosted** [DBN+22, YCI20]. **border** [JHL23]. **boreal** [BWT+24, HLH+21, LPS+21, LMW+23b, ML20, MLV24, PCL24, RPB+23]. **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** [BMB24, ZYK22]. **boundary** [BM22a, SvV21]. **bounds** [LKO20]. **box** [LGG+22, PGB+20, SBR20]. **box-model** [PGB+20]. **boxes** [VJK+23]. **boxwood** [LGG+22]. **branch** [KLS20]. **branchiopods** [Koo24b]. **Bray** [RP22]. **Brazil** [dSBDH23, GSA24, MRR+20, OBFH22, dMT23, dPGDdFS24]. **Brazilian** [BdCCdSAdS23, MMdP+21, dRMJdS23]. **breeding** [CPTD22, GAC+21, RM20]. **Brian** [Des21]. **Bridging** [BMS+20, CSBS21, RP22, ZJEG24]. **broad** [ASL+20, CVTS20a, CVTS20b, TLL+23]. **broad-scale** [TLL+23]. **broadleaved** [WLT+23]. **broadleaved-Korean** [WLT+23]. **brood** [CMFC23]. **brood-dependent** [CMFC23]. **brown** [LG20, NDNN22, RWF22, SYL+24]. **browsing** [BLB+24a, HBRK24]. **Brucella** [LGFT+20]. **Bt** [WXH+22, dAWG23]. **Bti** [MMS+24]. **budburst** [PGdAM+20]. **Budget** [FCP+20, GLA+20, LFN+20, VLGG+20, vdMvDSL20, CDB+20, DLZ+21, HMGK20, JMHH22, KD20, Koo20b, LAK20, MKS21, Mat23, RPG20, RJY+20, RRCZ20, VVH+20, YRK+20, DPC20, KGBL24, RLH24]. **budget-based** [VVH+20]. **budget-individual** [CDB+20]. **budgets** [PDG+20]. **budworm** [SCG+23, STRC24, cNKF24]. **bugs** [KGBL24]. **Building** [GZW+20, JLH+21, 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]. **bycatch** [Ino22]. **BZI** [SDP21].

C3 [Mas23]. **cactus** [PAdS+24]. **cadmium** [GMM20]. **cage** [ABC+22]. **Calanoida** [TBP+23]. **Calanus** [BVM+21]. **calculation** [RBMRR20]. **calculations** [AAM+22]. **Calgary** [MMMS23]. **calibrate** [FFM+23]. **Calibration** [BSR+23, PFM+21, PAdS+24, FHP+22, HEL+21, JS22, LKP+20, LPHO+20, MPL+20, OFH+20, SNM+23, SDH21, VSS+22]. **Callinectes** [CMFC23]. **Cambodia** [TKO+22]. **camera** [HI22]. **CaMP** [BWT+24, BST+20]. **Camptotheca** [PCN+23]. **CAMPUS** [FSZ+20, FZS+20]. **CAMPUS-S** [FSZ+20, FZS+20]. **Can** [BLB+24a, GSM+20, vOVvdW23, CLHZ22, GMM+24, KN20, KHH+22,

KHH+24, LGG+22, Lef23, ŁKPK22, MVAD20, PCL24]. **Canada** [BWT+24, DMdR24, MPPM23, MTBB22, RPB+23, SCG+23]. **Canadian** [BST+20, BWT+24]. **Canis** [HKG+24]. **canopies** [PNGESS21, PMP+21, ZOJ+23]. **canopy** [CWW+23, CGVC21, HKY24, HKSM23, KBAC20, LWL24, MK21, MLJ+23]. **canyons** [GZW+20]. **capabilities** [GLH24]. **capacity** [HP20, MPSS24, PGB+20, TWL+22, YD20, ZHJQ23]. **Cape** [MDB+20, HBP+21]. **capita** [SGA22]. **capital** [BARF20, BDA+20, GPN+23, TBCV22]. **capture** [DMM+23, GZW+20]. **capture-recapture** [DMM+23]. **capturing** [YYS+22]. **Carapa** [dOPdMdS+21]. **Carbon** [GZW+20, RMO22, 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, KKPR20, LMW+23a, LSS+21, MLD+23, MTBB22, MLV24, MSG+21b, NKT+20, PZH+21, PGSL+20, RRP+23, RFF+23, SPPC21, SNP+23, WF24, WZLC24, WYBX23, XLS20, XLM+23, YA24, YJC+24, ZFT20]. **carbon-neutral** [EON23]. **carbon-nitrogen-water** [PGSL+20]. **carbonyl** [CWW+23]. **carcass** [PM22]. **careful** [BM22a]. **Caretta** [CRZ+23, II24, MZLRSZ21]. **caribou** [SDD+20]. **Carlo** [PM22, SDH21]. **carnivore** [GCB+22, PBS21]. **Carnosaurs** [PR21]. **carps** [LWE+22]. **carrying** [GJC+20, HP20, MPSS24, PGB+20, TWL+22, YD20, ZHJQ23]. **cascade** [DYW+22, WLZ+23a]. **cascades** [BDC+22, BNN20]. **Case** [OBFH22, SPPC21, ZLML20, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BG22, BARF20, CL21, ETAAH21, GRGHM21, GSJ+20, HNC+21, JLLS23, LZSQ20, LDZ21, LZF+24, LZL23, LDX+23, LZL22, LPA+21, LYL+24, LCMB21, MMS+24, MS20, Men22, MVC+22, OHH+21, OCT+23, PHK23, PSM22, PTNR+20, RFJ+22, RKN+21, RGD20, RAB21, SLC+23, ST24, SWP+23, SZL+20, TLH+20, VMM+21, 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]. **cattle** [CPAT20]. **causal** [AIA+23]. **caused** [HBRK24, YB22]. **causes** [NGA+20, RM20]. **causing** [EBMK20]. **Cautions** [ZFP21]. **Cautious** [MOS21]. **cavities** [VJK+23]. **CCG** [XLM+23]. **CCG-MRIO** [XLM+23]. **Cd** [MTT22]. **cedar** [HKSM23]. **cell** [OSH+21]. **cellular** [JB22, LZW20, SLC+20, YXY+20, ZHWZ23]. **CEmCA** [MMMS23]. **Central** [RSC+21, RSC+23, BAAN24, CNNS+21, LZF21, MLL20, ZLLZ24, CCH20, DSC+21, Pre22, ZFT20, ZFC+23]. **central-place** [CNNS+21]. **centric** [XLM+23]. **centroid** [BM22a, MYACC22]. **century** [YCK20, HCL+24]. **cepedianum** [PSBE23]. **CERES** [PTF23]. **certain** [LKO20]. **CH** [GAMN+23]. **Chagas** [EBMK20]. **chain** [LM23]. **chalcographus** [OFH+20]. **Challenges** [AGS+21, AGS+22, HL23, LSG21]. **Change** [HHI+22, BPF24, BOLC+22, BNAR+21, BAR24, COJ23, CDN+23,

COS23, COPM23, CNSK21, CMS+21, EBS23, FS22, HLH+21, JLLS23, KWC24, LBGD21, LSS+21, MTBB22, MLV24, MBD+22, MLP+20, MPL+20, MPA+24, MSS24, NGA+20, NYH20, PK23, PTD+23, PR22, RSASP22, RSC+23, RBVL+20, SLC+23, SMD+20, SWP+23, SSB22, SGRDA+24, SMV+20, TKO+22, 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, YZZF22, YB22, YPS+21, ZFT20]. **Changing** [LDS+23, APGD+21, BHC22, CN20, HSF+20, HCX+21, KWG+22b, MCB+23, OBFH22, TGRM23, TMNA20, TCS21, WSN+21]. **Channel** [DHW+20]. **channelized** [LEC+23]. **Chaos** [GZ23]. **Chaotic** [CR24, BMRF21]. **CHAPY** [OFH+20]. **char** [DSHB23]. **character** [CMA23]. **characteristics** [AAC20, LZF21, MFZ23, MBS22, SGH+23]. **Characterization** [HCW+22]. **characterizations** [HMDO20]. **characterize** [OTR+21]. **Characterizing** [dAdSCA20]. **Chattonella** [SIOM24]. **cheating** [LL22]. **Chelonia** [SMV+20]. **chemicals** [LBI+20]. **Chenopodium** [GRAA22]. **chensiensis** [WYBX23]. **Chernobyl** [VSK+20]. **Chesapeake** [DEMJ24, HSD+21, PHK23]. **chicken** [FC21]. **chicks** [vdMvDSL20]. **Chile** [BAAN24]. **chimpanzees** [CDC+22]. **China** [BCW+23, CWY+24, COJ23, CDN+23, CL21, CMHZ23, GJC+20, GSJ+20, HLH+21, HLS+23, JLLS23, KHS+23, LZSQ20, LZF+24, LZL23, LPHO+20, LZF21, LZL22, LGL+24, LYL+24, LW23, MFZ23, PWN+24, PZH+21, QS23, WHW+23, SWP+23, SZL+21, SRB+20, SZL+20, SML+20, TBZ+22, TLH+20, TGL+22, WWC+22, WXH+22, WLZ+23a, WYBX23, WLZ+23b, WLT+23, XLS20, XWZ+22, XWX+24, XHZH24, YLLL23, YD20, ZSS21, ZZW+22, ZBH+22, ZBW+24, ZLML20, ZXK+24]. **chinensis** [LGL+24, YRK+20]. **Chinese** [CZ21, ZLLZ24]. **Chinook** [BLLL21, HP20, MBB20, WDW+22]. **Chironomidae** [MMS+24]. **chlorophyll** [LKP+20, WCSX22, YYS+22]. **Choice** [AHH22, CSMP21, KTB+23, PMB+22]. **Chondrichthyes** [RSC+21]. **Chongqing** [JLLS23]. **chromosome** [BPB+20]. **Chronic** [HCW+22, BGK+20, BRSW24, KS22, TBM+24]. **circles** [ZHC23]. **circuit** [XHS+24]. **circulation** [KiAM+20]. **CiteSpace** [ZZWF21]. **cities** [LZF21, MKR20, NSS+23, YD20]. **citizen** [EMH+22, JMM+20, KAMS22, KRM+22, LJRM+20, SLB+23, VMH+21]. **City** [SBF+21, EON23, 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** [HHI+22, PTD+23, AHH22, AMP+23, BPF24, BOLC+22, BS20, BNAR+21, CWY+24, COJ23, CDN+23, CNSK21, CMS+21, CN20, Dav22, DMG22, ELS23, EBS23, FS22, HMC20, HLH+21, JST+22, KNP+21, LK20, LBGD21, MMdP+21, MTBB22, MLV24, MBD+22, MPA+24, MSS24, NHGP23, NYH20, OBFH22, PK23, QS23, RSASP22, RSC+23, RBVL+20,

SLC+23, SMD+20, SSB22, SGRDA+24, SMV+20, TGRM23, TCS21, TKO+22, WHL+23, WSHZ24, WKL+21, WLT+23, XLS20, YCK20, YLLL23, ZZŠ+22, ZRMW+20, ZXK+24]. **climate-driven** [NHGP23]. **climates** [BPW+21, Hop23, JS22]. **Climatic** [DMdR24, CLW23, CAK+23, CAK+24, LHJ+24, TGL+22]. **climatological** [CDN+23]. **clone** [AXMJ22]. **closure** [OHR+23]. **CLUE** [COS23, KMP+23]. **CLUE-S** [KMP+23, COS23]. **clues** [BMBB24]. **CMEMS** [ACZ+21]. **CMIP5** [ZFT20]. **CNN** [ZHWZ23]. **CNN-LSTM** [ZHWZ23]. **co** [DAG+21, Kos22, MJS24, GAMN+23, HKSM23, KKPR20, PG23, YLLL23, ZFT20]. **co-existing** [Kos22]. **co-harvest** [DAG+21]. **co-invaders** [MJS24]. **coast** [BWS+20, HMVR21, HK23, RKN+21]. **coastal** [BRBT22, CMGD+22, CL24, KPLH24, LLB+23, MKEH20, NSS+23, OTR+21, OBFH22, PZH+21, SBF+21, SRK+20, TWL+22, Vas23, WCSX22, ZZG+24]. **coasts** [OTR+21]. **cod** [JOE23]. **code** [MTT22]. **coefficient** [MBMV20, RFdL+24]. **Coefficients** [PPSS22]. **Coexistence** [SE22, AM21, CKC20, LGG+22, Pér24, YL22]. **coextinction** [BANG20]. **coffee** [CGB+23, KTB+21]. **cognitive** [GLH24]. **cohort** [KK20]. **cohorts** [GSMD24]. **coinfections** [SYL+24]. **colchicus** [KLPJ24]. **cold** [GSR+23, PA20]. **Coleoptera** [AJJ24]. **collaborative** [BJKT21]. **collapses** [SLC+23]. **Collective** [AZBdAI23, SLM24, WLY+23]. **collision** [BLB24b]. **Cololabis** [KiAM+20]. **Colombia** [RBEC21]. **colonization** [SKH+20]. **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, TKO+22]. **Combining** [BBCD23, BVR+20, CDNN+20, HCL+24, ZMS20, BOLC+22, WWP20]. **commensal** [JBF22]. **Comment** [CYP+20]. **Comments** [CCJK+20]. **commercial** [VRRI+24, WBW+20]. **commercialization** [MLD+23]. **common** [CDB+20, MHP+23, MLP+20, MPL+20, YXY+20, GXZ+24]. **commons** [AZBdAI23]. **communities** [CDJ+22, CSMP21, JRD+22, KCS22, PBF+23, YL22]. **community** [AADHA+23, CWF+21, Che22, CSB22, DvDA24, For20, LDZ21, LSL21, MGHT20, MPCG21, MPA+24, SOV21, SDSP+21, VSB22, WCF+22, Wu24, YXH20, YEL+21, ZMS20, LL22]. **community-level** [DvDA24]. **compactness** [WST+23, ZYK22]. **COMPADRE** [TK20a]. **Comparative** [EOÖ21, MFZ23, TCG+20, Koo20a, Koo24b, KBSS23, TQM+24, ZMK+22]. **compare** [BAAN24, CAB+21]. **Comparing** [ALK20, BRSW24, CKC+24, SRTS20, WHL+23, WSL+22, WT20, GAM20, LAC+24]. **Comparison** [CMHZ23, GLK+22, PCN+23, ZMF+20, LZL22, PTF23, RSWS23, SDH21, TSdOCV21, WGAH22]. **compartment** [KWG+22a]. **compatibility** [AVP+23]. **compensation** [BANG20]. **Competing** [PBH22]. **Competition** [BdSG+23, CMA23, AM21, BLB+24a, BPN+20, NMGFOB21, Pre22, RPG20, RMK21, WSN+21, YB22]. **Competitive** [GSRB22, MYH+20]. **complex**

[AGS+21, AGS+22, AIA+23, BP21, BNN20, BLSR+20, CGVC21, EHS+20, KCS22, KLH+24, Kle23, NK23, RBMRR20, SGPSzC22, SLLW21, SBR20, TK20b, XHS+24]. **complexity** [BA20, ESZ+23, GPN+23, SBS+21, SC24a, VRS20, WLWL23, WTT+21]. **complexity-stability** [WLWL23]. **components** [SGA22]. **Composing** [Kle23]. **composition** [BPF24, HES+20, HES+23, HLH+21, SHT21, WLT+23]. **compost** [SSJC23]. **compost-derived** [SSJC23]. **Comprehensive** [CLY+23, CMHZ23, KAB23a, WAHA+24]. **Computation** [BSR+23]. **Computational** [Laz23, CMS+21, ESZ+23, MDP21, GCSlR22]. **Computer** [MTT22, CGVC21]. **computing** [DRZ+24, GSJC22]. **concentration** [BH20, KDC+21]. **concentrations** [EOÖ21]. **concentric** [ZHC23]. **concept** [BWCD23, BRBT22, DP20, Gon23, SBM+22, ZHC23]. **Conceptual** [AAR23, AMK21, BA20, CSBS21, GSMD24]. **conceptualization** [PGP+22]. **Concerns** [RFHR23]. **concinna** [GSM+20]. **conclusions** [ML20]. **concolor** [CB20]. **concurrently** [WXH+22]. **condition** [CGB+23, LHJ+24]. **conditional** [RFPRC23]. **conditions** [AZMD+22, AS22, APGD+21, GGMR20, KCHZ21, LDXJ22, LUT+24, MLP+20, MPL+20, PYD+21a, PYD+21b, SE21, SE22, SBWB24, TGL+22, WSHZ24, WBD+22b]. **conductance** [Mas23]. **Conducting** [LGA20]. **Confidence** [SBFBDM24, BLSR+20, LK24b]. **configuration** [LZL23, MYACC22, OHH+21, dMT23]. **configurations** [CHR+23, MSLM+24, RWF22]. **conflict** [KT22]. **confluence** [CFL+22, DZC+23a, DZC+23b]. **congeners** [Kos22]. **conifer** [CLW+24]. **connections** [Jor22]. **Connectivity** [DLT+22, AGP20, JHKT+23, LTR+24, MP23, MS23, RMV+24, SZPW23, SWW+23, SKH+20, TA20]. **Consequences** [AVRC+20, JvVvHH24, Pre22]. **conservation** [AADHA+23, AAAR23, AAAR24, BMS+20, BWCD23, CXZ+23, CAH22, DSC+21, DWG22, GHbS21, HMGK20, HPMB20, LRA+20, MS23, MGdM+20, RBLS23, RSC+23, RBEC21, RAC+24, SACE+20, TCS21, VBH20, WGMR23, WWCT24, ZYK22]. **Conserving** [XCH+21]. **consider** [MPL+20]. **considerations** [DMPLHGL20, WST+23]. **Considering** [OTR+21, BANG20, DYMD22, LZD+24, NKT+20, dAWG23]. **Consistence** [YZZF22]. **consistency** [SBFBDM24]. **consistent** [Gri20, LPHO+20]. **consolidated** [ST24]. **conspecific** [WZHP21]. **constrained** [CIL+20]. **constraints** [CDJ+22, MVAD20, YEL+21]. **Construction** [XHS+24, ZHJQ23, CCJK+20, SBMF23, WLZ+23a]. **consumer** [CKC20, CBSB23, WLWL23]. **consumer-resource** [CBSB23]. **consumption** [CZ21, EL22, HBC+22, HWS+23, YZZF22]. **contact** [TLL+23]. **Contagion** [LCM24]. **contamination** [LLW+21, MLP+20]. **contemporary** [PTD+23]. **content** [BPK+20, MGK+23, SPV+20]. **Context** [FEPR24, DGSM21, HHBF24, MLP+20, MPL+20, PGB+20, RPG20, RLH24, VVH+20, VSK+20, YZZF22]. **context-dependent** [DGSM21]. **contexts** [KCS22, MVC+22]. **contiguity** [WST+23]. **continent**

[WWF+23]. **continental** [RFCEL22]. **continuous** [MKB+24]. **continuum** [MT23, MF20]. **Contrasting** [JJN22, AADHA+23, EHS+20]. **contribute** [VPV21]. **contributing** [PYD+21a, PYD+21b]. **Contribution** [DHW+20, AGP20, FSZ+20, FZS+20, LHJ+24, MYH+20, SGA22, TLC+22, WLZ+23b]. **contributions** [vDC20]. **control** [BPW+21, BPB+20, BMRF21, BCMV20, CAB+21, Fer23, HZ22, HLB+20, JvVvHH24, KSJ22, LRA+20, MBR+23, MD23, RBMRR20, SYL+24, SE21, SRK+20, TCG+20, WLQ+23, XGT+24]. **control-based** [RBMRR20]. **controlling** [BLB+20]. **Controls** [MBS22, KDH+21, MBB20]. **conventional** [AAM+22, KBSS23, MAD+20, TSdOCV21]. **convergence** [LMNV20]. **Converging** [LBB20]. **conversion** [dMFOM+20]. **converting** [ZA20]. **Convolutional** [JVGC21, PSG+22]. **cool** [TDI+20]. **cool-temperate** [TDI+20]. **cooperation** [Gat21]. **cooperative** [GAC+21, RBGB23]. **coops** [FC21]. **coordinated** [LYM+23]. **coordination** [YD20, YJC+24, ZSS21]. **copepod** [CSB22, KD20]. **Copepoda** [TBP+23]. **copper** [GRAA22]. **copper-induced** [GRAA22]. **coral** [CN20, GGMR20, XHZH24]. **cordatus** [APGD+21]. **Cordyceps** [CNSK21]. **core** [ALS+21, TLH+20]. **Coro** [CYP+20]. **Coronavirus** [Gat20, CYP+20, Cor20]. **Correcting** [BSCH23, RGD+22]. **corrections** [HGBK23]. **correlated** [AP22, PDD+22]. **correlation** [WZHP21]. **correlative** [HFSL+24, SACEU+21, TSdOCV21]. **corridors** [LHH+24]. **Corrigendum** [AJG22b, AGS+22, BdBG+21b, BS20, CVTS20a, DZC+23a, HES+23, IBB+22, KHH+24, LhNA+22, PYD+21a, SE20a, SGTS23, WHE+24a]. **corroborate** [FFM+23]. **coryi** [CB20]. **cost** [CZ21, HCPG20, Lef23]. **cost-effectiveness** [HCPG20]. **Costa** [AHO+20]. **Costing** [HPMB20]. **costs** [MJ24, NND+22, RRP+23]. **cotton** [GAMN+23, WXH+22]. **cotton-wheat** [GAMN+23]. **count** [RCSS20]. **countries** [LMW+23a]. **counts** [AP22, WWP20]. **County** [KT22, LYL+24]. **Coupled** [GGE+23, MTW+22, WXT+20, CXZ+23, DVVH21, FMH+20, KCS22, Mas23, MTT22, PG23, SINS22, WG21, WSW23, ZLL+23]. **Coupling** [YHC+21, BLA+24, WLLW20, YXY+20, YJC+24, ZSS21, ZHWZ23, ZZG+24]. **course** [LM23]. **CoV** [CYP+20, Cor20]. **cover** [COS23, CPTD22, DCT+21, DMdR24, HAZEF23, LSS+21, MKB+24, SCH+21, WWC+22, YCK20]. **coverage** [SGCFB22]. **cowberry** [ML20]. **Coyote** [MMMS23]. **Cr** [MTT22]. **crab** [CMFC23, OCT+23, YFW+21]. **crane** [NBMD21]. **crassipes** [XGT+24]. **created** [SBS+21]. **Creating** [HHFB23, EON23]. **Creek** [KFJS20]. **Crimea** [Vas23]. **Criteria** [USA21, KFM+23, LAC+24, MAN+20, MSS24]. **Critical** [TA20, ABM20, WCG+24]. **critically** [HMGK20]. **croaker** [RJY+20]. **Crop** [ECC+22, CSCT23, CJM+23, CGVC21, DCT+21, HKH+23, HBC+22, JPL21, LBT+22, LDX+23, LYM+23, MVC+22, OHH+21, RGB+23, SJA+22, TGB+23, WYJ+22]. **crop-weed** [CGVC21, MVC+22]. **cropland** [HCX+21, ZYK22]. **croplands** [RMO22]. **cropping** [DDH+22]. **crops** [CMSD+22, CAFT22, DGVVP23, NAM22, dAWG23]. **CROPSIM** [PTF23].

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

D [Des21, CGVC21, PMP+21, PM22, VRRI+24, WSW23]. **D.** [HKSM23]. **DAESim** [TBCV22]. **daily** [WHL+23]. **dam** [SAdA+22, WLZ+23a]. **damages** [SAdA+22]. **damaskrose** [NGA+24]. **damselfish** [GGMR20]. **Daphnia** [PDH+22]. **Data** [AVRC+20, BTC+22, AHH22, AADHA+23, AMK21, AMP+23, ATP20, AG22, ALK20, BSS+24, BS20, BBSHC22, BVR+20, CJM+23, EMH+22, GCSlR22, GCS+21, GML+20, ILLM20, IBB+21, IBB+22, Jag20, JVGC21, JMM+20, KAMS22, KRM+22, KKF+23, KD20, KUK+21, LDC+20, LJP+22, ŁKPK22, LAC+24, MMM+24, NGE+21, NT23, OSH+21, OW20, PK23, PSM22, PRdN+20, PPH+21, PM22, REGI+24, RMA+24, RGB22, RBVL+20, SSM24, SNP+23, TSdOCV21, VMH+21, ZWL+21]. **data-based** [AADHA+23]. **Data-driven** [BTC+22, CJM+23]. **data-poor** [AMP+23]. **data-sparse** [AMK21]. **Database** [TK20a]. **dataset** [LJRM+20, ŁKPK22]. **date** [DIS23, JPL21, TBZ+22]. **DayCent** [DDH+22]. **Dealing** [BVR+20, MVAD20]. **death** [NTHC23]. **DEB** [AVRC+20, GSM+20, JGG23, KK20, MPL+20, OMC+24, SLYL+20]. **DEB-structured** [KK20]. **DEB-tox** [AVRC+20]. **DEBtox** [Jag20]. **Debugging** [SLM24]. **Decadal** [HSL+22, IBB+21, IBB+22]. **decay** [AB21]. **December** [Ano20c, Ano20o, Ano21c, Ano21o, Ano22c, Ano23c]. **deciduous** [SPPC21]. **Decision** [LZW20, NGE+21, USA21, BVR+20, CMSD+22, For24, GZK+20, JST+22, MTW+22, MSS24, PGP+22, PBS21]. **decision-making** [BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Decision-Support**

[LZW20, PGP+22]. **decisional** [Pie23]. **decisions** [CDNN+20, LE23, WDW+22, YDLT24]. **decline** [LG20, RM20, XHZH24]. **Decne** [PCN+23]. **Decoding** [HNC+21]. **decomposer** [KKP+21]. **decomposition** [CCH20, KAB+23b, TGB+23]. **Deconstructing** [WGK+21]. **decrease** [dSBDH23]. **deep** [CCH20, EOÖ21, Lia23, WCSX22, WrJP+22]. **Deer** [HCW+22, BPF24, BLB+24a, BGK+20, KS22, TBM+24, VRW+21]. **Defaunation** [MMdP+21]. **defence** [RTH+21]. **defence-reproduction** [RTH+21]. **deficient** [CAFT22, YXH20]. **define** [MLV24]. **defines** [ZGG22]. **Defining** [NBU+23, RFHR24]. **defoliator** [PCL24]. **Deforestation** [dSBDH23, ZZW+22]. **Deforestation-induced** [dSBDH23]. **degradation** [AMK21]. **degraded** [BWCD23, ESCA22]. **degree** [ZSS21]. **degrees** [XHZH24]. **Delay** [RCSS20, AWW24]. **delayed** [WWA+22]. **Delimitation** [ZYK22]. **Delineation** [SD24]. **Delta** [CL21, SWP+23, GMS+23]. **deltaic** [BMAME+23]. **demand** [KMP+23, MRR+20, MGdM+20]. **demanding** [TSdOCV21]. **demersal** [BAAN24, DTD+23, RSC+21]. **Demographic** [BAZ22, PTBFP+20, ABC+22, CP20, MCMP+24, PSM22, ZOJ+23]. **demography** [JMC+22, LVM+22, PMB+22, STW+23]. **demonstrates** [JHKT+23]. **dengue** [ABZ22, ZXK+24]. **denitrification** [CL24]. **denning** [CLW23]. **Dense** [HHI+22]. **Density** [HI22, CKC20, PSBE23, RFPRC23, VRW+21, WRC21, dVDC20]. **density-dependent** [PSBE23, dVDC20]. **dependence** [WRC21]. **dependency** [FEPR24]. **dependent** [BHC22, CMFC23, CTL22, DGSM21, HML+22, KRMP23, MGWG22, NGE+21, PWN+24, PSBE23, PGdAM+20, RWF22, YB22, ZSS20, dVDC20]. **depletion** [BRAL23]. **deposition** [BPL+20, RLdM20]. **depredation** [CDT+23]. **depredation-impacted** [CDT+23]. **depth** [CGRR+24]. **depth-resolved** [CGRR+24]. **derived** [OW20, SSJC23]. **describe** [HFP20, RCSS20, RRSG21]. **Describing** [BPN+20, BWS+20, CNNS+21, PCN+23, PAB+22]. **Description** [RRSG21, TGB+23, FSZ+20]. **descriptive** [BSPT23a, BSPT23b]. **desert** [CWY+24, CJM+23, KWC24, LAK+23, ZMS20]. **desert-oasis** [CJM+23]. **desertification** [FMRMAS24]. **deserts** [BP21, WXX+23]. **design** [BBCD23, CWH+21, MAD+20, NPS+23, Tur20, WST+23, ZJEG24]. **Designing** [SJA+22]. **designs** [RAC+24]. **details** [WTT+21]. **detect** [LM23]. **detecting** [KKW+21]. **detection** [APF21, DMM+23, 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]. **Developing** [PFK+22, SDP21]. **Development** [AIA+23, DDG+21, ESZ+23, HL23, KLH+24, MFF+24, NO23, NT23, SSB22, ZZZD22, BSPT23a, nCLpW+23, CPAT20, CMS+21, DLZ+20, FEPR24, GCMU23, HEL+21, HBRK24, HCL+22, HSD+21, Jia21, JASW23, LPS+21, ŁJ21, LYM+23, RPB+23, SGPSzC22, SYL+24, SBWB24, TK20b, WRC21,

XHZH24, ZSS21]. **devices** [NPK+23, PDD+22]. **Dez** [ZMK+22]. **DGVM** [VK24]. **diadromous** [BOLC+22]. **diagnostic** [KMH+21]. **diagrams** [AIA+23]. **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]. **Different** [XHZH24, ATP20, AJJ24, BRSW24, CHR+23, DIS23, GVG+23, Hop23, JL23, LYC+21, MSLM+24, Sak23, SBMG24, TLC+22, TGL+22, WSHZ24, WTT+21, ZBH+22, ZLZ+24]. **differential** [COPM23, FGM+24, VMM+21, Wu24]. **Differentially** [RSC+24]. **Differentiating** [BG22]. **differentiation** [GSRB22, HLZ+22, ZSS21]. **differentiations** [LLZM20]. **differently** [RLdM20]. **diffusion** [CAH22, FMRMAS24]. **Diffusivity** [AJJ24]. **digestion** [AWW24]. **digging** [SLM24]. **DigiBog_Boreal** [RPB+23]. **digital** [KKW+21, SG20]. **dilated** [PSG+22]. **Dilution** [Oku21, CLHZ22]. **dimensional** [ABB23, Ano20-50, DBK20, LWE+22, NBML21, TWL+22, YLS+21]. **dimensions** [KCS22, SZPW23]. **dimictic** [EL21]. **DINAMICA** [HPMB20]. **Dingxi** [LYL+24]. **dinoflagellate** [GSJ+22]. **Dinosaurs** [PR21]. **dioecious** [LBT+22]. **dioecy** [MT23]. **dioxide** [BH20, BLB+20]. **diphtheria** [LPSF24]. **direct** [BGA22, MTS+20, TBM+24, ZOJ+23]. **directional** [STQ+22]. **discharge** [Che21, YG21]. **disciplines** [BVR+20]. **Discrepancies** [MYACC22]. **discrete** [mSzZK+21, SE22]. **discrete-time** [SE22]. **discrimination** [SBFBDM24]. **discus** [DLZ+21]. **Disease** [HCW+22, BAPW20, BJKT21, BGK+20, BRSW24, CBSB23, CLPZ20, CLHZ22, EBMK20, GSC+23, 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, LHH+24, AE22, AM21, BOLC+22, BSR21, CGV22, DZBB24, JPMA+23, LK20, LHDBN20, LBB20, LSL20, VMM+21, WSW23, dAdSCA20]. **disperser** [DAG+21]. **dispersion** [IA23, MYH+20]. **displacement** [CMA23]. **disprove** [LGK+23]. **dissimilarity** [RP22]. **dissolved** [CFL+22, FTH24, NKT+20, YFW+21]. **distance** [MVAD20, PPH+21, RP22, RBEH21]. **distance-independent** [PPH+21]. **distinct** [CTL22]. **distinguishes** [KWM+24]. **distort** [ŁKPK22]. **Distributed** [RCSS20, NA22]. **distribution** [AHH22, AMP+23, AFdSM23, ALJ+22, BOLC+22, BM22b, BM22a, BSCH23, BS20, BWSS21, BMS+20, BG22, CSBS21, CLPZ20, CNSK21, CKC+24, EWE20, FS22, GMM+24, GWH20, HLZ+22, HFSL+24, Jia21, MGK+23, MLJ+23, MMRBLN20, MVAD20, Men22, MBD+22, OW20, RBLS23, RSWS23, RSC+24, RJY+20, dSRDC+23, RPT21, SLB+20a, SVK20, SKW23, SBFBDM24, SC23, STRC24, SBMG24, TK20a, VRRI+24, VMH+21, VRS20, WSM24, WWP20, WSL+22, YLS+21, YCI20, ZZZD22, MLJ+23].

distributional [BLA+24]. **distributions** [HMDO20, JMM+20, LK24b, OMP+23, PEFW20, SRTS20]. **District** [MDP21]. **disturbance** [FdKO21, LVM+22, LHL22, NL20, PZH+21]. **disturbances** [YDQ+23]. **Disturbed** [HHI+22, KLNMG22, MHP+23, MCB+23, WLWL23]. **diversicolor** [GLA+20]. **diversion** [BLB+24a]. **diversity** [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]. **doab** [AIA+23]. **DODM** [STRC24]. **Does** [JJN22, CKC20, GZ23, KLNMG22, Pér24, PAS+22, PNGESS21, SKH+20, VSB22, XGT+24]. **doing** [ASKR24]. **dolomieu** [LBI+20]. **dolphin** [RBLS23]. **domainal** [Ano20-50]. **domestic** [GM23]. **dominance** [SIOM24]. **dominant** [AMP+23, LHH+24]. **Don** [HKSM23]. **Dorosoma** [PSBE23]. **dorsalis** [TBP+23]. **dose** [YXH20, ZL24]. **doses** [MJdORPG23]. **Douglas** [BLB+20]. **Douglas-fir** [BLB+20]. **down** [EOÖ21]. **downscaled** [NLMM23]. **Dr.** [Des21]. **drained** [RGD20]. **drift** [LEC+23]. **drinking** [ELS23, ZZZD22]. **drip** [GLK+22, GZD+23]. **drip-irrigated** [GLK+22]. **drive** [FLG+23, GZ23]. **driven** [ABR24, ABC+22, BTC+22, CMFC23, CJM+23, nCLpW+23, 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]. **Droop** [WGAH22]. **Drosophila** [RRSG21, SLM24]. **drought** [LPS+21, SKPL24, SD24, ZZLF24]. **drought-induced** [LPS+21]. **droughts** [HHBF24]. **dry** [DYMD22, DZC+23a, DZC+23b, YLLL23]. **Dryland** [CGV22]. **dryness** [JPL21]. **DSSAT** [PTF23]. **dual** [SZPW23]. **due** [AVP+23, LDS+23, MKR20, MYH+20, ZOJ+23]. **DUET** [MLJ+23]. **dugon** [Lef23]. **Dugong** [Lef23]. **dugongs** [Lef23]. **duration** [LGA+21]. **during** [CRZ+23, CZ21, DZBB24, DZC+23a, DZC+23b, KFM+23, OHH+21, STQ+22, Tsy22, dKS22]. **Dutch** [BAPW20]. **Dwarakeswer** [SD24]. **dwelling** [PSM+21]. **DynaGraM** [MPCG21]. **Dynamic** [BM21, DMPLHGL20, FCP+20, GLA+20, HMGK20, LFN+20, LZF+24, PSM+21, SC23, VLGG+20, WWC+22, ZLLZ24, ZLZ+24, vdMvDSL20, ABKA24, AADHA+23, BAAN24, CMGD+22, CDB+20, dSCdA21, DS23, DLZ+21, ERP21, FdKO21, FSY22, GMM20, HBRK24, JB22, JM22, KWC24, KD20, Koo20b, LYC+21, LAK20, LHL22, Mat23, RPG20, RJY+20, RRCZ20, SVK20, STRC24, SRB+20, SMS+24, TBCV22, TSBE23, Tur20, VJK+23, WCSX22, XWX+24, YRK+20, DPC20, KGBL24, RLH24]. **dynamical** [LPSF24]. **Dynamically** [SCG+23, JPL21]. **Dynamics** [DBDR22, GWD+23, MBR+23, PG23, ADR21, AM22, AG22, APF21, APGD+21, BS21, BOLC+22, BGS+20, BGR20, BGA+23, BLP20, CR24, CLH23, CL24, CGV22, DKM+21, DAQ20, DMGP20, DRZ+24, DS24, EL21, EL22, FCFCM24, FDSM20, FSZ+20, FZS+20, GSR+23, GAC+21, GRAA22, GSJ+20, HZ22, HSJ+20, HSP+22, Hop23, JLV+21, JLLS23, KDH+21, KCP+23, KSJ22, KLH+24,

LE23, LRA+20, LSL21, LQH24, LZW20, LSS+21, LGL+24, LCMB21, MLL20, MLMI23, MPSS24, MDB+20, MSLMM22, MF20, MB22, MMC+21, MPCG21, MKB+24, NO23, NO24, NS20, NGE+21, NLMM23, NK23, Oku21, OCT+23, PDH+22, PBH22, PSG21, PPH+21, PKO+21, PZH+21, PMP+21, PCK+22, RCCLMGV22, RFJ+22, RKN+21, REGI+24, RWS+21, SCB+20, SQDM21, SM22a, SMD+20, SE21, SE22, SLB+23, SJH+23, SLC+20, SBR20, TPD+24, TK20b, Uch23, VSB22, WGAH22, Wu24]. **dynamics** [XYZR21, XFK21, ZMS20, ZLLZ24, ZYM+21, GCSlR22].

E-PSR [RS23]. **E2E** [SHF24]. **each** [MJS24]. **eagle** [RM20]. **early** [LAK+23, MFF+24, WSFZ21]. **earth** [Kle23]. **earthquake** [BWS+20]. **earthworm** [RPG20]. **East** [BWS+20, COS23, MTW+22]. **eastern** [BWS+20, LAK+23, LLC+24, YJC+24, GGMR20, MDB+20, OCT+23, SCG+23]. **easy** [CXZ+23]. **easy-to-apply** [CXZ+23]. **EasyCA** [AXMJ22]. **Echinococcus** [MMMS23]. **eco** [Abe20, CN20, DPC20, GSC+23, LLC+24, LQH24, LW23, MF20, NWO21, NO23]. **eco-efficiency** [LW23]. **eco-epidemiological** [GSC+23]. **eco-evolutionary** [Abe20, CN20, LQH24, MF20]. **eco-hydrology** [NWO21, NO23]. **eco-physiological** [DPC20, LLC+24]. **ecode** [Wu24]. **Ecodynamics** [Ano20-49]. **ecogeomorphic** [PR22]. **Ecohydraulic** [Yao21]. **ecohydrodynamic** [DVVH21]. **ecohydrologic** [BKTM20]. **ecohydrological** [HKY24, MLMI23]. **Ecol** [BS20]. **Ecological** [AAAR24, AGS+22, ARSC22, BdBG+21b, BMS+20, CVTS20a, DS21, HES+23, KHH+24, LC20, LBI+20, LZD+24, LSG21, LLW+21, MMRBLN20, MP23, MGC24, Pie23, SE20a, SGTS23, TWL+22, TLH+20, VBH20, WHE+24a, WCF+22, XWX+24, ZYZ22, ZZQ23, AS22, Ano20-50, AFG24, BANG20, BRC+21, BAM23, BG22, CB20, CLY+23, CNSK21, CIL+20, CYP+20, Cor20, DYMD22, DK22, DWG22, EGAS23, ESZ+23, For24, GGE+23, Gon23, GPN+23, GCMU23, GZK+20, HCL+24, HYY+24, HNC+21, KMAA23, KNP+21, KLH+24, KAT+22, KBSS23, LLZM20, LCM24, ŁKPK22, LPD+20, LYL+24, MMM+24, MFPIBGES23, MS20, MZLRSZ21, NGA+24, NBU+23, NL20, OBFH22, PBH22, PHL20, PGB+20, PAB+22, PPSS22, PTNR+20, RS23, RBMRR20, RFHR23, RFHR24, RBEC21, SZPW23, SACEU+21, SCACB23, SML+20, VRS20, VSK+20, WG21, WXX+23, WLQ+23, WZLC24, XHS+24, ZMK+22, ZHJQ23, ZFP21, ZHC23, ZZG+24]. **ecological** [ZGMFESD23, dFT+20, Pas21]. **ecological-economic** [DWG22]. **ecological-risk** [GZK+20]. **Ecologically** [Por21, CWF+21, CKC+24, GCSlR22, MFF+24, WAHA+24, WCF+22]. **Ecologically-Based** [Por21]. **ecologists** [WG21]. **Ecology** [Mea20, Por21, BWSS21, CBW22, Fou21, PSW22, RFHR24, UGSG24, XJW21, dMT23]. **econ** [CXZ+23]. **econometric** [BVR+20]. **Economic** [DMPLHGL20, CZ21, DWG22, JLLS23, LZL22, NAM22, WAHA+24, WZLC24, ZSS21]. **economics** [LM21, SM20]. **economies** [WF24, YD20]. **economy** [Ano20-49, FMSR20, GCMU23, SAL+22, SMP20, ZA20]. **Ecopath**

[BWS+20, PTG+20]. **Ecophysics** [GRS+20, Pas21]. **ecophysiological** [CAK+23, CAK+24, TSdOCV21]. **ecoregion** [LhNA+21, LhNA+22]. **ecoregions** [HH23]. **Ecosim** [BWS+20, WA20]. **Ecosystem** [BM21, FWK+20, GSA24, LB21, PKB+23, RSB+23, YZF20, ZZŠ+22, ASHK22, ABM20, BMBB24, BNN20, BNAR+21, BAR24, BRBT22, BLSR+20, BDA+20, BGC+24, CBG+22, CL21, CLY+23, CWW+23, CXZ+23, CVTS20a, CVTS20b, CL24, CPAT20, DS24, EON23, FMH+20, FDSM20, GDF22, GSJ+20, GZW+20, HKB+20, HES+20, HES+23, JHL23, KPLH24, LUV+23, LL21, LZL23, LCW+21, LPD+20, LGA20, MPC+22, MEGA21, MFH+22, MTZA23, MBS22, NMS24, OHR+23, PBF+23, PGP+22, PRdN+20, PDGB21, PZH+21, PCK+22, RUTY23, RLS+24, SBS+20, SBS+21, SBM+22, SMD+20, SHF24, SINS22, SZL+20, TBCV22, WHL+23, WYBX23, WFW+24, XCH+21, XCZ+20, YPS+21, ZYZ22, ZCJ+20, ZYK22, ZHC23, ERP21]. **ecosystem-atmosphere** [BGC+24]. **Ecosystem-based** [GSA24]. **Ecosystem-scale** [FWK+20]. **ecosystem-wide** [HKB+20]. **Ecosystems** [BAR20, AM22, AAC20, BA20, BLL+23, BP21, BARF20, CP22, CTL22, DK22, DRZ+24, FSZ+20, FZS+20, GPN+23, GZK+20, HLW+20, HLZ+22, LSA+21, LWL24, MBG+22, OTR+21, OKS+21, WHW+23, RFHR23, RGRMRR20, WZHP21, WWCT24, ZFT20, ZFC+23]. **ecotone** [TBZ+22]. **ecotoxicity** [Jag20]. **ecotoxicology** [PFK+22]. **ectotherms** [RRSG21]. **edge** [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, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j]. **Edmonton** [NBML21]. **eel** [BdBG+21a, BdBG+21b]. **eelgrass** [KNP+21]. **Effect** [AFdSM23, JMC+22, JRD+22, KFM+23, LDX+23, RGRMRR20, ZBW+24, ABH+20, BLB+24a, BLLL21, CHR+23, CLHZ22, CMS+21, EWE20, KS22, KUK+21, KBAC20, LL21, LP22, MSG21a, MDT+23, MKR20, NDNN22, OMP+23, PDH+22, PZH+21, RCCLMGV22, RMA+24, XLM+23, dAdSCA20, RLM23]. **effective** [BCMV20, PMZ+21, SSM24]. **effectiveness** [BJKT21, HCPG20, XWX+24]. **Effects** [CWH+21, FdKO21, KKH+24, LHDBN20, LCMB21, MMC+21, MJS24, NBMD21, VRS20, YSFX23, ADR21, BKTM20, BH21, BSCH23, Che21, CGV22, dSCdA21, CP20, CSB22, DMM+23, DWH+21, EVT+21, HCL+22, Hop23, Ino22, KMAA23, KAB+23b, KLPJ24, KPLH24, LK20, LBGD21, LYZ+24, MMdP+21, MMS+24, MPSS24, MEPJ21, NK23, Oku21,

PTBFP+20, RWF22, RSC+23, SDD+20, SHF24, SWL+23, SBWB24, SML+20, TLL+23, VVH+20, VSK+20, VBH20, WLZ+23a, YPS+21, ZFC+23]. **efficiencies** [PGP+22]. **efficiency** [BAM23, HLW+20, LPL22a, LNK+21, LW23, WWCT24, Yu20]. **efficient** [RBLS23]. **efforts** [XHZH24]. **egg** [BGR20, LEC+23]. **eggs** [DLY+22, LWE+22]. **EGO** [HPMB20]. **ELA** [DMdR24]. **elasticity** [TK20a]. **electricity** [LGA+21]. **electrofishing** [RGD+22]. **elements** [MFZ23, PAPŁ+23]. **elephant** [HBC+22, MDP21, NMC+20]. **elephants** [DDG+21]. **elevated** [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, LDS+23]. **emergent** [DAB+20, LYC+21]. **emerges** [WLWL23]. **emerging** [VSB22]. **Emergy** [CAS+24, DYW+22, ESCA22, EGAS23, LB21, AAM+22, AAC20, CMHZ23, ENARM+23, LL21, LDZ21, LZL22, LYL+24, SAdA+22, TLC+22, ZMK+22]. **Emergy-based** [ESCA22]. **emigration** [WGK+21]. **Emilia** [MEGA21]. **emission** [IA23, KMH+21, WF24, XLM+23, ZMF+20]. **emissions** [BGA22, BWT+24, CMHZ23, DGVVP23, GAMN+23, HWS+23, MTS+20, PG23, SMM+22, TQM+24, YLLL23, ZPZ+22, ZBH+22]. **Empirical** [BdSG+23, BM21, dMFOM+20, JM22, KWP+23, LMNV20, MAN+20, RBGB23, RBEH21, Ste20, WGAH22]. **Employing** [ATP20]. **empowerment** [NBMD21]. **enables** [VK24]. **encounters** [dKS22]. **encourages** [GLH24]. **end** [BNN20, CGRR+24, CFG+22]. **end-to-end** [BNN20, CGRR+24, CFG+22]. **endangered** [BLLL21, HMGK20, HBP+21, MCB+23]. **endemic** [HMGK20, WLZ+23a]. **enemies** [LRA+20]. **energetic** [KLA+20, Lef23, TMFV22, WLLW20]. **Energetics** [CDB+20, DGSM21, Koo20a, Koo24b, WWF+23, WWA+22]. **Energy** [DPC20, DS24, FCP+20, GLA+20, KGBL24, LFN+20, MTP+20, PDG+20, RLH24, VLGG+20, ZLML20, BPK+20, BGC+24, CZ21, CDB+20, DLZ+20, DLZ+21, FMSR20, HMGK20, HWS+23, JMHH22, KD20, Koo20b, LAK20, LBS20, MKS21, MPMT23, Mat23, RPG20, RJY+20, RRCZ20, SLY+21, SML+20, VVH+20, YRK+20, vdMvDSL20]. **energy-based** [SLY+21]. **energy-budget** [JMHH22]. **Energy-Landscape** [MTP+20]. **Energy-systems** [DS24]. **engineers** [BMBB24, SBS+20, SBS+21]. **English** [DHW+20]. **enhance** [ATP20, FCP+20, Oku21]. **enhanced** [ESZ+23, HAZEF23, SJH+23]. **enhancement** [YRK+20]. **enhancements** [CSCT23]. **enough** [LJRM+20]. **enrichment** [OHR+23, SM22a]. **ensemble** [CWW+23, HBP+21, LLLZ21, ZFP21]. **ENSO** [GGMR20]. **entrainment** [HKH+20, LYZ+24]. **Entropy** [ZSS20, GCS+21, HMDO20, dRMJdS23, WT20, XJW21]. **envelopes** [MYACC22]. **environ** [LLW+21]. **environment** [BSE21, BWS+20, HSF+20, HLB+20, JASW23, KN20, KWG+22b, MCB+23, OEC24, PAdS+24, PNGESS21, SBS+21, SBMF23, SMP20, SGRDA+24, ZSS21, ZL24].

Environmental [LMNV20, MBB20, OZSU22, Pas21, AZBdAI23, APGD+21, BLA+24, BGA+23, BSR21, BAM23, BARF20, BDA+20, CZ21, DMPLHGL20, FAC22, HL23, HWS+23, JRD+22, JASW23, KWC24, KCHZ21, LBGD21, LCP+20, LBI+20, 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]. **environmentally** [ENARM+23]. **environments** [BVM+21, BR22, EHS+20, FSY22, Koo24b, MMRBLN20, SG20, YXH20]. **Enzo** [Ano20-49]. **ephemeral** [AGP20, BGR20, BSR21]. **Ephemeroptera** [KFJS20]. **EPIC** [WYJ+22]. **epidemics** [BCMV20]. **Epidemiological** [MD23, GSC+23, VSB22]. **epidemiology** [MMMS23]. **epigaeic** [ZBW+24]. **epipelagic** [CGRR+24]. **Epizootic** [MSLMM22, EBS23]. **equalization** [HCL+22]. **equation** [BPF24, CMG20, COPM23, DAQ20, KAB23a, NBU+23, RFHR23, RFHR24, UGSG24, Wu24]. **equations** [AZAD+23, FGM+24, MAN+20, VMM+21]. **equilibrium** [CL24, SBMG24]. **equitable** [DL21]. **equity** [ZOJ+23]. **equivalence** [HFP22]. **eradication** [HKB+20]. **erosion** [AJG22a, AJG22b, GGMR20, LSS+21, YG21, ZLZ+24]. **Error** [KWG+23, JTH24]. **errors** [OHH+21]. **eruptive** [Fer23]. **establishment** [AV22, JHKT+23, KKH+24, NND+22, SG20]. **esters** [WLQ+23]. **estimate** [ACFM22, GAMN+23, HCL+24, HLS+23, KAMS22, MCMP+24, PSM22, RFdL+24, SLB+23, TTPA21]. **estimated** [LCMB21]. **estimates** [ALK20, BHC22, CLW+24, DBV+22]. **Estimating** [BPK+20, GAM20, JS22, JMM+20, KD20, LB21, MLL20, SZL+21, WHE+24a, WHE+24b, ZPZ+22, BBIP24, GLK+22, LAK+23, LAK20, RMA+24, SWF21, SDP23, WYBX23]. **Estimation** [AJ22, II24, CCH20, EJ20, GZD+23, HI22, HCX+21, KLS20, KWP+23, MTT22, OMC+24, RFPRC23, SWHZ22, XWZ+22, Yu20]. **estimations** [YSIB24]. **estimators** [LK24b]. **estuaries** [FTH24, MLP+20, SJH+23]. **estuarine** [AM22, CMFC23]. **estuary** [Che21, HMC20, KDH+21, MKEH20, MBB20, DZC+23a, DZC+23b]. **ESV** [ZZQ23]. **ESV-FLUS** [ZZQ23]. **Ethiopia** [TGRM23]. **eucalypt** [BdSG+23]. **Eucalyptus** [EHS+20]. **Euclidean** [RP22]. **europaea** [PAPŁ+23]. **Europe** [ASL+20, EVT+21, HKG+24, HK23, Pre22, SBR20]. **European** [CH22, DHW+20, LG20, MKR20, RBVL+20, SLB+20a, SKW23, WBW+20, WBD+22a]. **eutrophic** [BS21, ELS23, ZWZ+20]. **eutrophication** [BNAR+21, CDJ+22, DBK20, DK22, NBML21, SRK+20]. **eutrophication-based** [DK22]. **evaluate** [BGA+23, GLA+20, KDH+21, KLPJ24, MAD+20, MPA+24, OEC24, TDI+20, WHdBB21]. **evaluates** [MGC24]. **Evaluating** [CAK+24, ERP21, GWH20, GSJ+20, HBRK24, HFSL+24, IBB+21, IBB+22, LDZ21, NGA+24, SZL+20, WLZ+23a, XCZ+20, DL21, DWH+21, MDB+20, MS23, NO23]. **Evaluation** [AAC20, CSZY+20, NWO21, WHW+23, STW+23, BSPT23b, BLL+23, CLY+23, HYY+24, Ino22, LPS+21, LZL22, MAN+20, MP23, PAB+22, SLY+21, SPPC21, SBFBDM24, SDP23, TK20b, WSZ+24, YZF20, RPARM20].

Evaluations [LEC+23]. **evaporation** [HKY24]. **evapotranspiration** [WLZ+23b, ZFC+23]. **event** [GRGHM21]. **events** [FS22, RFCEL22, RFPRC23, SLC+23, SSB22, TTPA21]. **Everglades** [RGD20, ZRMW+20]. **evergreen** [CLW+24]. **Evidence** [LW23, PK23, SGH+23, COJ23, CDC+22, MMRBLN20, ZA20, BAM23]. **Evolution** [Gon23, LZSQ20, Gat21, JOE23, LPSF24, LZF+24, LM21, LYL+24, WXH+22, YDQ+23, YD20, GCMU23]. **Evolutionary** [GHK23, Abe20, AARS23, BDC+22, CP20, CN20, GRCSA+20, LQH24, LBS20, MF20, MOS21, MJdORPG23, PDW23]. **Exaiptasia** [KRMP23]. **examine** [BWT+24]. **Examining** [CLG20]. **example** [CDNN+20, LPSF24, WA20]. **exchange** [ASHK22, BLB+20, HLS+23, RSB+23]. **exchanges** [SMP20]. **exciting** [GSH+22]. **exclusion** [MYH+20]. **Exergy** [VPAV22, NGA+24]. **exhibit** [HSL+22, PWN+24, RBGB23]. **existence** [dAdSCA20]. **existing** [JS22, KD20, Kos22]. **expansion** [GCB+22, LK20, MKEH20]. **expectations** [BMS+20]. **expected** [PTD+23]. **experienced** [SBMF23]. **experiencing** [RCCLMGV22]. **experiment** [ABC+22, BLB+24a, PNGESS21]. **experimental** [MPL+20, NS20, DMdR24]. **experiments** [FZS+20, JLV+21, PSM+21, Tur20, VN23]. **expert** [WBD+22b]. **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, SLHB+23, SJA+22, SOV21, TPD+24, WBW+20, WBD+22a]. **explicitly** [SBS+21]. **Exploitation** [CDT+23, TCB21]. **exploited** [CMGD+22]. **exploration** [KAB+23b, YYS+22]. **Exploratory** [BTC+22]. **explore** [BGS+20, MSLMM22]. **Exploring** [AAAR23, AAAR24, BNN20, CKK+24b, KMH+21, LPL22a, LZL23, SBM+22, SHF24, WZLC24, dMT23, BRBT22, DMGP20, GRS+20, NGA+20]. **export** [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** [SDSP+21, KMP+23]. **extension** [BP21]. **extensions** [MKS21]. **extensive** [BNN20]. **extensively** [HH23]. **extent** [AFdSM23, GHK23]. **extinction** [Dav22, TCB21, Uch23]. **extinctions** [GRCSA+20]. **extrapolation** [RRFLV+22]. **extreme** [Dav22, SLC+23, SCH+21, ZOJ+23].

facilitates [CKC20]. **Facilitation** [Pre22]. **facing** [BLB+24a]. **factor** [ST24]. **factored** [PSG21]. **Factors** [BLB+20, SOP22, BLA+24, CDN+23, CKK+24b, DPC20, HYY+24, HCL+22, LHJ+24, LW23, Vas20, YG21, YYS+22, ZSS21, ZYM+21]. **facts** [MZLRSZ21]. **facultative** [PGdAM+20]. **Fagus** [LhNA+21, LhNA+22, SKW23]. **fails** [AE22]. **failure** [SAdA+22]. **family** [SBFBDM24]. **Farm** [WrJP+22, TLC+22]. **farmer** [ASKR24, BAM23, LE23, MGdM+20]. **farming** [BGA+23, ENARM+23, HSP+22, MDB+20, WAHA+24]. **farmland** [LE23, OEC24, WWCT24, YLLL23]. **farms** [LBN+22, MM21]. **fast**

[AKM22, LM21, LCM24, SdlP20]. **fastidiosa** [BCMV20, GSC+23]. **fate** [BSPT23a, BSPT23b, MLV24, SSJC23]. **fates** [WLQ+23]. **Fath** [Des21]. **fauna** [Yao21]. **favorable** [KDC+21]. **favourability** [MDT+23]. **favourability-based** [MDT+23]. **Feasibility** [AS22]. **feature** [LSG21]. **Features** [CLG20, SDD+20]. **February** [Ano20d, Ano20p, Ano21d, Ano21p, Ano22p, Ano23p, Ano24k]. **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]. **felids** [RSC+24]. **female** [WBD+22b]. **Fenghuangshan** [ZZZD22]. **Fenneropenaeus** [YRK+20]. **ferrugineus** [AJJ24]. **fertility** [CAB+21, VPAV22]. **Fertilization** [DGVVP23]. **fertilizer** [JLV+21, LYM+23]. **fever** [ABZ22, MSLMM22, MSLM+24, MD23]. **few** [AXMJ22]. **fidelity** [BR22]. **Field** [CFL+22, SOV21, BGA22, GZD+23, HGBK23, LAC+24, MGC24, NGE+21, PSM22, PDD+22, SGH+23]. **field-based** [PDD+22]. **fields** [BMAME+23, GSR+23]. **fieldwork** [DIS23]. **filamentous** [KBAC20]. **filter** [CWW+23]. **filtering** [EMH+22, VMH+21]. **Fine** [Fou21, JSD+22, KTB+23, YSIB24]. **fine-scale** [JSD+22]. **Fine-tuning** [Fou21]. **finer** [KKF+23]. **finless** [DZC+23a, DZC+23b, HSF+20]. **finmarchicus** [BVM+21]. **Finnish** [KRM+22]. **fir** [BLB+20, SKW23]. **fire** [ABRG21, AAAR23, AAAR24, BKTM20, ERP21, HH23, JLH+21, JB22, LMW+23b, MMdP+21, OHP+23, SLHB+23]. **fire-land** [JLH+21]. **fire-prone** [ABRG21]. **fires** [dRMJdS23, NA22]. **first** [BPN+20]. **Fish** [AWW24, BPK+20, BGCJ21, BSR21, CSBS21, CFG+22, DLY+22, FTH24, HML+22, JMHH22, KTB+23, LDC+20, LBN+22, LCP+20, LBI+20, LZD+24, LYZ+24, LGA+21, LUT+24, MFF+24, NT23, NPK+23, NPS+23, PBH22, RUTY23, RGB22, SLB+20a, SRTS20, VRRI+24, WLZ+23a, WLY+23, dKS22, PDD+22]. **Fisher** [RBMRR20]. **fisheries** [BWS+20, CDT+23, GSJ+20, Lov24, PHK23, WBW+20, XHZH24]. **fisheries-targeted** [GSJ+20]. **fishery** [AKM22, BNAR+21, CMGD+22, DMGP20, LGL+24, MZLRSZ21, RSC+23, SM22a]. **fishes** [HMDO20, LLB+23, SGLK20]. **fishing** [BAAN24, KiAM+20, KKH+24, RWF22, XHZH24]. **fit** [PAS+22]. **five** [IBB+21, IBB+22, ZMF+20]. **fixation** [CL24]. **fixed** [GSRB22, HLS+23, JPL21, MLV24]. **fixing** [GSRB22]. **fjordic** [GMM+24]. **fjords** [AM22]. **flammulated** [CWH+21]. **flexibility** [AKY+22]. **flexible** [JMC+22]. **flight** [KWG+22a, SGV+24]. **flights** [STQ+22]. **floating** [HLS+23]. **floodplain** [LUT+24, TSUY23]. **Florida** [PTG+20, ZRMW+20, CB20, CRZ+23, SPB+24]. **flow** [ARSC22, HLM+20, JB22, LZD+24, NPK+23, OSH+21, SBWB24, WDW+22]. **flowering** [KKW+21]. **flows** [FMSR20, HKH+20, MFZ23, RLS+24, ZZWF21, ZLML20, dPGDdFS24]. **fluctuating** [BSE21]. **Fluctuation** [SGH+23]. **fluctuations**

[FCFCM24, GZ23]. **Fluid** [GCSlR22]. **flume** [LEC+23]. **fluorescence** [SPPC21, YYS+22]. **FLUS** [ZZQ23]. **flux** [ASHK22, CSB22, SPPC21, ZWZ+20]. **fluxes** [ACFM22, BGC+24, CLW+24, GXZ+24, HKSM23, SNP+23]. **fly** [DBN+22, YKZ+23]. **focal** [For20]. **focused** [Laz23]. **folivore** [STRC24]. **follow** [KK20]. **following** [LVM+22, cNKF24]. **Food** [GHbS21, SRK+20, BAAN24, 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+24, RPARM20, SML+20, TWL+22, TBZ+22, ZMK+22]. **forage** [MPA+24, PAdS+24]. **foragers** [CNNS+21, 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, HAZEF23, NLMM23, Pie23, ZFP21]. **forecasts** [NLMM23, WF24]. **foreign** [SML+20]. **Forest** [BAR20, ETAAH21, Mea20, MTZA23, RBEC21, ABH+20, AHO+20, BSS+24, BAPW20, BPF24, BdSG+23, BLL+23, BGC+24, CM21, CWW+23, CLW+24, DBV+22, DS24, FFM+23, FEPR24, FG21, FSZ+20, FZS+20, FHP+22, GMS+23, GHK23, GSMD24, HKY24, HBRK24, IBB+21, IBB+22, JB22, KWP+23, LDR+20, LhNA+21, LhNA+22, ML20, MSLMM22, MSLM+24, MLV24, MKB+24, NMS24, NA22, PPH+21, PZH+21, PNGESS21, PSW22, PCL24, Pre22, PGSL+20, RFJ+22, RFF+23, SE20a, SE20b, SAL+22, SMD+20, SLLW21, SPPC21, SNP+23, TDI+20, VK24, WZHP21, WYBX23, WLT+23, YA24, ZCJ+20, ZLL+23, CKC+24, VSK+20]. **forested** [BPL+20, HH23]. **Forests** [HHI+22, AMP+23, BSS+24, CAK+23, HHFB23, HHBF24, HLH+21, IBB+21, JHKT+23, 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, XJW21, YSIB24, ZRMW+20]. **form** [MAN+20]. **formation** [FMRMAS24, KFM+23, SLC+20, dKS22]. **former** [LGK+23]. **forming** [CR24]. **forms** [LZSQ20, WGAH22]. **formulation** [BRAL23, FSZ+20]. **Fort** [Pas21]. **fouling** [PF23]. **foundation** [KAT+22]. **four** [AAC20, MKR20, PDW23, SINS22]. **four-party** [PDW23]. **foxes** [TLL+23]. **fragmentation** [JRD+22, cNKF24]. **fragmented** [BWCD23, CJM+23, LSA+21, RMV+24]. **fragments** [LTR+24, MSLMM22]. **framework** [AMK21, AAR23, BSU+23, BGK+20, BAR24, CMSD+22, CIL+20, CDC+22, DBDR22, DBH+22, II24, JLH+21, JM22, KDH+21, LDC+20, LMNV20, LJRM+20, LLLZ21, MTW+22, MHP+23, PAS23, PDGB21, RAC+24, SGPSzC22, SGA22, TLC+22, TWL+22, TDI+20, ZLL+23]. **frameworks** [Mur24]. **Framing** [SC24b]. **France** [BPL+20]. **franksi** [LVM+22]. **free** [DGSM21, Men22, TBM+24]. **free-ranging** [DGSM21, TBM+24]. **freezing**

[LCW+21]. **freezing-thawing** [LCW+21]. **French** [RMV+24]. **frequency** [MMdP+21, PCL24]. **frequently** [KLNMG22]. **fresh** [GGE+23]. **freshwater** [KWM+24, LDC+20, SC24a, SRTS20, TCS21, Tsy22, WSZ+24]. **friendly** [ENARM+23]. **front** [ASL+20]. **frozen** [LMW+23b]. **frugiperda** [BSU+23, dAWG23]. **fruit** [DBN+22, LBT+22]. **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, dAdSCA20]. **functioning** [MPC+22, MBG+22, RLS+24]. **functions** [ALK20, CNSK21, LAK20, PCN+23, VPV21]. **fundamental** [EL21, JS22]. **Fundão** [SAdA+22]. **fungal** [MGHT20]. **Fusarium** [GGS+22]. **fusion** [SWP+23]. **future** [BPW+21, CZ21, CLW23, CLG20, ELS23, FHP+22, FS22, GHK23, HSD+21, KNP+21, LhNA+21, LhNA+22, MBD+22, PR22, ZPZ+22, ZXK+24]. **futures** [KMH+21]. **Fuzzy** [DSHB23, KLH+24, ZWL+21].

Gadus [JOE23]. **Gaia** [Gat20]. **gain** [BPK+20]. **Galatheidae** [BAAN24]. **Game** [MB22, DS23, GHbS21, LBN+22, PDW23]. **games** [AARS23]. **Gammaridae** [DZBB24]. **Ganges** [RBLS23]. **Gansu** [XHS+24]. **gap** [DTR+22, RP22]. **Gaps** [AVRC+20, ŁKPK22]. **garden** [SSJC23]. **gardens** [RPARM20]. **Gas** [dKS22, BST+20, BWT+24, CFL+22, CPAT20, HCP+20, KMH+21, MTS+20, TQM+24]. **GCM** [TKO+22, ZFT20]. **GCM-related** [TKO+22]. **geese** [JZJ+20]. **gene** [FLG+23]. **general** [PSG21, RRSG21, DLT+22]. **generalizable** [RBEH21]. **Generalized** [SE21, CIL+20, KWC24, SE22, WSL+22]. **generated** [TK20a]. **Generation** [EHS+20, LGA+21, MKS21]. **generic** [CdCAC+20, DWG22]. **generically** [CDJ+22]. **genetic** [SG20]. **genetically** [NS20]. **Geo** [DIS23]. **Geo-spatial** [DIS23]. **geochemical** [ACFM22, MTT22]. **Geographic** [LB21, HMDO20, RJY+20, SM22b]. **geographically** [BBIP24, CKC+24]. **geography** [MYACC22, USA21]. **geolocation** [NT23]. **Georgia** [MPPM23]. **geospatial** [KKF+23]. **geostatistical** [BMB24]. **Gerais** [MRR+20, dPGDdFS24]. **German** [HHBF24]. **germanica** [CH22]. **germinans** [LK20]. **GHG** [HWS+23, KMH+21]. **giant** [DRZ+24, XFK21, HYY+24]. **GIS** [DTR+22, DIS23, ILLM20, KFM+23, Lov24, SD24, USA21]. **GIS-based** [KFM+23, Lov24]. **given** [SE20a, SE20b]. **gizzard** [PSBE23]. **GLCM** [DLT+22]. **glider** [ACZ+21]. **GLM** [CKC+24]. **Global** [HRW+24, LB21, MBFS21, CBW22, COPM23, CYP+20, Cor20, CKC+24, HES+20, HES+23, KMH+21, LC20, LhNA+21, LhNA+22, LMW+23a, MLP+20, MPL+20, OHH+21, PG23, PSG+22, SQDM21, SMP20, TRMB20, XLM+23]. **global-scale** [CYP+20, Cor20]. **globe** [HHFB23]. **globosa** [LCMB21]. **goal** [NMV+23]. **goals** [GCMU23, NAM22, HL23]. **going** [ARSC22]. **golden**

[BDP+23]. **Gompertz** [CMG20]. **good** [BCMV20, LJRM+20]. **Gorges** [XWX+24]. **governance** [PDW23]. **GPLake** [CDJ+22]. **GPLake-S** [CDJ+22]. **GPP** [SPPC21, YYS+22]. **Grabarnik** [Mea20]. **gradient** [ALS+21, NSS+23, SGTS21, SGTS23, SGCFB22]. **gradients** [BMS+20, LBGD21, OMP+23, RLS+24]. **grain** [COJ23, KFM+23]. **granularity** [OSH+21]. **grape** [EGAS23]. **grass** [HGBK23, PAdS+24]. **grasshopper** [LBGD21]. **Grasshoppers** [HSL+22]. **grassland** [HCL+24, HCP+20, LWL24, MTW+22, MPA+24, WHW+23, SOP22, WTT+21, Yu20, ZFT20]. **grasslands** [AG22, ACFM22, BAZ22, CSM23, DP20, HHT21, MPCG21, PSM+21, SHT21]. **grazer** [KWG+22b]. **grazing** [CSM23, JZS+21, 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]. **green-lipped** [RRCZ20]. **greenhouse** [AAC20, BST+20, BWT+24, HCP+20, KMH+21, MTS+20, TQM+24, TCG+20, ZBH+22]. **greening** [WLZ+23b]. **greenspace** [CLY+23]. **grey** [CAB+21, HKG+24]. **grizzly** [GCS+21]. **gross** [GLK+22, GZD+23, HCX+21, KWP+23, ZZLF24]. **Ground** [ABC+22, EOÖ21, FSZ+20, FZS+20]. **ground-level** [EOÖ21]. **Ground-truthing** [ABC+22]. **grounds** [KiAM+20]. **Groundwater** [MSS24, Che21, ZSS20, BPN+20]. **groundwater-dependent** [ZSS20]. **group** [AIA+23, GAC+21]. **groups** [BLP20, NHGP23, RBGB23, vWVH20]. **grouse** [OHP+23]. **Growth** [KDC+21, dSMPA+22, dOPdMdS+21, VLGG+20, WXT+20, AZMD+22, AZAD+23, AXMJ22, AG22, AWW24, CZ21, CMG20, CAK+23, CMS+21, DHW+20, DMG22, DPC20, dMFOM+20, HMVR21, HGBK23, HFP22, Jia21, JASW23, KLS20, KAB23a, KABL21, KGBL24, KLA+20, KBAC20, LK24a, LM21, LZF21, LCMB21, MPSS24, MGHT20, MJ24, MFF+24, MLP+20, PCN+23, PKO+21, Pre22, RGB22, SE20a, SE20b, SVK20, SGH+23, mSzZK+21, SMV+20, SRB+20, SLC+20, TMFV22, TKO+22, WYJ+22, YA24, YSFX23, ZYK22, ZS20]. **growth-maintenance** [AG22]. **Guangxi** [ZHJQ23]. **guarantee** [CKC20]. **guaranteed** [AZBdAI23]. **GUESS** [ERP21]. **guianensis** [dOPdMdS+21]. **guidance** [Gri20]. **guide** [BWCD23, DWG22, Tur20]. **guided** [HSJ+20]. **guideline** [SACEU+21]. **guiding** [PM22]. **guild** [CKC20]. **guilds** [LLZM20]. **Gulf** [BHC22, CGRR+24, MZLRSZ21, RWF22, WSFZ21, ZHJQ23]. **gull** [vdMvDSL20]. **gut** [LSL21]. **GWR** [ZSS21].

H [HKSM23]. **Habitat** [HSF+20, HK23, KWM+24, KLNMG22, YHC+21, BOLC+22, BHC22, BLLL21, BBSHC22, BG22, CWH+21, CLW23, CKK+24a, CKK+24b, CKK+24c, DL21, DSHB23, GVG+23, HYY+24, ILLM20, JLH+21, JHKT+23, JRD+22, LZF+24, LZD+24, LGA+21, LUT+24, MS23, OEC24, OHP+23, PWN+24, PTNR+20, SvV21, SWW+23, SKH+20, WLZ+23a, WWF+23, WKL+21, WWCT24, Yao21, YXY+20, ZWL+21, cNKF24]. **habitats** [Che21, DTD+23, GRCSA+20, KE24, YDQ+23]. **Haliaeetus**

[RM20]. **Haliotis** [DLZ+21]. **Handling** [LKPK22]. **Hanjiang** [XZZ+22]. **hannai** [DLZ+21]. **harbour** [WSL+22]. **hardcover** [Mea20]. **hardwood** [JLH+21, MLL20]. **hare** [LG20]. **Harmful** [KSJ22, CR24, CMKF22, CLH23, PTG+20, RFPRC23, SIOM24]. **harvest** [dSCdA21, DAG+21, DDL+20, SLLW21]. **harvested** [MLV24]. **harvesting** [BSE21, KLPJ24, NK23, PBH22, PHK23, SvV21, SM22a]. **harvesting-induced** [NK23]. **hatching** [LAK+23]. **hatchling** [LHDBN20]. **hazard** [AAAR23, AAAR24]. **healing** [LHL22]. **health** [PF23]. **heat** [KFM+23, SCH+21, ZOJ+23]. **heatwave** [SMV+20]. **heatwaves** [MKR20]. **heavy** [LLW+21, WSZ+24]. **Hebei** [LZF21, LW23, ZLML20]. **Hediste** [GLA+20]. **Height** [SE20a, SE20b, HBRK24, HLS+23, HFP22, dAPdBMT23]. **heights** [IA23]. **Heihe** [XHS+24]. **helper** [GAC+21]. **hemimetabolous** [SKH+20]. **Hemiptera** [PTBFP+20]. **Henriot** [TCG+20]. **herbaceous** [MLJ+23]. **herbicide** [XGT+24]. **herbivore** [Hop23, WSN+21, YL22]. **herbivores** [GJC+20, RMK21]. **herbivorous** [PGdAM+20]. **HermaDEB** [LBS20]. **hermaphrodites** [LBS20]. **hermaphroditism** [MT23]. **hermaphroditism-dioecy** [MT23]. **heterocyst** [GSRB22]. **Heterogeneity** [GLH24, DPA21, LGFT+20, LP22, vDC20]. **heterogeneous** [BR22, PEFW20, PMP+21, SG20]. **Heterosigma** [SIOM24]. **Hexi** [LZF+24]. **hierarchical** [BRSW24, KWC24, PDGB21, SWF21, SKW23, WSL+22, WBD+22b]. **High** [BRC+21, LBGD21, YHC+21, AMP+23, AE22, ACZ+21, BGA+23, CJM+23, nCLpW+23, CDB+20, RSB+23, RPB+23, YXH20, vdHNH+20]. **high-boreal** [RPB+23]. **High-precision** [YHC+21]. **high-quality** [nCLpW+23]. **High-resolution** [LBGD21, AMP+23, RSB+23]. **Higher** [CLHZ22, RFF+23, CKC20, GJC+20, LDS+23, MT23]. **Higher-order** [CLHZ22]. **Highly** [DMGP20, FSY22, WGMR23]. **highly-biodiverse** [WGMR23]. **hilly** [ZBW+24]. **Himalayan** [BS20]. **Himalayas** [BWSS21]. **Hirst** [AFdSM23]. **hirundinacea** [ARSC22]. **Historical** [ZPZ+22, AG22]. **histories** [RPG20]. **history** [BMB21, CTL22, CP20, JOE23, KD20, NK23, SLYL+20, vDC20]. **history-dependent** [CTL22]. **hitchhiker** [DWG22]. **hive** [LBT+22]. **Hoeksche** [PRdN+20]. **holes** [BMB24]. **holey** [TTPA21]. **Homarus** [BHC22]. **homeostasis** [AKY+22]. **Honey** [LBT+22]. **honeybee** [MMC+21]. **Hopf** [NDNN22]. **host** [BRAL23, CLPZ20, MSLMM22, MM21, NWJ+22, Oku21, PTBFP+20, RWS+21, SE21, VSB22, ZMG+21, dGMCM+23]. **hosts** [Oku21]. **hot** [LLZM20, MZLRSZ21]. **Hotan** [CWY+24]. **hotspot** [BRC+21, ZZWF21]. **hotspots** [CXZ+23]. **hourly** [BH20]. **household** [GM23]. **housing** [CLY+23, JASW23]. **HSPF** [LKP+20]. **Huangguashan** [JLLS23]. **Hugo** [Pas21]. **human** [CBW22, CXZ+23, DYMD22, FMSR20, GMS+23, GRCSA+20, HL23, KCS22, MDP21, MPMT23, PMB+22, RGRMRR20, ST24, WG21, WFD23, YDQ+23, YPS+21]. **human-altered** [GRCSA+20].

human-ecosystems [RGRMRR20]. **human-natural** [KCS22]. **human-transformed** [MPMT23]. **humans** [AARS23, ZHC23]. **Humboldt** [CFG+22]. **humidity** [WBD+22b]. **humpback** [SWF21]. **hunter** [LP22]. **hunting** [CPAT20, KLPJ24, RRFLV+22]. **hurdles** [GSMD24]. **Hutchinson** [MYH+20]. **hybrid** [BOLC+22, CKK+24c, LNK+21, PR22]. **hybridization** [SCB+20]. **hybrids** [CKK+24a]. **HyDiaD** [BOLC+22]. **hydra** [dAdSCA20]. **hydraulic** [KSJ22]. **hydrocarbons** [ZYZ22]. **Hydrodynamic** [YHC+21, Che21, HSF+20, HLS+23, PRM+24, ZZG+24]. **hydrodynamically** [SJH+23]. **hydrologic** [LHJ+24, TKO+22]. **hydrological** [GSA24, HLZ+22, LZD+24, NA22, ZRMW+20, dPGDdFS24]. **hydrology** [LMW+23b, NWO21, NO23]. **hydropower** [DYW+22]. **hyperallometric** [SGLK20]. **hyperbolic** [PSZ20]. **hypereutrophic** [DAQ20]. **hypotheses** [SGLK20]. **hypothesis** [Lef23]. **hypoxia** [FTH24]. **Hyrcanian** [LhNA+22, LhNA+21].

ibex [LGFT+20]. **IBM** [LBS20]. **ice** [DMdR24]. **ice-cover** [DMdR24]. **ideal** [Men22, dKS22]. **idealized** [KPLH24]. **ideas** [Ano20-49]. **identifiability** [SC21]. **Identification** [KT22, DTD+23, DBH+22, MP23, SGCFB22]. **identified** [BLB+20, KPLH24]. **identify** [MYACC22, OSH+21, SWW+23]. **Identifying** [BGCJ21, JASW23, KRM+22, MKEH20, XMWL23, BSU+23, KDC+21]. **Ignoring** [ŁKPK22]. **II** [BSPT23b, FZS+20]. **III** [ML20]. **Illustration** [RGB22]. **images** [CSZY+20, Lia23]. **imbalance** [BSCH23]. **immersed** [For20]. **Impact** [ELS23, JL23, JASW23, MSL+21, NO24, SLYL+20, AMK21, AFG24, BSS+24, BMB21, CdCAC+20, COJ23, CDN+23, CDJ+22, CL24, DAG+21, HHBF24, HMC20, HLS+23, JB22, KE24, LPSF24, LDXJ22, MGHT20, MTBB22, NA22, PDW23, QS23, RCCLMGV22, RBVL+20, SLB+23, TKO+22, VMH+21, Vas23, WAHA+24, YLLL23, ZA20, ZYZ22, ZCJ+20, ZZLF24]. **impacted** [CDT+23, ZRMW+20]. **Impacts** [CP22, CPAT20, KWG+22b, XLS20, ZMF+20, BPW+21, BGS+20, BNAR+21, BRBT22, CRZ+23, COPM23, CNSK21, Dav22, EBS23, ETAAH21, HKB+20, KBSS23, LCW+21, MCMP+24, MCB+23, MGC24, MBD+22, MPA+24, PK23, PTG+20, WHW+23, SBS+20, SBS+21, SG20, SBWB24, TGRM23, TCS21, XCZ+20, ZXK+24]. **imperfect** [BR22, SOV21]. **implementation** [BGA+23, HKG+24]. **implemented** [BGA22]. **Implications** [BHC22, CR24, CNSK21, HKSM23, LRA+20, SE21, FEPR24, FLG+23, FTH24, RBEC21, Pas21]. **implicit** [AE22]. **import** [NO24]. **Importance** [FS22, ALS+21, CKK+24c, EJ20, GMS+23, HHT21, JHKT+23, NPK+23, WRC21, vdHNH+20]. **important** [MFF+24]. **imprecise** [XCZ+20]. **improve** [CSCT23, GZD+23, MVAD20, dRMJdS23, PTG+20]. **Improved** [HKY24, HCX+21, KWP+23, KBAC20, Ste20, WMA21, BA20, CWW+23, LCW+21, NYH20, dOPdMdS+21, SPPC21, Yu20]. **improvements** [LKP+20]. **improves**

[BSCH23, CLW+24, JST+22, OW20, RFF+23]. **Improving** [AMP+23, ASKR24, BLSR+20, KMP+23, PGSL+20, SZPW23, SNM+23, WXX+23, YCI20, BGK+20, GXZ+24, TCG+20]. **IMTA** [HK23]. **in-season** [HGBK23]. **in-silico** [PNGESS21, FCFCM24]. **in-water** [WWP20]. **inbreeding** [RMA+24]. **incidence** [CMSD+22]. **including** [DS24, HLZ+22, YEL+21]. **inconsistency** [Sak23]. **incorporates** [dAPdBMT23]. **Incorporating** [APF21, HML+22, WBD+22a, CL21, PGdAM+20, VRRI+24, WBD+22b, XYZR21, ZYK22, ZHC23]. **Incorporation** [ALJ+22]. **Increase** [AKM22, CAFT22, KHH+22, KHH+24]. **Increased** [cNKF24, FS22, GLH24, GGMR20, HHBF24, TCB21]. **increases** [ALJ+22, KKF+23]. **Increasing** [dGZHCA24, FWK+20, SQDM21, WGMR23, WLZ+23b]. **incubation** [CC20]. **independent** [HI22, PPH+21]. **indeterminate** [CMG20]. **index** [HKSM23, HCL+24, JPL21, PSZ20, WAHA+24, ZSS20]. **India** [ESCA22, GMM20, JLV+21, MSG+21b, RSB+23, SD24, SPPC21]. **Indian** [LHH+24, BGC+24, HMVR21, KWP+23, RSC+24]. **indica** [AFdSM23]. **indicate** [ZZŠ+22]. **indicators** [WXX+23, ZMK+22]. **indices** [CSZY+20, GSJC22, XMWL23, ZMK+22]. **Indigo** [BGA22]. **Indigo-N** [BGA22]. **Indirect** [SWL+23, KMAA23, TBM+24]. **Individual** [APGD+21, EV22, MKS21, Mea20, PMP+21, RPG20, AVRC+20, AHO+20, APF21, BGS+20, CDB+20, CGVC21, CKK+24a, CKK+24c, DAB+20, DWH+21, EWE20, GRCSA+20, HBMR24, HKG+24, KCP+23, KD20, Koo24a, KWG+23, LGFT+20, LDC+20, LBI+20, LQH24, MSG21a, MSG23, dSMPA+22, MCMP+24, MJ24, MPL+20, OMC+24, RFJ+22, TBM+24, WHE+24a, WHE+24b, WBW+20, WYBX23, WBD+22a, XJW21, YLS+21, YDLT24, ZMS20, ZFP21, Mea20]. **individual-** [RFJ+22]. **Individual-based** [APGD+21, EV22, MKS21, Mea20, PMP+21, RPG20, AHO+20, BGS+20, CGVC21, DAB+20, DWH+21, EWE20, GRCSA+20, HBMR24, HKG+24, KCP+23, Koo24a, KWG+23, LGFT+20, LBI+20, LQH24, MSG21a, MSG23, MCMP+24, TBM+24, WHE+24a, WHE+24b, WBW+20, WBD+22a, YDLT24, ZMS20, Mea20]. **individual-level** [AVRC+20]. **individual-specific** [OMC+24]. **individuals** [MOS21]. **Indonesia** [JASW23]. **induced** [dSBDH23, CBSB23, DBK20, GRAA22, GZ23, LPS+21, NK23, SPPC21, YYS+22]. **industrial** [DS24, KHS+23]. **industrial-natural** [DS24]. **industry** [nCLpW+23, PAPŁ+23]. **inequality** [LMW+23a]. **inertial** [CGV22]. **infection** [CGB+23, CYP+20, Cor20]. **infections** [DEMJ24]. **infectious** [GMM+24, VSB22]. **infer** [GSM+20, JVGC21]. **inference** [ŁKPK22, TDI+20]. **inferences** [ATP20]. **inferring** [PDH+22]. **infestans** [FC21]. **infestation** [BDP+23, MM21]. **influence** [BHC22, BAM23, CKK+24c, FCFCM24, FDSM20, GAMN+23, IA23, JPMA+23, KN20, KCHZ21, LCM24, MLMI23, MSLMM22, NL20, QZSV21, RLS+24, SLB20b, SMD+20, SKH+20, WSM24, dAdSCA20]. **influenced** [KSJ22, XZZ+22]. **Influences** [CMFC23, SHT21, CBW22, CLW23, MFH+22, OHR+23, SC24a, SM22a, SZL+20]. **influencing** [LW23, XMWL23, ZSS21].

influential [BGCJ21, LBT+22]. **inform** [CSMP21, GML+20, WT20, WDW+22]. **Information** [LB21, SPV+20, ZL24, BAM23, HKB+20, HNC+21, LLW+21, MGK+23, MPMT23, RBMRR20, TTPA21, vWVH20]. **information-content** [MGK+23]. **informed** [HMGK20]. **Informing** [HCW+22]. **infrastructure** [SBF+21]. **inhabiting** [SBMF23]. **Inhibition** [MYH+20, FMRMAS24]. **Initial** [nCLpW+23]. **Initiative** [LMW+23a]. **inland** [XHS+24]. **inner** [KNP+21]. **innovations** [CAH22]. **Ino** [DLZ+21]. **inoculum** [MGHT20]. **inorganic** [NKT+20]. **input** [BS20, HLM+20, MDB+20, WHL+23, WAHA+24, XLM+23, ZZŠ+22]. **input-output** [HLM+20, XLM+23]. **inputs** [HRW+24]. **Insect** [DBN+22, DMG22, DKM+21, MJ24, PSM+21, PGdAM+20, REGI+24, RTH+21, RCSS20, SE22, SKH+20, SM22b, dGMCM+23]. **insects** [CH22]. **Insights** [AADHA+23, dSCdA21, HSP+22, HCPG20, MAGR+22, PYD+21b, PTNR+20, RMV+24, ZWZ+20, HBMR24, JZJ+20, PSM+21, SLB+20a, dFT+20, LJRM+20, PYD+21a]. **inspires** [PSW22]. **instream** [KTB+23, LKP+20]. **instruments** [BAM23]. **intake** [vdMvDSL20]. **integer** [SRÁMH+20]. **integral** [JPL21, PSBE23, PFK+22]. **integrate** [MTBB22, Mur24]. **Integrated** [BNAR+21, DKM+21, ETAAH21, BdCCdSAdS23, BMM22, DIS23, FMH+20, GLA+20, 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, Yao21]. **integratedly** [ZYK22]. **Integrating** [ATP20, Ano20-50, BKTM20, CLW+24, JPL21, MBFS21, PGP+22, SVK20, TPD+24, VRS20, WDW+22, WFD23, XJW21, CDB+20, LZW20, PTNR+20, SNP+23]. **Integration** [BLB24b, LUT+24, OW20, PRdN+20, BNN20, OCT+23, SKW23]. **integrity** [Gon23]. **Intelligent** [Lia23]. **intensity** [CP22, PAS23, TMNA20, ZLZ+24]. **intensive** [HLS+23, ZCJ+20]. **intentionally** [SM22b]. **inter** [CKK+24a, EVHS21, KD20, MPL+20, PSG21]. **inter-** [PSG21]. **inter-individual** [CKK+24a, KD20, MPL+20]. **inter-site** [EVHS21]. **interact** [KN20]. **interacting** [MAB23]. **interaction** [CWY+24, DYMD22, GGS+22, HFP22, JBF22, MVC+22, MM21, PVS+21, RUTY23, SGCFB22, SGRDA+24, TRMB20]. **interactions** [ABM20, AM21, BANG20, BNN20, CLPZ20, CZ21, CLHZ22, CDNN+20, FHP+22, GGMR20, HFP20, KNP+21, LRA+20, LP22, MDP21, OMP+23, PSG21, PGSL+20, RBEC21, SCG+23, SGP+20, SLLW21, SPV+20, SPV+21, WPL+23, WMA21, WTT+21, YL22, YEL+21]. **Interactive** [KAB+23b, KPLH24, TSBE23, CVTS20a, CVTS20b, ZFC+23]. **interacts** [BSR21]. **interception** [LWL24]. **intercropping** [DDH+22, KKP+21]. **interdependent** [RK20]. **Interdisciplinary** [NPS+23, LWZL23, RFHR24]. **interface** [MD23, TGL+22, WPL+23]. **internal** [VJK+23]. **International** [Mea20]. **interplay** [AM21]. **interpolation** [RRFLV+22]. **interpolators** [RAB21]. **interpretability** [AZAD+23]. **interpretation** [AHH22, BM22a, LK24a, RSWS23]. **interpretations** [LPL22b].

Interpreting [AKY+22]. **interregional** [ZLML20]. **intersection** [LHDBN20]. **intertidal** [GSM+20, PR22, vdHNH+20]. **interval** [ALK20, NMV+23, RUTY23, ZZZD22]. **interval-valued** [RUTY23]. **intervals** [JPL21, LK24b]. **intra** [CKC20, RLM23]. **intra-annual** [RLM23]. **intra-guild** [CKC20]. **intraguild** [SM22a]. **intraspecific** [PSG21]. **Intrinsic** [MSML21, YZF20]. **intrinsically** [GZ23]. **intrinsically-induced** [GZ23]. **introduced** [SM22b]. **Inuit** [DSHB23]. **invadable** [MOS21]. **invader** [YB22]. **invaders** [MJS24, SG20]. **invading** [BAZ22]. **invasion** [AV22, Fou21, JL23, LBL22, MJS24, NL20, NTHC23, WLWL23]. **invasive** [CH22, JL23, LGG+22, LDXJ22, SLB20b, SWL+23, SC23, SBR20, TBP+23, dGMCM+23]. **invasiveness** [PBH22]. **inventory** [BSS+24, IBB+21, IBB+22, PPH+21]. **inversion** [TDI+20]. **investigate** [DHW+20, DPC20, MSG21a, MSG23, RWF22, Wu24]. **Investigating** [AAM+22, CZ21, HZ22, MGHT20, PDH+22, RSC+23]. **Investigation** [GCSlR22, RKN+21, WRC21]. **investigations** [CM21]. **Ionian** [RSC+21, RSC+23, LPD+20]. **ionising** [VSK+20]. **ionizing** [YXH20]. **IOP** [Pas21]. **IPH** [dPGDdFS24]. **Iran** [DYMD22, AAM+22, CMHZ23, ETAAH21, EGAS23, ENARM+23, KT22, NAM22, PK23, RSASP22, ZMK+22]. **irradiance** [SDP21]. **Irregular** [CMKF22, BMB24, JM22]. **irrigated** [GLK+22, JMPB24]. **irrigation** [GZD+23, HKH+23, LE23]. **irrigation-related** [LE23]. **irruptive** [STRC24]. **ISBN** [Mea20, Pas21]. **ISBN-13** [Pas21]. **Island** [LUV+23, XHZH24, SBS+20, WF24, CLW23, GCSlR22]. **Islands** [LPD+20, SOV21]. **issues** [PBH22]. **Italian** [GCMU23, NSS+23]. **Italy** [GMS+23, GSC+23, MEGA21, SBF+21, BBCD23, BARF20, CMHZ23, DSC+21, LPA+21]. **iterative** [FFM+23]. **iteroparous** [KK20]. **Ixodes** [WBD+22b].

January [Ano20e, Ano20q, Ano21e, Ano21q, Ano22q, Ano23q, Ano24l]. **Japan** [BWS+20, II24, KiAM+20, NO23, TDI+20]. **Japanese** [HKSM23]. **japonica** [HKSM23]. **jellyfish** [EWE20, XFK21]. **Jiangsu** [KHS+23]. **joint** [MJS24]. **Jørgensen** [Fat21]. **JRR** [Fat21]. **July** [Ano20f, Ano20r, Ano21f, Ano21r, Ano22r, Ano23r, Ano24m]. **June** [Ano20g, Ano20s, Ano21g, Ano21s, Ano22s, Ano23s, Ano24n]. **Jurassic** [PR21]. **Just** [PMZ+21]. **juvenile** [BdBG+21a, BdBG+21b, Koo24a, LLB+23, MBB20, MLP+20, SPB+24, SJH+23, WRC21]. **juvenile-driven** [Koo24a]. **JZB** [XCZ+20].

Kalman [CWW+23]. **Kamchatka** [PA20]. **Kansas** [AAR23]. **Karenia** [GSJ+22]. **Karst** [ZHJQ23]. **Kashgar** [WFW+24]. **Keeping** [KAT+22]. **Kelp** [VLGG+20, SMS+24]. **Kemp** [SPB+24]. **Kenya** [GVG+23]. **Kerguelen** [APGD+21]. **kernel** [PSW22]. **Key** [YG21, CAK+24, CNSK21, GAC+21, GRCSA+20, KDC+21, XMWL23]. **keystone** [HNC+21]. **Kheyrud** [ETAAH21]. **Khuzestan** [ENARM+23].

Kinetics [GSJ+22, AZAD+23]. **Kingdom** [Pas21, KLA+20]. **kiwifruit** [CMHZ23]. **knowledge** [CMGD+22, DSHB23, JZS+21, MS20, PRdN+20, VRS20]. **known** [BGS+20]. **Korean** [WLT+23]. **krige** [BMB24]. **krill** [BMB21]. **Kuznets** [LMNV20].

L [LhNA+22]. **L.** [EVT+21, GRAA22, LhNA+21, PAPŁ+23, SWHZ22, SKW23, WSHZ24]. **laboratories** [Tur20]. **laboratory** [AZMD+22, LEC+23, SGH+23, VN23]. **labrax** [WBW+20]. **lack** [ZOJ+23]. **lactuca** [LFN+20]. **Laemophloeidae** [AJJ24]. **lagoon** [AACCIS20, CMGD+22, PGB+20]. **Lagos** [EON23]. **Lagrangian** [LWE+22, LEC+23, TMNA20, WSW23]. **LAI** [CSZY+20]. **Lake** [PRM+24, AJ22, BGCJ21, CDJ+22, FWK+20, GPN+23, HSJ+20, KUK+21, TSUY23, Tsy22, WLLW20, WLQ+23, WPL+23, ZZŠ+22, ZWZ+20, DMdR24, DVVH21, 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]. **Lancang** [WLZ+23a]. **lance** [SWF21]. **Land** [GXZ+24, LZW20, MTP+20, TLH+20, ABC+22, CP22, COS23, CPTD22, CLG20, DSC+21, DWG22, Fou21, GZK+20, HAZEF23, JLH+21, JLLS23, JHL23, KMH+21, KMP+23, LBGD21, LZSQ20, Lia23, LSS+21, LLW+21, MTZA23, NMV+23, NAM22, PHL20, RSASP22, SBM+22, SWP+23, TGRM23, TGL+22, USA21, WWC+22, WMA21, WFW+24, YPS+21, YKZ+23, ZLLZ24, ZHWZ23]. **land-atmosphere** [GXZ+24]. **land-based** [CLG20]. **land-cover** [WWC+22]. **Land-Use** [TLH+20, LZW20, CP22, COS23, JHL23, RSASP22, WWC+22]. **land-use-based** [DWG22]. **land-use/cover** [COS23]. **land-use/land-cover** [WWC+22]. **lands** [ESCA22, TSBE23]. **Landscape** [DLT+22, HBP+21, MTP+20, dMT23, AJG22a, AJG22b, AGP20, BSR21, CWY+24, FFM+23, FHP+22, GLH24, GSMD24, HMDO20, JSL+20, KS22, Kos22, LDR+20, LRA+20, LP22, LZL23, MPMT23, MS23, MTZA23, OW20, PTRP23, SZPW23, SMS+24, XMWL23, ZBW+24, cNKF24]. **Landscape-scale** [HBP+21]. **landscapes** [BWCD23, DYMD22, KLNMG22, LPD+20, MSLM+24, MGdM+20, MMMS23, SJA+22, VBH20, WGMR23]. **LandSDS** [LZW20]. **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** [XLS20]. **Larus** [ILLM20]. **larvae** [GMM+24, JPMA+23]. **Larval** [PCL24, CMFC23, PYD+21a, PYD+21b]. **last** [BPL+20]. **late** [HEL+21, PR21]. **Latent** [Por21]. **laterally** [Che21]. **latissima** [VLGG+20]. **latitude** [ALJ+22]. **latitude-adjusted** [ALJ+22]. **latitudinal** [NSS+23]. **Laurentian** [KWM+24]. **law** [KLS20, XJW21]. **layer** [FSZ+20, FZS+20, TMNA20]. **layout** [LBT+22, ZZQ23]. **lconnect** [MS23]. **leaching** [BGA22]. **lead** [JJN22]. **leads** [CMA23, HKY24]. **leaf**

[CLW+24, HKSM23, KHH+22, KHH+24, Mas23, MLJ+23, NYH20, PTF23, PCN+23, PKO+21, PNGESS21, SLHB+23]. **leaf-appearance** [PTF23]. **Learning** [Ano20-51, ASKR24, ASHK22, BSCH23, CAK+23, CAK+24, EOÖ21, GZD+23, HSJ+20, KKW+21, Lia23, MBFS21, PBS21, RSWS23, RFPRC23, SPV+21, TK20b, WLY+23, WCSX22, WKL+21, WrJP+22]. **Learning-by-doing** [ASKR24]. **least** [PCK+22]. **leatherback** [CMG20]. **Lei** [ZCJ+20]. **leishmaniasis** [ZMG+21]. **lemuru** [PYD+21b, PYD+21a]. **length** [BPK+20, LCMB21]. **lens** [DK22]. **leopards** [PWN+24]. **Leslie** [SQDM21]. **Lesotho** [RMO22]. **Less** [XGT+24, TSdOCV21]. **lesser** [BGS+20, vdMvDSL20]. **lesser-known** [BGS+20]. **lesson** [Fou21]. **Lessons** [For24, LBGD21]. **Level** [Por21, AVRC+20, DvDA24, EOÖ21, LYL+24, PPH+21, PR22, STW+23, TLC+22, VSS+22]. **levels** [CCH20, DBK20, Jor22, LYC+21, PCK+22, SKW23, SBMG24]. **leveraged** [YA24]. **Lianas** [dFT+20]. **library** [LQH24]. **lice** [EVHS21, GMM+24, MM21]. **Liebl.** [EVT+21]. **Liebl./Quercus** [EVT+21]. **Life** [JOE23, AZAD+23, BMB21, CMGD+22, CTL22, CP20, EL22, HKG+24, KD20, KBSS23, LUT+24, MMS+24, MFF+24, NGA+20, NK23, RPG20, SLYL+20, SINS22, vDC20]. **life-histories** [RPG20]. **Life-history** [JOE23, KD20, NK23, SLYL+20]. **lifespan** [KN20]. **Light** [SBMF23, BWCD23, HMC20, PNGESS21, SMS+24, TMNA20, Yu20]. **light-climate** [HMC20]. **likelihood** [NT23]. **likely** [WWA+22]. **limitation** [LLB+23, SGH+23]. **Limited** [NK23, HKB+20, HLW+20, HLZ+22, ZWL+21]. **limiting** [CKK+24b]. **limnology** [DBK20]. **limpet** [GSM+20]. **linear** [SDD+20]. **lines** [CDC+22]. **link** [BPF24, MGWG22]. **linkages** [MFPIBGES23]. **linked** [PRM+24]. **Linking** [HKH+23, JTH24, JLH+21, KWG+22a, AB21, Jor22, REGI+24]. **links** [AS22, MPMT23]. **Liolaemus** [NMGFOB21]. **lipped** [RRCZ20]. **list** [SCACB23]. **literature** [MMRBLN20]. **Litopenaeus** [dMFOM+20]. **litter** [LDXJ22, MLJ+23, SLHB+23]. **Liulin** [ZZLF24]. **lived** [LGK+23]. **livelihoods** [CNSK21]. **lives** [SCH+21]. **livestock** [GJC+20, JST+22, MTS+20, MD23]. **Living** [BLP20, TLH+20, ZZQ23]. **LMfireCF** [ERP21]. **loading** [CR24]. **loadings** [WCG+24]. **loads** [NA22]. **Lobesia** [AZMD+22, AZAD+23, CdCAC+20, PSM22]. **lobster** [BHC22, HBMR24]. **local** [CMGD+22, LSL21, MSL+21, MAGR+22, MKEH20, MM21, OZSU22, PDW23, PRdN+20, PDGB21, RLS+24]. **localized** [VRW+21]. **location** [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** [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]. **Lotka** [NMGFOB21, SIOM24]. **Low** [HP20, MTL+23, RM20, Lef23, LCM24, MDB+20, WAHA+24, YXH20, ZBW+24, ZL24]. **low-dose** [YXH20, ZL24]. **low-input** [MDB+20, WAHA+24]. **lower** [GZ23, MJdORPG23, LUT+24, XZZ+22]. **lowland** [HCPG20]. **Loxodonta** [DDG+21]. **LPJ** [ERP21]. **LPJ-GUESS-LMfireCF** [ERP21]. **LSTM** [ZHWZ23]. **Ltd** [Pas21]. **LUCIA** [WMA21]. **lupus** [HKG+24]. **Lycium** [SWHZ22, WSHZ24]. **lysis** [KPLH24].

Macau [XWZ+22]. **Machine** [Ano20-51, CAK+23, ASHK22, BSCH23, CAK+24, GZD+23, HSJ+20, KKW+21, MBFS21, RSWS23, RFPRC23, WKL+21]. **Machine-learning** [CAK+23, BSCH23]. **Macro** [RTH+21, NO23]. **macro-** [NO23]. **Macro-symbiosis** [RTH+21]. **macroalga** [LFN+20]. **macroalgae** [VN23]. **macroecology** [GRS+20]. **macroscopic** [ZZWF21]. **magnitude** [CGB+23]. **main** [BNAR+21, HLW+20, RJY+20]. **Maine** [BHC22]. **mainland** [ZXK+24]. **maintained** [SLHB+23]. **maintaining** [MSG21a]. **maintenance** [AG22, MJ24]. **maize** [AMK21, dSBDH23, GLK+22, GZD+23, VSS+22, WXH+22, KFM+23]. **Making** [CSMP21, For20, BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Malaba** [COS23]. **Malakisi** [COS23]. **malaria** [KE24]. **Malayer** [KT22]. **males** [HLB+20]. **mallards** [WWF+23]. **mammal** [Dav22, JSD+22]. **mammals** [TSdOCV21]. **Managed** [Dav22, ACFM22, BLL+23, DS24, MPCG21, SLB+23]. **Management** [Ano20-51, Mea20, ABH+20, AZBdAI23, BH21, BAM23, BM21, CSMP21, CAB+21, DBN+22, GSC+23, HKH+23, HAZEF23, JLH+21, LWZL23, LCMB21, MLV24, MVC+22, MJdORPG23, NGE+21, OEC24, PGP+22, PPH+21, dOPdMdS+21, PSM+21, Pre22, RS23, SRÁMH+20, SAL+22, SFGB23, STW+23, TSBE23, 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, WHdBB21]. **Mapping** [EON23, GCS+21, DK22, PDGB21]. **maps** [LCP+20]. **March** [Ano20h, Ano20t, Ano21h, Ano21t, Ano22t, Ano23t, Ano24o]. **margaritifera** [SLYL+20]. **margin** [LWL24]. **Marginal** [Men22, ESCA22]. **marginalis** [GMM20]. **marginalized** [KCS22]. **marina** [SIOM24]. **Marine** [BDA+20, BWS+20, BARF20, CMGD+22, CBG+22, CL24, CNNS+21, DS23, Dav22, FSY22, GRGHM21, GDC24, HZ22, HES+20, HES+23, JPMA+23, JSD+22, KKPR20, LLB+23, MS20, MBFS21, MSML21, MMRBLN20, MZLRSZ21, MFF+24, MBD+22, RUTY23, RAB21, SBS+21, SMV+20, WA20, YD20].

Marion [GCSlR22]. **maritima** [HBP+21]. **maritime** [YD20]. **marketability** [CLY+23]. **Markov** [LM23, SOV21]. **marsh** [LBGD21, QZSV21, ZZG+24]. **marten** [SWL+23]. **Maryland** [BRBT22]. **mass** [GRGHM21, LGA20, RWF22]. **MASTIFF** [MBG+22]. **masting** [VK24]. **Mate** [WZWF20]. **material** [LZF21]. **maternal** [CLW23, CC20]. **math** [KAT+22]. **Mathematical** [GGS+22, LJP+22, WGAH22, BDP+23, BCMV20, EBS23, GAC+21, GRAA22, Ino22, RCCLMGV22, RWF22, SE20a, SE20b, SvV21, ST24, WPL+23, YXY+20]. **mathematics** [ZWL+21]. **matrices** [TK20a, TTPA21]. **Matrix** [TK20a, CCJK+20, CP20, LKO20, LSG21, PTG+20, SCB+20, SdlP20, XYZR21, dVDC20]. **Matt** [EVT+21]. **matter** [AB21, FMSR20, WTT+21]. **matters** [BS20, Fou21, RWS+21, VVH+20]. **Mauve** [EWE20]. **MaxEnt** [HPMB20, SRTS20, SM22b, ATP20, SC24a]. **maximize** [DGVVP23]. **Maximum** [dSCdA21, AKM22, GCS+21, HMDO20, dRMJdS23, dAPdBMT23, RLM23, WT20, XJW21]. **May** [Ano20i, Ano20u, Ano21i, Ano21u, MBD+22, Ano22u, Ano23u, Ano24p]. **mayfly** [KFJS20]. **MCDA** [USA21]. **MCDM** [LJ21]. **MCR** [HYY+24]. **meadow** [ALS+21, PR22]. **mean** [Dav22]. **measure** [RP22]. **measured** [AAR23, GCSlR22]. **measurements** [ASHK22]. **measures** [JTH24]. **Measuring** [DPA21, GPN+23]. **mechanical** [MLMI23]. **mechanical-ecohydrological** [MLMI23]. **mechanics** [YEL+21]. **mechanism** [BGA+23, CR24, DDH+22, SIOM24, SZL+21, YXH20]. **mechanisms** [SINS22, ZXK+24]. **Mechanistic** [SMS+24, BPW+21, BGA22, CSBS21, EJ20, HMGK20, HZ22, HFSL+24, KN20, KBAC20, LLC+24, MK21, MJ24, MLJ+23, MBG+22, MOS21, RBEH21, dAWG23]. **mechanized** [NGA+24]. **media** [PDW23, PAS23]. **media-based** [PAS23]. **mediate** [SM22a]. **mediated** [VVH+20]. **Mediterranean** [RSC+21, RSC+23, AACCIS20, BRC+21, BCMV20, DAQ20, LPD+20, MTL+23, PGSL+20, SBF+21, SMD+20]. **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]. **Mercury** [CB20]. **Merging** [RBEH21]. **Meriones** [ZMG+21]. **mesic** [ZFT20]. **Mesocarnivores** [SOV21]. **mesopelagic** [CGRR+24]. **mesotidal** [CMGD+22]. **Messina** [SGP+20]. **meta** [NMV+23, OKS+21, RLS+24]. **meta-ecosystem** [RLS+24]. **meta-ecosystems** [OKS+21]. **meta-goal** [NMV+23]. **metabolic** [CMA23, GSM+20, KN20, LK24a, MTS+20, SGLK20, VVH+20, XJW21]. **metabolism** [BMB21, BCW+23, CLG20, DvDA24, EL22, LZF21, MKS21, WZZF23]. **metacommunities** [AE22, LQH24]. **Metacommunity** [BACS22, LBL22]. **MetaIBM** [LQH24]. **metal** [LLW+21]. **metallophyte** [BMS+20]. **metamodelling** [CGVC21]. **metamorphosis** [PDG+20]. **metaphor** [SGPSzC22]. **metapopulation**

[FdKO21, FAC22, NTHC23, RGB+23, SdlP20, BGC+23]. **metapopulations** [BSR21, TA20]. **meteorology** [JPL21]. **methane** [SMM+22]. **method** [AAM+22, DL21, For20, FG21, KFM+23, KK20, ML20, MSS24, PMZ+21, SSM24, SZ20, SDH21]. **Methodological** [SLB+20a, DBDR22, dMT23]. **methodology** [OMC+24]. **Methods** [LAC+24, Mea20, AIA+23, GZD+23, JL23, LGK+23, MDT+23, WT20]. **metric** [GAM20, OW20]. **metrics** [GSJC22, GWH20, SBFBDM24, SDSP+21]. **metrix** [CC23]. **Metropolitan** [MTP+20, AXMJ22, BBCD23, NSS+23, WWC+22, SBF+21]. **Mexico** [CGRR+24, MZLRSZ21, RWF22, WSFZ21]. **MFA** [GM23]. **MGB** [dPGDdFS24]. **MGB-IPH** [dPGDdFS24]. **Michigan** [PRM+24, SLB20b]. **micro** [KKP+21, NO23, PCK+22]. **micro-organisms** [KKP+21]. **micro-plastics** [NO23]. **micro-scale** [PCK+22]. **Microbial** [MSL+21, AKY+22, KAB+23b, KKPR20, MKN23, YXH20]. **microbiome** [LLZM20]. **microbiota** [LSL21]. **microclimate** [MK21]. **microclimates** [SVK20]. **Microclimc** [MK21]. **Microcystis** [DAQ20]. **microphytobenthos** [vdHNH+20]. **microphytobenthos-meiofauna** [vdHNH+20]. **microplastics** [BRBT22]. **Micropterus** [LBI+20]. **microsimulation** [MKR20]. **mid** [KKW+21, WWF+23]. **mid-continent** [WWF+23]. **middle** [XMWL23, XZZ+22]. **Middle-lower** [XZZ+22]. **migrating** [HBMR24, KTB+23]. **Migration** [WWA+22, AKM22, ASL+20, BdBG+21a, BdBG+21b, CSB22, DZBB24, DLY+22, Fer23, KiAM+20, MBB20, NPS+23, PTD+23, PMB+22, SdlP20, SJH+23, WGK+21, ZLL+23]. **migratory** [ARSC22, DAB+20, SGA22, SGV+24, XCH+21]. **mikimotoi** [GSJ+22]. **milk** [OZSU22]. **Mill.** [SKW23]. **Minas** [MRR+20, dPGDdFS24]. **MinBAR** [RPT21]. **Mini** [OKS+21]. **Mini-review** [OKS+21]. **minimal** [RPT21]. **minimalistic** [DDDC21]. **Minimizing** [MTS+20]. **mining** [LLW+21]. **mirabilis** [HBP+21]. **mismatch** [AAR23, PCL24]. **missing** [JM22, ŁKPK22, MGWG22, RBVL+20, SPV+20]. **Mississippi** [WWF+23]. **Missouri** [BGK+20]. **mite** [MMC+21]. **mites** [TCG+20]. **Mitigating** [LG20]. **Mitigation** [CDN+23, CLG20, MLV24, NMC+20]. **mixed** [DMGP20, HMC20, LhNA+21, LhNA+22, MTZA23, SRÁMH+20, SMD+20, TMNA20, WLT+23, YSIB24]. **mixing** [EVT+21, KUK+21]. **mixoplankton** [SGTS21, SGTS23]. **mixotroph** [CR24]. **mixotrophic** [LBPL20]. **mixotrophs** [CMA23]. **mixotrophy** [CR24]. **mixtures** [Pre22]. **mobile** [FdKO21, FSY22]. **mode** [KS22]. **Model** [BWT+24, DLT+22, KUK+21, KAT+22, LWL24, PKB+23, RSB+23, RCSS20, TLH+20, Tur20, YHC+21, AJG22a, ABKA24, Abe20, AB21, AZMD+22, AZAD+23, AXMJ22, AE22, AS22, AM22, APGD+21, ABC+22, ACZ+21, AACCIS20, BSR+23, BSPT23a, BSPT23b, BOLC+22, BDP+23, BLA+24, BAAN24, BMB24, BKTM20, BPN+20, BGS+20, BANG20, BGR20, BGA+23, BGCJ21, BA20, BGC+23, BMBB24, BGA22, BST+20, BWS+20, BNN20, BAM23, BRBT22, BLSR+20, BAZ22, BCMV20, BSM23, BRAL23, BARF20, BDA+20, BGC+24, BTC+22, CMGD+22, CGRR+24, CM21, CBG+22,

CdCAC+20, CDJ+22, CHR+23, COS23, Che21, CJM+23, CWW+23, CXZ+23, CVTS20a, CVTS20b, COPM23, CAK+24, CL24, CNNS+21, CGVC21, CMS+21, CYP+20, Cor20, CSB22, CAB+21, CDC+22, CFG+22, DS23, DHW+20, DBK20, DAG+21, DDH+22, DGSM21, DGVVP23, DDG+21, DP20, DBN+22, DDDC21, DLZ+21]. **model** [DVVH21, DWH+21, EL21, EWE20, EBMK20, EHS+20, EL22, EBS23, ERP21, ESZ+23, FMH+20, FC21, FFM+23, FEPR24, FMRMAS24, FGM+24, FAC22, FSZ+20, FZS+20, GSR+23, GAMN+23, GMM20, GSC+23, GGMR20, GRAA22, GRCSA+20, GSRB22, GXZ+24, GWD+23, HMGK20, HMVR21, HLZ+22, HBMR24, HRW+24, HBC+22, HCL+24, HYY+24, HML+22, HL23, HES+20, HES+23, HH23, HEL+21, HGBK23, HCP+20, HFSL+24, HLM+20, HCX+21, HLS+23, HFP20, HFP22, JvVvHH24, JTH24, JLH+21, JMHH22, JGG23, JLV+21, JPL21, Jia21, JZHT23, JHKT+23, JSL+20, JSD+22, KiAM+20, KAMS22, KMH+21, KAB23a, KN20, KCP+23, KABL21, KWG+22a, KE24, KKF+23, KLH+24, KMP+23, KS22, KD20, KKH+24, Koo20b, KWG+23, KTB+21, KWP+23, KPLH24, KKPR20, LTR+24, LGFT+20, LE23, LDR+20, LFN+20, LUV+23, LLC+24, LPSF24, LKP+20, LBGD21, LBI+20, LYC+21, LJP+22, LWE+22, Lia23, LDX+23, LZW20, LCW+21, LPS+21, LWZL23]. **model** [LNK+21, LYL+24, LGA20, LCMB21, MK21, MKR20, MT23, MS20, Mat23, MHP+23, MJ24, MSML21, MLJ+23, MSLMM22, MBG+22, MTBB22, MVAD20, MOS21, MLV24, MZLRSZ21, MFF+24, MJS24, MMMS23, MPCG21, MPL+20, MPA+24, NWO21, NO23, NHGP23, NGA+20, NDNN22, NT23, NYH20, NTHC23, NMGFOB21, OFH+20, OHR+23, PBF+23, PG23, PDH+22, PFM+21, PVS+21, PSM22, PSG21, PSBE23, PDD+22, PPH+21, PTG+20, PGB+20, PMB+22, PAdS+24, PMP+21, PGdAM+20, PR22, dAPdBMT23, PM22, QZSV21, RSWS23, RCCLMGV22, RWF22, RFCEL22, RFJ+22, RBMRR20, RJY+20, RUTY23, RBEH21, RMA+24, RRSG21, RGB+23, RGB22, RBVL+20, SBS+21, SLHB+23, STQ+22, SJA+22, SSM24, SFGB23, SvV21, SBM+22, SMM+22, SWHZ22, SIOM24, SLM24, mSzZK+21, SACEU+21, SHF24, SWW+23, SWP+23, SDH21, SJH+23, SNP+23, STRC24, SBWB24, SRB+20, SDP21, SBR20]. **model** [SM22b, TBCV22, TBP+23, TWL+22, TLL+23, TSUY23, TBM+24, TDI+20, TKO+22, TSBE23, TK20b, VRRI+24, VMH+21, VVH+20, VJK+23, VRS20, VSS+22, WBW+20, WRC21, WYJ+22, WHL+23, WLQ+23, WPL+23, WSW23, WSZ+24, WSHZ24, WYBX23, WMA21, WBD+22a, WWF+23, WCSX22, WWA+22, WKL+21, XYZR21, XLS20, XCZ+20, XLM+23, YDQ+23, YRK+20, YXY+20, YLS+21, Yu20, YCI20, ZMG+21, ZYZ22, ZZZD22, ZPZ+22, ZZQ23, ZLLZ24, ZL24, ZHWZ23, ZHC23, ZZG+24, ZGMFESD23, ZS20, dGZHCA24, dPGDdFS24, dVDC20, dFT+20, BSPT23a, BSPT23b, DBDR22, GXZ+24, dKS22, AJG22b]. **Model-based** [KUK+21, JvVvHH24, WRC21]. **modeled** [AAR23]. **Modeling** [AJG22a, ASHK22, AV22, ABM20, ABRG21, AVP+23, BMAME+23, BLLL21, BP21, BWCD23, CRZ+23, DTR+22, DCT+21, DAG+21, GSR+23, GM23, HHI+22, Hop23, JLV+21, JMPB24, KRMP23, KCS22, LSA+21,

LSL21, LCLG20, LSS+21, LGL+24, LCM24, LDXJ22, MMS+24, MPSS24, MEGA21, MCB+23, NKT+20, NAM22, PK23, PBH22, PRM+24, PZH+21, QS23, RBLS23, RRP+23, RKN+21, RGD20, SKPL24, SGTS21, SPB+24, SBF+21, SCH+21, SINS22, SWP+23, SDP21, TCB21, Tsy22, VRW+21, Vas23, VLGG+20, WXH+22, WLY+23, WSW23, YFW+21, YEL+21, ZRMW+20, AGS+21, AGS+22, AHO+20, BZZT22, BdCCdSAdS23, BPL+20, BAR24, CAK+23, CAH22, CKC+24, DAQ20, EOÖ21, EVHS21, ELS23, EV22, ERP21, dMFOM+20, For24, GCB+22, GSA24, GXZ+24, HBP+21, HZ22, HPMB20, HMDO20, HBRK24, HSD+21, HCPG20, JZS+21, JMC+22, JM22, KKP+21, KGBL24, KFJS20, KLPJ24, KBAC20, LJRM+20]. **modeling** [LBB20, LJP+22, LGA20, LUT+24, MGC24, MVC+22, NBML21, NA22, PGP+22, dOPdMdS+21, Pre22, PCK+22, RMV+24, RK20, RFHR24, RFF+23, RBEC21, RBEH21, SAL+22, SLYL+20, SLC+23, SHT21, SOV21, SC21, SKH+20, TSdOCV21, WDW+22, YDLT24, ZOJ+23, ZL24, ZWZ+20, vdHNH+20, vdMvDSL20, AJG22b, SGTS23]. **Modell** [BS20]. **modelled** [CLW+24, GHK23, JOE23, KHH+22, KHH+24, MPPM23]. **Modelling** [ABH+20, AAAR24, AGP20, ABR24, BJKT21, BH21, BLL+23, BAR20, BGA22, CH22, CBW22, COJ23, CDN+23, COS23, CVTS20a, CMG20, CIL+20, CSB22, DYMD22, DMM+23, EWE20, FMSR20, GMM+24, GRGHM21, HLB+20, HES+23, KWC24, KTB+23, KHH+24, LE23, LK20, LRA+20, LBPL20, MLMI23, MAN+20, MSLM+24, MMMS23, NSS+23, NHGP23, NS20, NPK+23, NTHC23, Pas21, PEFW20, PKO+21, RPB+23, RSC+21, SBS+20, SE20a, SGP+20, SLB+20a, SGTS23, SLB20b, SPPC21, SML+20, TGRM23, VMM+21, VSK+20, WHE+24a, WWP20, WXT+20, YLLL23, ZSS20, dAWG23, vWVH20, AADHA+23, AMK21, Ano20-50, BdSG+23, BPW+21, BRC+21, BdBG+21a, BdBG+21b, BS20, CFL+22, CDNN+20, CSMP21, CN20, DTR+22, DIS23, DK22, DZBB24, DKM+21, DWG22, DSHB23, FSY22, FLG+23, GDF22, GGS+22, GCS+21, HKB+20, HSP+22, HHT21, HK23, KFM+23]. **modelling** [KWM+24, KWG+22b, Kos22, LG20, LQH24, LSG21, MSG21a, MSG23, MSL+21, dSMPA+22, MAD+20, MDP21, MDB+20, MTW+22, MCMP+24, MFPIBGES23, MTT22, MSS24, MM21, NMC+20, OBFH22, PTRP23, PBS21, PMP+21, PGSL+20, RS23, RPG20, RFPRC23, dSRDC+23, RLdM20, RAC+24, SCB+20, SRTS20, SVK20, SACEU+21, SCACB23, SWF21, SGA22, SC23, TMNA20, WG21, WT20, YKZ+23, ZMS20, ZJEG24, ZLL+23, vOVvdW23]. **Models** [ECC+22, AHH22, AJ22, AMP+23, ABB23, AS22, ATP20, AFdSM23, AWW24, ALJ+22, ASKR24, ACFM22, BPF24, BM22b, BM22a, BLB24b, BSCH23, BMM22, BWSS21, BRSW24, BLSR+20, BG22, BVR+20, CSZY+20, CSBS21, CCJK+20, CWH+21, CDB+20, CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24c, DMG22, DAB+20, DRZ+24, EJ20, FDSM20, Fou21, FHP+22, GVG+23, GSH+22, GWH20, GML+20, GSM+20, GLK+22, GSMD24, HKH+23, HFSL+24, Ino22, IBB+21, IBB+22, Jag20, JJN22, JZJ+20, KWC24, Kle23, Koo24a, LL22, Laz23, LEC+23, LK24b, LPHO+20, LKO20, LAC+24, MLD+23, MKS21, MGK+23, MYACC22, Mas23, MBFS21,

MMRBLN20, MVAD20, MBS22, MBD+22, NGE+21, OTR+21, OHH+21, OMC+24, OCT+23, OHP+23, OW20, OKS+21, PGP+22, PRM+24, Pie23, PAB+22, PFK+22, PTNR+20, RSWS23, RSC+24, RRCZ20, REGI+24, RPT21, RRFLV+22, SdlP20, SVK20]. **models** [SOV21, SKW23, SE22, STW+23, SBFBDM24, SSB22, SGRDA+24, SDP23, SBMG24, Ste20, TMFV22, TQM+24, TCG+20, TGL+22, Tur20, VRS20, WHE+24a, WHE+24b, WSM24, WSL+22, WTT+21, WBD+22b, WFD23, ZZŠ+22, ZFP21, dAdSCA20]. **modern** [Ano20-49, SACE+20]. **modes** [BDC+22]. **Modified** [TLC+22, VK24, BPB+20, CMG20, LWZL23, NS20, YXY+20]. **modulate** [TRMB20, VBH20]. **module** [TGB+23]. **modules** [SWW+23, ZMF+20]. **moist** [KWP+23]. **moisture** [AJJ24, HKH+23]. **moment** [BLP20]. **Mongolia** [NWO21]. **Mongolian** [ZYM+21]. **monitoring** [JZJ+20, LL22, LM23, LGK+23, PSZ20, REGI+24, WDW+22, WrJP+22, Yao21]. **Monod** [WGAH22]. **monodon** [BAAN24]. **monoxide** [KKPR20]. **monsoon** [NDNN22]. **montane** [ZLL+23]. **montdorensis** [TCG+20]. **Monte** [PM22, SDH21]. **Monte-Carlo** [PM22, SDH21]. **monthly** [WHL+23]. **moose** [EBS23, KAMS22]. **morhua** [JOE23]. **Moroccan** [RKN+21]. **Morocco** [JB22, ECC+22]. **morphotypes** [GSM+20]. **Morris** [PMZ+21, dGZHCA24]. **Mortality** [PSM22, BAAN24, CAK+23, CAK+24, CDC+22, GRGHM21, HHBF24, LPS+21, MCMP+24, MKR20, NTHC23, PCL24, SKPL24, LPS+21]. **mosquito** [FGM+24, VMM+21, WRC21, WKL+21]. **mosquitoes** [BM22b, HLB+20, KWG+22a, NS20]. **most** [KDC+21]. **moth** [LGG+22, PVS+21, SBR20]. **Moths** [RBGB23]. **Motility** [SBMF23]. **motion** [RGB22, WLY+23]. **motivated** [PF23]. **mountain** [ACFM22, BGA+23, IBB+21, IBB+22, SFGB23, SKW23, SC23]. **mountainous** [ZLLZ24]. **Mountains** [WYBX23, ZZLF24, CWH+21]. **Movement** [MKS21, Pér24, ABB23, ABR24, Ano20-50, AJJ24, BLB24b, BTC+22, CDNN+20, CNNS+21, DDG+21, JSD+22, PBS21, TLL+23, TPD+24, WWF+23, dKS22]. **Movement-based** [Pér24]. **movements** [BLP20, GMM+24, Sak23, STQ+22]. **Moving** [LBN+22]. **MRIO** [XLM+23]. **MSY** [RLM23]. **Multi** [BCW+23, MTBB22, NMS24, TRMB20, Ano20-50, AHO+20, BOLC+22, BGCJ21, BM21, CWH+21, EL21, GLA+20, Gat21, HHBF24, HLM+20, HK23, IBB+21, IBB+22, JVGC21, KFM+23, MP23, MTZA23, MPCG21, MSS24, NWJ+22, NAM22, OMC+24, OSPZ22, PBS21, RMA+24, SRÁMH+20, SWP+23, VRS20, VSS+22, WLY+23, WFW+24, XLM+23, USA21]. **multi-action** [SRÁMH+20]. **multi-agent** [WLY+23]. **multi-armed** [Gat21]. **multi-criteria** [KFM+23, MSS24]. **multi-decadal** [IBB+21, IBB+22]. **multi-dimensional** [Ano20-50]. **multi-domainal** [Ano20-50]. **multi-habitat** [BOLC+22]. **multi-host** [NWJ+22]. **multi-level** [VSS+22]. **Multi-model** [MTBB22, SWP+23]. **Multi-objective** [NMS24, NAM22]. **multi-parcel** [OSPZ22]. **multi-population** [EL21]. **multi-region**

[XLM+23]. **Multi-scale** [TRMB20, CWH+21, HLM+20, PBS21]. **multi-scaled** [AHO+20]. **multi-scenario** [MP23, MTZA23, WFW+24]. **Multi-sectoral** [BCW+23]. **multi-sensor** [JVGC21]. **multi-species** [BGCJ21, BM21, MPCG21, VRS20]. **multi-state** [RMA+24]. **multi-tier** [OMC+24]. **multi-trophic** [GLA+20, HK23]. **multi-year** [HHBF24]. **multiannual** [PMP+21]. **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, LPD+20, MBG+22, MFF+24, MM21, WGMR23]. **multiple-objective** [WGMR23]. **multipurpose** [CXZ+23]. **multispecies** [For20, XYZR21]. **multistate** [SDP23]. **multitrait** [CP20]. **Multivariate** [ZFC+23]. **municipal** [CAS+24]. **mussel** [FDSM20, RRCZ20, SSB22, Vas23]. **mussels** [BDP+23, KWM+24, SLB20b, WSZ+24]. **mutualism** [AM21]. **mutualisms** [DAG+21]. **mutualistic** [BDC+22, LBL22, YL22]. **my** [LJRM+20]. **mycorrhizal** [MGHT20]. **mydas** [SMV+20]. **mystery** [GDC24].

N [AAR23, BGA22, GSR+23, GSRB22, ZBH+22]. **N-fixing** [GSRB22]. **Nacella** [GSM+20]. **Nærstad** [HEL+21]. **Nanjing** [LDZ21]. **nanoflagellates** [LBPL20]. **Naples** [SBF+21]. **Narragansett** [HML+22, LUV+23]. **Narran** [LHJ+24]. **Nash** [SACE+20]. **natal** [vdMvDSL20]. **National** [ECC+22, SOV21, BST+20, PK23, PWN+24, PPH+21]. **native** [DP20, Ino22, KWM+24, KKF+23, MRR+20, dOPdMdS+21, SWL+23, SC23]. **Natural** [Ano20-51, SMD+20, AVP+23, BWCD23, BARF20, BDA+20, CDJ+22, CPAT20, DS24, GPN+23, KCS22, LRA+20, LGG+22, MSG+21b, MPL+20, RFCEL22, RFPRC23, TBCV22, WG21, ZPZ+22]. **naturalisation** [RPARM20]. **nature** [Ano20-50, BWCD23, CXZ+23, DYMD22, HPMB20, RLS+24, WZLC24, HPMB20]. **nature-based** [WZLC24]. **nearest** [PSZ20]. **nearest-neighbour** [PSZ20]. **nearshore** [PRM+24]. **necked** [KLPJ24]. **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** [VJK+23]. **nested** [WSL+22]. **nesting** [CRZ+23, GDC24]. **net** [ASHK22, ACFM22, DP20, RFdL+24, SMD+20, Yu20, ZCJ+20, RSB+23]. **Netherlands** [HSP+22, PRdN+20]. **Network** [JVGC21, LLZM20, Abe20, BLB+20, CB20, CDNN+20, DPA21, FDSM20, GCS+21, GZK+20, Jor22, LSL20, LMW+23a, LLW+21, LW23, MPC+22, MS20, MP23, PSG+22, PPSS22, dAPdBMT23, SRTS20, SZPW23, SZ20, SPV+20, XHS+24, ZWL+21, KKH+24]. **networks** [BDC+22, BANG20, CCH20, DPA21, EOÖ21, FdKO21, Gon23, GML+20, GCMU23, HMDO20, HNC+21, KMAA23, LBL22, SNM+23, SWW+23, WLWL23]. **Neural**

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

O [AAR23, HKSM23, ZBH+22]. **Oak** [BLB+24a, EVT+21, NYH20, PGSL+20]. **oasis** [CWY+24, CJM+23]. **Obama** [Fou21]. **OBEC** [RFHR23]. **objective** [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, MTL+23, NPK+23, LHH+24, NT23, dSRDC+23]. **oceanic** [CGRR+24, KNP+21, WSFZ21]. **oceanography** [LHDBN20]. **oceans** [ZGG22]. **October** [Ano20k, Ano20w, Ano21k, Ano21w, Ano22w, Ano23w]. **ODD** [Gri20]. **ODE** [RRSG21]. **ODE-based** [RRSG21]. **Odocoileus** [KS22]. **odontocetes** [RSC+23]. **off** [BAAN24, BBIP24, CSCT23, CP20, KiAM+20, NO24, Pér24]. **offs** [DSC+21, JHL23, PF23]. **offset** [BLB+24a]. **offsetting** [BSM23]. **offshore** [vOVvdW23]. **oil** [HMVR21]. **oiled** [WWA+22]. **Okhotsk** [PA20]. **old** [BWCD23, KCP+23, LDZ21, YA24]. **older** [JHKT+23]. **oleae** [PVS+21]. **olgensis** [XLS20]. **oligotrophic** [ZL24]. **Oliv** [ZWL+21]. **olive** [PVS+21]. **omnivorous** [JL23]. **Oncorhynchus** [BLLL21]. **One** [PAS+22, DBK20, TCB21]. **one-dimensional** [DBK20]. **only** [GWH20, JJN22, KRM+22, MBD+22]. **Ontario** [DMdR24]. **ontogenetic** [mSzZK+21]. **open** [LGA20]. **operating** [MM21]. **operational** [DLT+22, MVC+22, PM22]. **Operationalising** [DBDR22]. **opinions** [WBD+22b]. **opportunistic** [EMH+22, TCB21, VMH+21]. **opportunities** [AGS+21, AGS+22, HL23, LSG21, MKEH20, WGMR23]. **Optimal** [BPB+20, CC20, Fer23, BSU+23, DMPLHGL20, ŁJ21, RBMRR20, VBH20, YDLT24]. **Optimisation** [TLH+20]. **Optimising** [DDL+20, NND+22]. **Optimization** [MTP+20, MTZA23, WCSX22, ZZQ23, CWW+23, DGVVP23, FCP+20, HBC+22, HYY+24, LWZL23, NMS24, RK20, WGMR23, WDW+22, XHS+24]. **optimizing** [ESZ+23, NGE+21]. **option** [KMH+21]. **Orbicella** [LVM+22]. **orchard** [LBT+22]. **order** [CLHZ22]. **ordinal** [PPSS22]. **ordinary** [Wu24]. **organic** [AB21, CMSD+22, JLV+21, KBSS23, MAD+20, MLP+20, MPL+20, RFHR23]. **organisms** [FLG+23, Jia21, KKP+21]. **organization** [YEL+21]. **organizational** [Jor22]. **organizing** [EL21, LCP+20]. **oriental** [LhNA+21, LhNA+22]. **orientalis** [LhNA+21, LhNA+22]. **oriented** [CM21, PTNR+20, TPD+24]. **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, MJS24, RBGB23]. **Oulujärvi** [KKH+24]. **our** [GCMU23]. **Outbreak** [HCW+22, BJKT21, DMG22, Gat20, GSC+23, PCL24, STRC24]. **outbreaks** [LDS+23, MAB23, cNKF24]. **outcome** [vDC20]. **outcomes** [MKS21]. **outdoor** [BPF24, CCH20]. **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]. **Overview** [HSD+21]. **ovigerous** [HBMR24]. **oviposition** [dAWG23]. **owls** [CWH+21]. **oxidation** [KKPR20]. **oxide** [AAR23, ZMF+20, ZPZ+22]. **oxygen** [FTH24, YFW+21]. **oyster** [HLS+23, SBWB24, YEL+21]. **oysters**

[LLC+24]. **ozone** [EOÖ21, WHW+23].

P [Mea20, Pas21, SDP21]. **Pacific** [HSL+22, NT23, BWS+20, dMFOM+20, GGMR20, KiAM+20]. **package** [BSS+24, CC23, GSJC22, MMM+24, MS23, OSH+21, RPT21, SGPSzC22, Wu24]. **packages** [SCACB23]. **paddy** [GSR+23, HCX+21, SMM+22]. **page** [AGS+22]. **PAHs** [XWZ+22]. **paired** [dPGDdFS24]. **Pairwise** [SPV+21, MEPJ21]. **Pakistan** [SLY+21]. **palaeoclimate** [PMB+22]. **pallida** [KRMP23]. **palm** [DIS23]. **Pan** [VRRI+24]. **Pan-Atlantic** [VRRI+24]. **panda** [DRZ+24, YDQ+23, HYY+24]. **pandemic** [EOÖ21]. **pandemics** [Laz23]. **Panopea** [LCMB21]. **panther** [CB20]. **paradigm** [AG22]. **paradox** [MYH+20]. **Parameter** [COPM23, CWW+23, EJ20, Mat23, MTT22, TDI+20]. **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, MSLMM22, MLP+20, OMC+24, PDH+22, SSM24, SC21, VN23, XCZ+20, YSIB24, dGZHCA24]. **Parametric** [AZAD+23, RFPRC23, RP22, WBD+22b]. **parasite** [EBMK20, GRGHM21, KE24, TA20]. **parasite-produced** [GRGHM21]. **parasites** [MMMS23]. **parasitic** [BPW+21]. **parasitism** [Hop23, MMC+21, Oku21, dFT+20]. **parasitoid** [BMRF21, Oku21, SE21, YKZ+23]. **parasitoids** [BRAL23, Hop23, MBR+23]. **parcel** [OSPZ22]. **park** [BBCD23]. **Part** [MLP+20, MPL+20]. **parthenogenetic** [KFJS20]. **partial** [COPM23, FGM+24, VMM+21]. **partially** [SGV+24]. **particle** [LWE+22, RGB22, SJH+23, WSW23, WSZ+24]. **partitioning** [UGSG24, ZHWZ23]. **party** [PDW23]. **passive** [BVR+20, PDD+22]. **past** [BPL+20, CLW23]. **pastoral** [TBZ+22]. **Patagonia** [AM22]. **patch** [CDNN+20, FdKO21, LSL20]. **patches** [AKM22, BACS22, CAFT22, MS23]. **pathogen** [AV22, MB22, MGC24, SWL+23]. **pathway** [vdHNH+20]. **pathways** [CDN+23, GM23, MBB20]. **pattern** [ABZ22, CLHZ22, CGV22, FdKO21, FMRMAS24, HYY+24, HLM+20, SLC+20, TPD+24, WZLC24, XMWL23, ZHJQ23, ZBW+24]. **pattern-formation** [FMRMAS24]. **pattern-oriented** [TPD+24]. **patterning** [LCP+20]. **patterns** [AAAR23, AAAR24, CLPZ20, CDB+20, FHP+22, GCSlR22, LDR+20, LZF21, PKO+21, RMV+24, WZHP21, WWC+22, ZPZ+22, ZZW+22, ZLZ+24]. **payment** [BGA+23]. **PCA** [LNK+21]. **PCA-SEM-ANN** [LNK+21]. **peak** [WF24]. **Pearl** [CL21, SWP+23]. **peatland** [BST+20, RPB+23, RGD20]. **Peatlands** [BWT+24, BST+20, MLMI23]. **peculiarities** [SGRDA+24]. **pedestrianization** [ST24]. **pedology** [CM21]. **PEG** [EL21]. **Pelagia** [EWE20]. **pelagic** [ESZ+23, NT23, SLB+20a, SINS22, SZL+20, WLLW20].

pelagicus [RM20]. **Pelotas** [dMT23]. **Penaeus** [LGL+24]. **penguins** [Koo20a]. **per-capita** [SGA22]. **perceptive** [GLH24]. **percolation** [HFP20, HFP22]. **percolation-based** [HFP22]. **perennial** [LGK+23]. **Performance** [KTB+21, LZL22, AHH22, BSCH23, CMHZ23, CKC+24, ESZ+23, KMP+23, PTBFP+20, RM20, RRFLV+22, SC24a, SM22b, VMH+21, VRS20, XCZ+20]. **peri** [RBEC21, USA21]. **peri-urban** [RBEC21, USA21]. **period** [EOÖ21, LM23]. **periodic** [KK20]. **Periphyton** [HKH+20]. **permafrost** [LCW+21]. **persistence** [BACS22, FdKO21, LSA+21, LJP+22, dGMCM+23]. **Persistent** [CCJK+20, LKO20, MLP+20, MPL+20]. **perspective** [CBW22, CN20, Jor22, LSL21, MJdORPG23, SE20a, SE20b, SAdA+22, WZLC24, ZZQ23]. **perturbations** [CTL22, WA20, dGZHCA24]. **pest** [BPW+21, BJKT21, JBF22, LRA+20, MJdORPG23, NGE+21, NLMM23, PVS+21, PEFW20, PSM+21, RCSS20, SSM24, 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** [NYH20, SNM+23, XLS20]. **Phasianus** [KLPJ24]. **pheasant** [KLPJ24]. **phenModel** [PGdAM+20]. **Phenological** [KFJS20, CdCAC+20, HCX+21, PCL24]. **phenology** [GXZ+24, LPHO+20, NYH20, OFH+20, PGdAM+20, REGI+24, VSS+22]. **phenology/voltinism** [PGdAM+20]. **phenomenological** [HFP20]. **phenomenology** [HFP22]. **philippinarum** [CMGD+22]. **philopatry** [BR22]. **phosphate** [GSJ+22]. **Phosphorus** [ADR21, AKY+22, 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, Mas23, Yu20]. **photosynthetic** [HKSM23, SGH+23, VN23]. **Phragmites** [YXY+20]. **PHREEQC** [MTT22]. **phthalic** [WLQ+23]. **phylogeny** [SPV+21]. **physical** [AZMD+22, FMH+20, GGE+23]. **physical-biogeochemical** [GGE+23]. **physics** [GRS+20]. **physiognomies** [DDDC21]. **physiological** [DPC20, LLC+24, RRSG21]. **Phytomass** [CSM23]. **Phytoplankton** [PA20, SLC+23, TSUY23, TMNA20, ACZ+21, CDJ+22, CMA23, HZ22, HMC20, MYH+20, MS20, MBFS21, OSH+21, RFCEL22, RKN+21, SINS22, Vas20, ZGG22]. **phytosanitary** [BAR24]. **Picea** [BG22]. **pigmentation** [OSH+21]. **Pinctada** [SLYL+20]. **pine** [BdSG+23, BAZ22, EVT+21, JLH+21, ML20, SLHB+23, SWL+23, SC23, SGRDA+24, WLT+23]. **pine-hardwood** [JLH+21]. **pink** [JZJ+20]. **pink-footed** [JZJ+20]. **Pinna** [GRGHM21, HMGK20]. **pinniped** [WWP20]. **Pinus** [EVT+21]. **pioneering** [Ano20-49]. **pisha** [ZLZ+24]. **Pityogenes** [OFH+20]. **place** [CNNS+21]. **placement** [LBT+22]. **plague** [RWS+21]. **Plains** [ZFT20]. **planarian** [Fou21]. **plankton** [EL21, GWD+23, MSML21, PCK+22, RUTY23]. **plankton-fish** [RUTY23]. **planktonic** [MPPM23, MBS22]. **Planning** [MTP+20, CL21, DLT+22, MTZA23, NMV+23, RBLS23, SRÁMH+20,

SACE+20]. **Plant**
[LM21, RMK21, TK20a, WXT+20, dGMCM+23, AADHA+23, CGB+23, CWF+21, CSM23, DAG+21, ERP21, HLW+20, HHT21, Hop23, JBF22, KKP+21, LSA+21, MMM+24, MGHT20, MGC24, MPCG21, MPA+24, PSG+22, PAPŁ+23, PMP+21, QZSV21, RRP+23, SVK20, TGL+22, VPV21, 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, SGRDA+24, XLS20]. **planted** [WXH+22]. **planthopper** [NDNN22]. **planting** [MRR+20, TBZ+22]. **plants** [KKF+23, LC20, LZL22, MT23, Mas23]. **Plastic** [NO24]. **plasticity** [JRD+22]. **plastics** [NO23]. **Plateau** [APGD+21, SZL+21, TGL+22, YLLL23, WCG+24, YJC+24, ALS+21, HCL+24, LWL24, WXT+20, ZPZ+22, ZYM+21]. **platform** [GDF22]. **plausible** [Koo20b]. **play** [AARS23]. **plays** [MSG21a]. **Pleuroncodes** [BAAN24]. **plume** [CMFC23]. **pluralistic** [MSG23]. **PM** [NSS+23, SBF+21]. **poaching** [NMC+20]. **point** [GSH+22, LJRM+20, MYACC22, SBMG24]. **points** [WSM24]. **Poland** [ZA20]. **polar** [CLW23]. **polder** [YG21]. **poleward** [LK20]. **policies** [CL21, DWG22, Fer23]. **pollination** [CAFT22, CSCT23, JSL+20, PTRP23, PDGB21, SJA+22, SPV+20, SPV+21]. **pollinator** [WLWL23, YL22]. **pollinator-plant-consumer** [WLWL23]. **pollinators** [RMK21]. **pollutants** [MLP+20, MPL+20]. **polluting** [DGVVP23]. **pollution** [BH21, DBK20, KHS+23, ZZZD22]. **polyactis** [RJY+20]. **polychaete** [GLA+20]. **polycyclic** [ZYZ22]. **Polynesia** [RMV+24]. **Pommerening** [Mea20]. **pond** [YFW+21]. **ponds** [BSPT23a, BSPT23b, BGR20, NBML21]. **Pontederia** [XGT+24]. **pool** [CM21]. **pooling** [PSG+22]. **pools** [SGP+20]. **poor** [AMP+23]. **Pop** [HBMR24]. **Pop-up** [HBMR24]. **poplar** [CSZY+20]. **Population** [MMC+21, TTPA21, VVH+20, XFK21, YKZ+23, AVP+23, APGD+21, BOLC+22, BMM22, CMGD+22, CCJK+20, CLH23, CP20, CAB+21, Dav22, DKM+21, DRZ+24, EL21, EVHS21, FCFCM24, Fer23, FC21, GCB+22, GZ23, HKG+24, Hop23, JLLS23, JZJ+20, JASW23, KAMS22, KRM+22, KLA+20, Koo24a, KLNMG22, LP22, LHL22, LGA+21, LKO20, LSG21, LGK+23, LCMB21, MCB+23, NS20, NGA+20, NGE+21, NLMM23, NBMD21, Oku21, OCT+23, PDH+22, PSM22, PSG21, RCCLMGV22, RUTY23, REGI+24, RMA+24, SE21, SE22, STW+23, SDP23, SLC+20, SBR20, TK20a, TRMB20, Uch23, VSK+20, WZWF20, WGAH22, WLZ+23a, WFD23, Yao21, dGMCM+23]. **populations**
[APF21, BGS+20, CRZ+23, COPM23, FSZ+20, FZS+20, GSJ+20, KS22, KK20, KHH+22, KHH+24, KLPJ24, LSA+21, LBI+20, LGA+21, MGC24, OSH+21, PEFW20, RM20, RCSS20, SDD+20, SLB+23, SMS+24, dVDC20]. **porewater** [ZRMW+20]. **porosity** [IA23]. **porpoise** [DZC+23a, DZC+23b, HSF+20, WSL+22]. **portfolio** [SACE+20].

portraying [RGB22]. **position** [LM23]. **positions** [Sak23]. **positive** [DMG22, WLWL23, ZWZ+20]. **possible** [CSMP21, LLZM20, MSG21a, PR21]. **post** [DWH+21, OHP+23, vdMvDSL20, GGMR20]. **post-ENSO** [GGMR20]. **post-exposure** [DWH+21]. **post-fire** [OHP+23]. **post-natal** [vdMvDSL20]. **postfire** [LM23]. **potato** [DTR+22, DGVVP23, HEL+21, KBSS23, TBZ+22, OHH+21]. **Potential** [DTR+22, HCW+22, LhNA+21, MRR+20, AFdSM23, BGC+23, BS20, BWCD23, CNSK21, CAS+24, CN20, DCT+21, DTD+23, DL21, GLA+20, LUV+23, LLC+24, LDXJ22, MEGA21, MTBB22, MGC24, MLV24, NA22, PK23, PDGB21, RMO22, SD24, SBFBDM24, YCK20, vOVvdW23, LhNA+22]. **potentially** [PAPŁ+23]. **Power** [KLS20, UGSG24]. **Power-law** [KLS20]. **Poyang** [HSF+20, MFH+22]. **Practice** [Ano20-51, BM22b, LSG21, ZJEG24]. **practices** [BAR24, BCMV20, 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, KKH+24, MAN+20, MF20, MMMS23, PHK23, SGP+20, SQDM21, TCG+20, dAdSCA20]. **predator-prey** [MMMS23]. **predators** [BSE21, MCMP+24, PBH22]. **predatory** [TCG+20]. **predict** [AE22, BdCCdSAdS23, CdCAC+20, CYP+20, Cor20, DVVH21, FEPR24, GCB+22, JPL21, Jia21, KLNMG22, MAGR+22, RFCEL22]. **Predictability** [BH20]. **predictable** [DEMJ24]. **predicted** [FS22]. **Predicting** [AADHA+23, FHP+22, HKB+20, HSJ+20, HMDO20, LLC+24, LVM+22, dSMPA+22, NA22, REGI+24, SDD+20, SMM+22, VVH+20, WSN+21, vdMvDSL20, FG21, KTB+21, LWE+22, MKS21, STQ+22, Ste20, SPV+21, VJK+23, ZLL+23]. **prediction** [CMSD+22, GWH20, LJP+22, LLLZ21, LDX+23, LNK+21, dRMJdS23, SZ20, SWP+23, WrJP+22, XZZ+22]. **predictions** [ABC+22, EVHS21, For20, HKY24, HRW+24, JJN22]. **predictive** [CKC+24, EJ20, JLH+21, KMP+23, RRFLV+22, SC24a, TDI+20, VRS20, YCI20]. **predicts** [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, HBP+21, JJN22, KRM+22, WSM24]. **presence-background** [WSM24]. **Presence-only** [GWH20, JJN22, KRM+22]. **present** [XGT+24]. **Preservation** [DS21]. **preserving** [AM22]. **pressure** [DSC+21, GJC+20]. **prevalence** [GWH20, MSG23, MDT+23]. **prevent** [GRCSA+20]. **prevention** [BJKT21, GZK+20]. **prey** [BSE21, CLH23, dSCdA21, MAN+20, MF20, MMMS23, NPK+23, PHK23, SGP+20, SQDM21, SWL+23, TCG+20, dKS22, dAdSCA20]. **prey-predator** [SGP+20]. **price** [CLY+23, UGSG24]. **primary**

[DP20, GAC+21, GLK+22, GZD+23, HMC20, HCX+21, KUK+21, KWP+23, MS20, MBFS21, RFdL+24, SDP21, TSUY23, Yu20, ZCJ+20, ZZLF24].
principle [HCL+22]. **principles** [BPN+20]. **prior** [BWS+20, TTPA21, VRS20]. **prioritization** [HPMB20]. **prioritizing** [MS23, RBLS23]. **Priority** [PAS+22]. **probabilistic** [DBH+22]. **probabilities** [DMM+23]. **probability** [LDS+23, MDT+23]. **probability-** [MDT+23]. **problem** [LKO20, FSZ+20]. **problems** [CCJK+20, LCLG20, PAS+22, TK20b]. **procedure** [EJ20, PEFW20]. **procedures** [FHP+22]. **Process** [Por21, AZAD+23, BdSG+23, CAK+24, GSH+22, HSJ+20, HEL+21, HGBK23, HBRK24, HCPG20, KTB+21, LJRM+20, LCW+21, MYACC22, MPCG21, NWO21, NO23, OKS+21, PTNR+20, TQM+24, TSUY23, TPD+24, VSS+22, WGK+21, ZPZ+22]. **process-based** [BdSG+23, CAK+24, HEL+21, HGBK23, HBRK24, HCPG20, KTB+21, LCW+21, MPCG21, NWO21, NO23, OKS+21, TSUY23, VSS+22, ZPZ+22]. **process-explicit** [TPD+24]. **process-guided** [HSJ+20]. **process-oriented** [PTNR+20]. **Processes** [YHC+21, AJG22a, AJG22b, EL21, FFM+23, FHP+22, HKY24, 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, AAM+22, AAC20, BLLL21, CMKF22, CDN+23, CMHZ23, DTR+22, DP20, ESCA22, EGAS23, GSR+23, GLK+22, HMC20, HCX+21, KUK+21, LYM+23, MTS+20, MS20, MBFS21, MEGA21, MGdM+20, NGA+24, NBMD21, OZSU22, PAdS+24, SLY+21, SMD+20, SDP21, TBP+23, TSUY23, TKO+22, WGMR23, XLS20, ZBH+22, vOVvdW23]. **production-crop** [LYM+23]. **Production-Living-Ecological** [ZZQ23]. **Productivity** [LB21, SGRDA+24, CGRR+24, CSM23, GZD+23, HCP+20, KDH+21, KWP+23, MPA+24, NYH20, QS23, WHW+23, RFdL+24, SE20a, SE20b, SHT21, TSUY23, WLT+23, YSIB24, Yu20, ZCJ+20, ZZLF24]. **Productivity-environment** [SGRDA+24]. **products** [ACZ+21, MLV24]. **profiles** [EMH+22]. **profiling** [MGK+23]. **ProForM** [SFGB23]. **program** [HSD+21]. **Programming** [BM21, NMV+23, NAM22, SRÁMH+20]. **programs** [JZJ+20]. **progress** [WZZF23, ZZWF21]. **project** [DBV+22, XZZ+22]. **Projected** [ZFT20]. **Projecting** [SLLW21, YPS+21, APF21, MKB+24]. **projection** [CP20, KK20, PSBE23, PFK+22, TK20a, ZLLZ24, ZXK+24]. **Projections** [KNP+21, TTPA21]. **projects** [DYW+22]. **prolifera** [SRB+20]. **promote** [LGG+22]. **promotes** [AM21, ZL24]. **Promoting** [LYM+23, HL23, Yao21, BCMV20]. **prone** [ABRG21, KT22, SD24]. **Proof** [BRBT22]. **Proof-of-concept** [BRBT22]. **propagation** [KWG+23]. **propagules** [LBB20]. **properties** [IA23, JRD+22]. **proposal** [RFHR23]. **Prorocentrum** [SGH+23]. **prospect** [DLZ+20]. **prospective** [BH21]. **protected** [AADHA+23, GMS+23, PWN+24, SvV21]. **protection**

[HWS+23, SFGB23, ZYK22]. **protocol** [Gri20, PAB+22]. **protozoa** [JZS+21]. **provide** [HBMR24]. **Province** [AAM+22, KHS+23, LZSQ20, MDB+20, ENARM+23, ZSS21, ZLML20]. **provincial** [PK23, SLY+21]. **provincial-scale** [SLY+21]. **provision** [MEGA21]. **provisioning** [PTRP23]. **pseudoharengus** [NGA+20]. **PSR** [RS23]. **pteropods** [EV22]. **public** [CVTS20a, CVTS20b]. **Publishing** [Mea20, Pas21]. **pullout** [JZHT23]. **pulses** [MB22]. **Puma** [CB20]. **PVA** [LBGD21]. **Python** [LQH24]. **Python-based** [LQH24].

Q [MBMV20]. **Qazvin** [DYMD22]. **Qinghai** [ALS+21, LWL24, Yu20, YJC+24, ZPZ+22]. **Qinling** [WYBX23]. **Qinzhou** [HLS+23]. **QtAC** [SGPSzC22]. **qualitative** [FDSM20, HKB+20, RBEC21, ZBW+24]. **qualitatively** [CLPZ20]. **quality** [BZZT22, BM22b, BLLL21, BAM23, CC23, nCLpW+23, ELS23, EMH+22, HCP+20, KLNMG22, LZF+24, MSL+21, MPA+24, PRM+24, Pie23, SBF+21, SC21, VMH+21]. **Quantification** [HLW+20]. **quantify** [DYW+22, Jia21, TBP+23, WWF+23]. **Quantifying** [AG22, HCPG20, KBSS23, LGA+21, OMP+23, RSWS23, SMP20, SGA22, TQM+24, TKO+22, PAS23, PRdN+20, SRB+20]. **Quantitative** [Ino22, vdHNH+20, CAH22, For20, PSW22]. **quantitatively** [CLPZ20]. **quantities** [LCMB21]. **quantization** [MBS22]. **Quanzhou** [LZL23]. **Quebec** [MTBB22, RPB+23]. **Quercus** [EVT+21, NYH20]. **questions** [JTH24]. **quick** [Tur20]. **quick-start** [Tur20]. **QWASI** [WLQ+23].

R [BSS+24, CC23, GSJC22, MMM+24, MS23, OSH+21, SGPSzC22, SCACB23, Wu24]. **R-package** [SGPSzC22]. **Rabies** [TLL+23]. **radiation** [DWH+21, VSK+20, YXH20, ZL24]. **rafts** [HLS+23]. **rainfall** [dSBDH23, FS22]. **rainfed** [TKO+22]. **rainforest** [AHO+20]. **ramp** [NPS+23]. **Random** [KAB23a, PDD+22, SOV21, ABB23, AP22, BMB24, DMG22, DMM+23, MLL20, CKC+24]. **randomly** [TK20a]. **range** [FMRMAS24, KKW+21, LK20, RBLS23]. **range-wide** [RBLS23]. **rangeland** [CPAT20, FS22, RS23]. **rangelands** [AJG22a, AJG22b]. **ranging** [DGSM21, TBM+24]. **ranked** [PPSS22]. **ranking** [EJ20, ILLM20, PMZ+21]. **Raoiella** [AFdSM23]. **raphidophytes** [SIOM24]. **rapid** [YZZF22, ZGG22]. **raptor** [STQ+22]. **rare** [DTD+23, TTPA21]. **rate** [CYP+20, Cor20, DGVVP23, DP20, JLLS23, KN20, LK24a, PTF23, SE20a, SE20b, XJW21]. **rates** [APF21, CDT+23, HFP22, II24, JST+22, KABL21, RWF22]. **ratio** [MGWG22, WZWF20, ZFC+23]. **ration** [DMPLHGL20]. **rational** [GSC+23]. **ratios** [CDJ+22]. **ray** [ZL24]. **Re** [SdlP20, AG22, KKH+24]. **re-analysis** [AG22]. **re-establishment** [KKH+24]. **Re-scaling** [SdlP20]. **reaches** [XMWL23]. **reaction** [FMRMAS24, MGWG22, RBEH21]. **reactive** [ZZWF21]. **reading** [RFHR24]. **real** [LJP+22, PAS+22, RGB22, SJA+22]. **real-time** [LJP+22]. **realism** [KHH+22, KHH+24]. **realistic** [PCK+22]. **Realities** [Por21]. **really** [KHR23]. **reanalysis** [CBG+22]. **recapture**

[DMM+23]. **recharged** [WLQ+23]. **Rechna** [AIA+23]. **reclaimed** [WLQ+23]. **recommendations** [BM22b, EMH+22, HSD+21]. **Reconciling** [MGdM+20]. **Reconsiderations** [GSRB22]. **Reconsidering** [UGSG24]. **Reconstructing** [SLB+23, ZZW+22]. **reconversion** [BGA+23]. **Recovery** [HHI+22, GCB+22, GCS+21, MHP+23, SWL+23]. **recreation** [BPF24, GCS+21]. **recreational** [WBW+20]. **recruitment** [AJ22, PYD+21a, PYD+21b]. **recycling** [AWW24]. **Red** [MSG21a, VSK+20, BG22, MVC+22]. **reduce** [CAB+21, CDC+22, Koo24a]. **reduced** [BSS+24, VRW+21]. **reduced-impact** [BSS+24]. **Reducing** [TBZ+22, DGVVP23]. **reduction** [Che21, CAK+23, HWS+23, MKR20, Pre22]. **reed** [YXY+20]. **reef** [GGMR20, SBWB24, XHZH24, YEL+21, ABR24]. **reefs** [CN20, DLY+22, MAB23]. **reference** [CSM23]. **refining** [CB20]. **reflect** [TLC+22]. **Reflections** [WG21]. **reforestation** [SAL+22]. **Reformulation** [RCSS20]. **regarding** [RFHR23, VRS20]. **regeneration** [BLB+24a, HBRK24, QZSV21]. **regime** [GWD+23, LDXJ22, WCG+24]. **regimes** [AADHA+23, AACCIS20, LM21]. **region** [AZMD+22, BS20, EGAS23, LZF+24, LZF21, LW23, MEGA21, dRMJdS23, NO24, PZH+21, SD24, SM22b, TLH+20, WFW+24, XLM+23, Yu20, ZLLZ24, COS23, SLLW21]. **regional** [BLL+23, ERP21, KMH+21, KTB+21, OZSU22, RMV+24, RFCEL22, WYBX23, WKL+21, ZA20]. **regions** [AMK21, BMB24, BCMV20, CDN+23, GVG+23, GSR+23, GLK+22, LZF+24, LMW+23a, MPSS24, NWO21, WFW+24]. **regression** [JPL21, YCI20]. **Regular** [SLC+20]. **regulated** [BS21]. **regulates** [SLC+20]. **regulating** [GMS+23]. **regulation** [BMB21, RGB22, SBF+21]. **regulations** [PGB+20]. **reinforcement** [SZL+21, WLY+23]. **relascope** [PSW22]. **related** [Kos22, LE23, MKB+24, TKO+22, WTT+21, YSIB24, ZZŠ+22]. **relationship** [CLPZ20, CLY+23, LZL23, LK24b, MZLRSZ21, WLWL23, dMT23]. **relationships** [CKK+24a, CKK+24b, Vas20]. **Relative** [EL21, QZSV21, SDP23, WBD+22b]. **relay** [DDH+22]. **release** [HLB+20, Lov24, ZWZ+20]. **relevance** [Fer23]. **relevant** [GCSlR22]. **reliability** [dGZHCA24]. **relictus** [ILLM20]. **reload** [GRS+20]. **remnant** [GMS+23]. **remote** [AMP+23, ACFM22, DIS23, HGBK23, HMDO20, ILLM20, KCHZ21, Lia23, SNP+23]. **removal** [HKH+20, HCPG20, NSS+23, RGD+22, SBF+21]. **renewable** [HWS+23]. **renewal** [LDZ21]. **reoligotrophication** [KUK+21]. **repeat** [KKW+21]. **replace** [AAM+22]. **replacement** [SIOM24]. **Report** [PKB+23]. **reporting** [BST+20, DLT+22]. **represent** [GSMD24]. **representation** [ASKR24, KBAC20, SDSP+21, WGK+21]. **representative** [CWH+21]. **Representing** [BA20]. **reproducible** [LGA20]. **reproduction** [APF21, DWH+21, KGBL24, KK20, MSG21a, MSG23, RTH+21, SGLK20, SMV+20, TBP+23, WHE+24a, WHE+24b]. **require** [BM22a, Pér24]. **requires** [PCK+22, YL22]. **Research** [WZZF23, ZZWF21, BZZT22, DK22,

Fat21, LWZL23, MMM+24, MS23, ZJEG24]. **reserve** [CTL22, GMS+23, WST+23]. **reserves** [DS23]. **Reservoir** [XWX+24, BdCCdSAdS23, DAQ20, MKN23, ZMG+21, LYZ+24]. **reservoirs** [SC21, SZ20, Ste20]. **residencies** [BVR+20]. **resident** [MGHT20]. **residential** [IA23]. **residents** [YZZF22]. **residue** [TGB+23]. **residues** [DCT+21, MEGA21]. **Resilience** [KMAA23, DBDR22, HSP+22, JST+22, JRD+22, Mur24, RS23, RLM23, RGRMRR20, SLC+23, SKPL24, SBM+22]. **resistance** [BSU+23, Hop23, WXH+22, dVDC20]. **resolution** [AMP+23, ACZ+21, BRC+21, BBIP24, CJM+23, CDB+20, ESZ+23, LBGD21, RSB+23]. **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, XHZH24, ZA20]. **Respiration** [RSB+23, AG22, TDI+20]. **respond** [RLdM20]. **responding** [LCP+20]. **Response** [BPL+20, NBU+23, Por21, RFHR24, YCK20, BS21, BA20, BMBB24, FTH24, GSJ+22, GGE+23, HSL+22, JOE23, LAK+23, LE23, OHR+23, PR22, RGB22, SQDM21, TRMB20, ZFT20, ZZŠ+22, dAdSCA20]. **responses** [Che22, FWK+20, KWC24, LJP+22, OEC24, SRK+20, WZLC24, WSN+21]. **resprout** [ABRG21]. **restoration** [HYY+24, LLC+24, LVM+22, ZRMW+20]. **restore** [YA24]. **restored** [CWF+21, WCF+22]. **restoring** [OHP+23, SDD+20]. **RESTREND** [ZYM+21]. **RESTREND-based** [ZYM+21]. **result** [RFHR24, SWL+23]. **resulting** [SAdA+22, ZOJ+23]. **Results** [MKR20, KCHZ21, ZFT20]. **retention** [Ste20, TGRM23]. **Retraction** [AAAR24]. **retrospective** [LM23]. **reveal** [CTL22, PR21, RSC+24]. **Revealed** [BBCD23, EL21, TSUY23]. **reveals** [CP20, SPV+20, SBR20, TLL+23, WGMR23]. **reverse** [CLHZ22]. **Review** [FLG+23, WYJ+22, ABM20, BZZT22, DRZ+24, KAB23a, Laz23, MMRBLN20, OKS+21, dSRDC+23, SDH21, TGL+22, WGAH22]. **reviews** [Fat21]. **revised** [PTG+20]. **Revisiting** [Jag20, MPL+20, RRFLV+22]. **Revolutionising** [ABKA24]. **rheophilic** [LWE+22]. **rheophilic-spawning** [LWE+22]. **Rhode** [LUV+23]. **Rican** [AHO+20]. **Rice** [PSG+22, BMAME+23, ENARM+23, GSR+23, HCX+21, MVC+22, NDNN22, SMM+22, TKO+22]. **rich** [CAFT22, SM22a]. **richness** [MAGR+22, VPV21, YB22]. **ricinus** [WBD+22b]. **RIDL** [NS20]. **ridley** [SPB+24]. **Riera** [NBU+23]. **right** [WHdBB21]. **rights** [nCLpW+23]. **Rim** [YD20]. **ring** [KLPJ24]. **ring-necked** [KLPJ24]. **rise** [PR22]. **risk** [AAAR23, AAAR24, BRSW24, CB20, CDC+22, For24, FLG+23, GZK+20, HP20, HEL+21, JOE23, LBI+20, LYZ+24, LDS+23, LLW+21, Oku21, TLL+23, TCB21, WLQ+23]. **River** [CWY+24, CL21, DZC+23a, DZC+23b, JASW23, MP23, SWP+23, TGRM23, WLZ+23a, ZGMFESD23, BS21, CFL+22, KWM+24, KSJ22, LDC+20,

RBLS23, SRTS20, SD24, XHS+24, Yao21, BH21, nCLpW+23, GJC+20, JHL23, MBB20, TLH+20, XZZ+22, XMWL23]. **riverine** [CSBS21, JASW23, LBI+20, MBG+22]. **rivers** [KWM+24, LWE+22, LEC+23, SJH+23]. **Road** [LMW+23a]. **roadmap** [RFHR24]. **robur** [EVT+21]. **Robust** [DTD+23]. **robusta** [KTB+21]. **Robustness** [LSL20, LBL22, MP23]. **rocky** [SBS+20, CWH+21]. **rocky-shore** [SBS+20]. **rodent** [KWC24]. **rodents** [Fer23]. **role** [BDC+22, DvDA24, FSY22, JSL+20, LTR+24, MSG21a, PSM+21, SRTS20, TA20]. **roles** [EL21, RSC+21]. **Romagna** [MEGA21]. **roofs** [MKR20]. **rookeries** [LHH+24]. **root** [AG22, HFP20, HFP22, JZHT23, JMC+22, PMP+21, SZL+21, YLS+21]. **root-soil** [HFP20, HFP22]. **roots** [YSIB24]. **rotation** [GAMN+23, XLS20]. **Rothamsted** [JLV+21]. **roughness** [HLS+23]. **route** [KTB+23]. **routes** [NPS+23, PTD+23, SGV+24]. **Rpath** [LGA20, WA20]. **RS** [SD24]. **rubens** [BG22]. **Ruditapes** [CMGD+22]. **rule** [RLH24]. **ruminant** [MDB+20]. **run** [BLLL21]. **runoff** [NA22]. **rural** [CNSK21, HCPG20, JLLS23, MFPIBGES23, YZZF22]. **rust** [CGB+23]. **Rwanda** [GVG+23].

S [CDJ+22, FSZ+20, FZS+20, KMP+23, COS23]. **Sable** [HBP+21]. **Saccharina** [VLGG+20]. **Sacramento** [BLLL21]. **sacrorum** [SZL+21]. **safe** [DP20]. **safeguarding** [XCH+21]. **sage** [OHP+23]. **sage-grouse** [OHP+23]. **saira** [KiAM+20]. **sal** [KWP+23]. **Salicornia** [PAPŁ+23]. **salinity** [LYC+21, TSBE23, YSFX23, ZRMW+20]. **Salish** [KNP+21]. **salmon** [BLLL21, HP20, MBB20, WDW+22]. **salmonid** [MM21]. **salmonids** [MM21, SJH+23]. **salt** [ZZG+24]. **sample** [GWH20, MDT+23]. **sampled** [MGK+23]. **samples** [BBIP24, JM22, RGD+22]. **Sampling** [PSW22, AFG24, CWH+21, MDT+23, RSC+24, RAC+24, VPV21]. **sanctioning** [LL22]. **sand** [SWF21]. **sandstone** [ZLZ+24]. **Sanggou** [FMH+20]. **sapidus** [CMFC23]. **saplings** [BLB+24a]. **sardine** [HMVR21, PYD+21a, PYD+21b]. **Sardinella** [HMVR21, PYD+21a, PYD+21b]. **SARS** [CYP+20, Cor20]. **SARS-CoV-2** [CYP+20, Cor20]. **satellite** [CSZY+20, HBMR24]. **saturation** [dSCdA21]. **saury** [KiAM+20]. **savanna** [ABRG21, DDG+21, DDDC21, MMdP+21, dRMJdS23, YCK20]. **savannahs** [MTW+22]. **savannas** [SKPL24, WMA21]. **saved** [SCH+21]. **Scale** [BHC22, YB22, AJ22, BLL+23, CBW22, CLPZ20, CSM23, CXZ+23, CWH+21, CYP+20, Cor20, CKK+24c, FWK+20, FFM+23, GMM+24, HBP+21, HAZEF23, HLM+20, JSD+22, KTB+23, KKF+23, Kos22, KTB+21, MAGR+22, MBG+22, PWN+24, PDGB21, PBS21, PMP+21, PCK+22, STQ+22, SdlP20, SLY+21, SKW23, TLL+23, TRMB20, VPV21]. **Scale-dependent** [BHC22, YB22, PWN+24]. **scaled** [AHO+20]. **scales** [ATP20, BAR20, DKM+21, KMH+21, MKS21, MM21, OZSU22, PTRP23, RLM23]. **scaling** [SdlP20, XJW21]. **scarce** [GSRB22, MJ24]. **scarcity**

[DYMD22, RSASP22]. **scavenger** [KHR23, PR23]. **Scavengers** [PR21]. **scenario** [DSC+21, MP23, MTZA23, WFW+24]. **scenario-based** [DSC+21]. **scenarios** [BOLC+22, JHL23, MTBB22, MSS24, SBM+22, SMV+20]. **scene** [TWL+22]. **scheme** [VPV21]. **schemes** [BJKT21, OEC24]. **Schichaa** [TCG+20]. **school** [dKS22]. **schooling** [WLY+23, dKS22]. **science** [DK22, EMH+22, JMM+20, KRM+22, LJRM+20, VMH+21, ZJEG24]. **scope** [OHP+23, YYS+22]. **Scotland** [CKK+24a]. **Scots** [ML20, SGRDA+24]. **Scottish** [CKC+24, CKK+24c]. **screening** [PMZ+21, dGZHCA24]. **scrofa** [KT22]. **SDM** [LJRM+20, MGK+23]. **SDMs** [MDT+23]. **Sea** [RSC+21, RSC+23, SRB+20, AJ22, APGD+21, CRZ+23, EVHS21, GMM+24, GGMR20, LHH+24, II24, LHDBN20, LBB20, MM21, PTD+23, PR22, RM20, SPB+24, WBW+20, WBD+22a, BNN20, EWE20, GSJ+20, KNP+21, NHGP23, OCT+23, PA20, PTNR+20, SGTS21, SGTS23, SRK+20]. **seabass** [DHW+20]. **seabird** [ARSC22]. **seabream** [DTD+23]. **seagrass** [LTR+24, PR22]. **seagrasses** [VN23]. **Seamlessly** [LZW20]. **Searching** [BWSS21, CBSB23]. **Seas** [SHF24]. **SEAS5** [NLMM23]. **Seaside** [HBP+21]. **season** [DZC+23a, DZC+23b, HGBK23, LZD+24]. **Seasonal** [NLMM23, ZWZ+20, BMB21, DMdR24, HMVR21, HKSM23, KABL21, SSM24, SIOM24, STW+23, WHL+23, XYZR21, ZS20]. **Seasonality** [MPPM23, NWJ+22, MMC+21]. **seasons** [CRZ+23, GDC24]. **seaweed** [FMH+20, LUV+23, WT20, vOVvdW23]. **seaweeds** [vOVvdW23]. **secondary** [CGV22]. **section** [LDC+20, XHS+24]. **sectional** [RAC+24]. **Sector** [XLM+23]. **sectoral** [BCW+23]. **security** [GHbS21, HYY+24, LPA+21, LYL+24, WZLC24, ZHJQ23, ZHC23]. **sediment** [HKH+20, LCLG20, NA22, SBMF23, TGRM23, WPL+23, WSZ+24, ZWZ+20]. **sediment-inhabiting** [SBMF23]. **sediment-water** [WPL+23]. **sedimentation** [WSZ+24]. **Seed** [LKO20, CGV22, WSW23]. **SEEMS** [CXZ+23]. **segregation** [Kos22]. **Segura** [ZGMFESD23]. **SEIB** [VK24]. **SEIB-DGVM** [VK24]. **SEIR** [BGC+23]. **SEIR-Metapopulation** [BGC+23]. **select** [VPV21]. **Selecting** [BMM22]. **Selection** [BS20, ŁJ21, OEC24, PWN+24, SC24a, SM20, SBMG24, WWF+23, WT20, dVDC20]. **Selective** [ZGG22, BSS+24, BACS22, BdBG+21a, BdBG+21b, NK23]. **Self** [LHL22, AVP+23, EL21, GSH+22, KBAC20, LCP+20, PF23, YEL+21]. **self-compatibility** [AVP+23]. **self-exciting** [GSH+22]. **self-fouling** [PF23]. **Self-healing** [LHL22]. **self-organization** [YEL+21]. **self-organizing** [EL21, LCP+20]. **self-shading** [KBAC20]. **SEM** [BPF24, LNK+21]. **semantic** [PTRP23]. **semelparous** [TK20a]. **Semi** [AZMD+22, BGA22, FS22, KWP+23, LHJ+24, MPSS24, NWO21, PAdS+24, WFW+24]. **semi-arid** [FS22, LHJ+24, MPSS24, NWO21, PAdS+24, WFW+24]. **semi-mechanistic** [BGA22]. **semiarid** [PGSL+20]. **sensing** [AMP+23, ACFM22, DIS23, HGBK23, ILLM20, LDR+20, Lia23, SNP+23]. **sensitive** [GWH20, PMB+22, SBMG24]. **Sensitivity** [CGVC21, FEPR24, HLH+21, MLP+20, OFH+20, PMZ+21, RGB+23, SC21, WSHZ24, WXT+20,

WLT+23, YSIB24, vDC20, BGCJ21, BLSR+20, DMdR24, HRW+24, HEL+21, Mat23, PFM+21, RS23, TGB+23, TK20b, WA20, XHS+24, dGZHCA24]. **sensor** [JVGC21]. **sensors** [HKH+23]. **Sentinel** [CSZY+20]. **Sentinel-2** [CSZY+20]. **Separating** [GSH+22]. **September** [Ano20l, Ano20x, Ano21l, Ano21x, Ano22x, Ano23x]. **Sequential** [SDH21, WST+23]. **sequestration** [MTBB22, RMO22, WZLC24]. **series** [DMG22, LCP+20]. **service** [CVTS20a, CVTS20b, GZW+20, JSL+20, MEGA21, MTZA23, PTRP23, PDGB21]. **services** [ABM20, BGA+23, BDA+20, CAFT22, CL21, CLY+23, GMS+23, GSA24, JHL23, LL21, LZL23, LPD+20, NMS24, PGP+22, PRdN+20, SJA+22, WFW+24, XCH+21, YPS+21, ZHC23]. **sessile** [NYH20]. **set** [LBT+22]. **sets** [BS20]. **settlement** [SC24b]. **several** [GLK+22]. **severity** [AB21, PCL24]. **sewage** [LZL22]. **sex** [MGWG22, WZWF20]. **sexual** [MSG21a, MSG23]. **sexualization** [MGWG22]. **Shaanxi** [LZSQ20]. **shad** [PSBE23]. **shading** [GZW+20, KBAC20]. **shallow** [WPL+23, WCG+24, YXY+20]. **Shandong** [LGL+24]. **shape** [CIL+20]. **shape-constrained** [CIL+20]. **shaped** [LPL22a, dKS22]. **shared** [SWL+23]. **sharing** [ZL24]. **shark** [KCHZ21]. **shawi** [ZMG+21]. **sheep** [DGSM21]. **shelf** [SPB+24, PTG+20]. **shelled** [EV22]. **shellfish** [GMM20, LUV+23, PGB+20]. **shift** [LhNA+21, LhNA+22, LDXJ22, WCG+24, dGMCM+23]. **shifting** [HBRK24]. **shifts** [LVM+22, NHGP23]. **shikokuense** [SGH+23]. **shocks** [JST+22]. **shore** [SBS+20]. **shoreline** [MSL+21]. **short** [BP21, EVHS21, JvVvHH24, LCP+20, LGK+23, SZ20]. **short-lived** [LGK+23]. **short-term** [EVHS21, JvVvHH24]. **short-time** [LCP+20]. **should** [RAB21]. **shows** [GGMR20, SG20]. **shrimp** [dMFOM+20, LGL+24, RWF22]. **shrub** [ALS+21]. **shrub-meadow** [ALS+21]. **Siberia** [GHK23]. **Sichuan** [HCL+24]. **sickness** [Gat20]. **SIF** [YYS+22]. **sightings** [WWP20]. **sigmoidal** [PCN+23]. **sign** [WSFZ21]. **signal** [GSH+22]. **significantly** [CAFT22]. **silico** [PNGESS21, dFT+20, FCFCM24, PSM+21]. **silver** [SKW23]. **similar** [ML20]. **simple** [JMHH22, MM21, TDI+20]. **simplification** [AIA+23]. **simplified** [Jag20]. **Simplifying** [CGVC21]. **SIMREG** [PPH+21]. **simulate** [BSS+24, DDH+22, DBN+22, EHS+20, KLH+24, LPHO+20, MPCG21, PPH+21, TGB+23, TPD+24]. **Simulated** [SMV+20, AP22, KKH+24, LVM+22, LCW+21, WHL+23, WSHZ24, YYS+22]. **Simulating** [ADR21, BGC+24, CGRR+24, CWW+23, EVT+21, FTH24, KDH+21, KS22, LMW+23b, PBS21, SSJC23, SJH+23, WGK+21, WCG+24, YLS+21, AMK21, CXZ+23, EON23, LPS+21, SCG+23, TGL+22, ZZG+24]. **Simulation** [ASL+20, JLLS23, LZW20, SNP+23, ZBH+22, ZZLF24, AXMJ22, BLB+24a, BSR21, CM21, CLG20, DPA21, DPC20, FZS+20, GDF22, JHKT+23, LKP+20, LP22, LZF+24, LDX+23, LWL24, MP23, MTZA23, MTT22, NGA+20, OHH+21, OHP+23, SFGB23, SG20, TBCV22, TSBE23, Tur20, VK24, WWC+22, WXX+23, WMA21, WFW+24, ZLLZ24, ZL24, ZHWZ23, ZLZ+24, dPGDdFS24]. **simulation-based** [DPA21].

Simulations [LPL22b, PMB+22, DMGP20, GGE+23, KHH+22, KHH+24, PR21, RSB+23, RRCZ20, SMS+24, WA20]. **simulator** [CXZ+23, KWG+22a]. **simultaneous** [MTT22, RMK21]. **simultaneously** [GSJ+20]. **sinensis** [ZWL+21]. **single** [GAM20, RCCLMGV22]. **sink** [BWT+24]. **sinusoidal** [LPL22a]. **sinusoidal-shaped** [LPL22a]. **Sio** [COS23]. **Sio-Malaba-Malakisi** [COS23]. **SIR** [Laz23]. **Sistan** [EGAS23]. **site** [EVHS21, FFM+23, NND+22, STW+23, WT20]. **site-level** [STW+23]. **site-scale** [FFM+23]. **sites** [PAPŁ+23, WLZ+23a, WWP20]. **six** [CDN+23]. **size** [BGCJ21, DMPLHGL20, HES+20, HES+23, KAMS22, LP22, 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** [ZLZ+24]. **slow** [LM21]. **small** [APF21, CSM23, CXZ+23, CSMP21, GMM+24, RSC+24, RJY+20, SLB+20a]. **small-scale** [CSM23, CXZ+23, GMM+24]. **smallholder** [ASKR24]. **smallmouth** [LBI+20]. **smart** [CMSD+22]. **smarter** [BCW+23]. **smolts** [WDW+22]. **snail** [YKZ+23]. **Snow** [PWN+24, OCT+23]. **Sobol** [LAC+24]. **Sociability** [BSR21]. **Social** [MFPIBGES23, ASKR24, AAC20, BGS+20, BAM23, GCS+21, KS22, LCM24, PAS23, PHL20, RTH+21, WAHA+24]. **Social-ecological** [MFPIBGES23, BAM23, PHL20]. **Socio** [CXZ+23, DS21, LPD+20, OBFH22, BAR24, GM23, KLH+24, LCM24, PG23, RBEC21, WG21, ZJEG24, ZGMFESD23]. **Socio-Ecological** [DS21, LPD+20, OBFH22, KLH+24, LCM24, RBEC21, WG21, ZGMFESD23]. **Socio-econ-ecosystem** [CXZ+23]. **socio-ecosystem** [BAR24]. **socio-environmental** [PG23, WG21, ZJEG24]. **socio-MFA** [GM23]. **soda** [PAPŁ+23]. **sodicity** [TSBE23]. **soft** [vdHNH+20]. **soft-bottom** [vdHNH+20]. **Soil** [TK20b, AMK21, AB21, AKY+22, BMAME+23, BMS+20, CM21, DCT+21, DPA21, ETAAH21, HKH+23, HGBK23, HFP20, HFP22, JMPB24, KKP+21, LLLZ21, LCW+21, LSS+21, LLW+21, LMW+23b, MSG+21b, MTT22, PAPŁ+23, PSM+21, RGD20, TLC+22, TDI+20, TGL+22, YG21, YLLL23, ZRMW+20, ZLZ+24]. **soil-dwelling** [PSM+21]. **soil-plant** [PAPŁ+23, TGL+22]. **soils** [SMM+22, XWZ+22]. **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** [JVGC21, JASW23, Mas23, NND+22, SACE+20]. **solutions** [MTT22, WZLC24]. **solving** [MYH+20]. **somatic** [KABL21]. **sophisticated** [KHH+22, KHH+24]. **source** [ELS23, GJC+20, LGA20, ZZZD22]. **sources** [DBK20, HWS+23, PSM+21]. **souring** [MKN23]. **South** [MDB+20, ARSC22, CRZ+23]. **southeastern** [SLHB+23]. **Southern** [APGD+21, HSL+22, LCW+21, PTNR+20, BARF20, GSA24, SGTS21, SGTS23]. **Southwest** [LZL22, ZHJQ23]. **southwestern** [YA24, dSRDC+23]. **soybean** [dSBDH23, Hop23, RFdL+24]. **soybean-maize** [dSBDH23]. **sp**

[KDC+21]. **Space** [RWS+21, TLH+20, ABB23, DDG+21, EVHS21, HHFB23, KMH+21, MM21, ZS20]. **spaces** [GZW+20]. **Spain** [ZGMFESD23]. **Sparrow** [HBP+21]. **sparse** [AMK21]. **Spatial** [BLP20, CCH20, LGG+22, LW23, RS23, Sak23, SACE+20, WHdBB21, WZHP21, AAAR23, AAAR24, ATP20, BRC+21, BRSW24, BBIP24, BSM23, CLY+23, CJM+23, CSM23, CLG20, DIS23, DMM+23, EON23, ESZ+23, FTH24, GSA24, GWH20, GZK+20, HSL+22, LGFT+20, LDR+20, LZL23, LQH24, MKR20, MLJ+23, MSLM+24, MMRBLN20, NHGP23, NL20, OCT+23, PEFW20, PSZ20, RAB21, RRFLV+22, RWS+21, SRTS20, SC24b, TWL+22, ZZQ23, dMT23, dGMCM+23, dAdSCA20]. **spatial-explicit** [LQH24]. **Spatial-moment** [BLP20]. **spatial-temporal** [EON23]. **Spatially** [ABZ22, GCB+22, SOV21, AE22, BSU+23, BSR21, BR22, CAB+21, DMM+23, DDG+21, GRCSA+20, JMM+20, JSL+20, KS22, KWG+23, PRdN+20, SLHB+23, SJA+22, WBW+20, WBD+22a]. **Spatially-explicit** [GCB+22, DDG+21, KWG+23, WBD+22a]. **spatio** [GSJ+20, LRA+20, NWO21, NO23, ZHWZ23]. **spatio-temporal** [GSJ+20, LRA+20, NWO21, NO23, ZHWZ23]. **Spatiotemporal** [CL21, LYL+24, ZSS21, DMGP20, SBS+21, WWC+22, YD20, ZPZ+22]. **spawning** [DSHB23, LWE+22, WLZ+23a]. **special** [CSM23, LSG21, Men22]. **Speciation** [FAC22]. **specie** [ILLM20, ZLL+23]. **Species** [BM22b, BM22a, CLPZ20, EMH+22, HHI+22, HPMB20, dSRDC+23, AHH22, AMP+23, AM21, AFdSM23, ALJ+22, AARS23, BOLC+22, BAAN24, BSCH23, BGCJ21, BS20, BWSS21, BBIP24, BM21, CSBS21, CWF+21, CNSK21, CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24b, DTD+23, EVT+21, FSY22, For20, FG21, GGS+22, GWH20, HLZ+22, HBRK24, HFSL+24, HLH+21, HNC+21, Ino22, JLH+21, JL23, JMM+20, JHKT+23, KWC24, KABL21, LYZ+24, LDXJ22, MSG23, MGK+23, MRR+20, MAGR+22, MMRBLN20, MVAD20, MPCG21, MBD+22, NL20, NTHC23, NMGFOB21, OMP+23, OW20, Pre22, RSWS23, RCCLMGV22, RBGB23, RSC+24, RPT21, RAB21, SVK20, SvV21, SACEU+21, SKW23, SWL+23, SC23, SBMG24, TK20a, TBP+23, TRMB20, TCB21, 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** [BGCJ21, HES+20, HES+23, LM21]. **speeds** [Gat21]. **spillover** [MB22]. **spinipes** [KD20]. **Spodoptera** [BSU+23, dAWG23]. **spot** [MZLRSZ21]. **spp** [GGS+22]. **Spread** [BAPW20, AVP+23, BGC+23, CAH22, EVHS21, JB22, LDXJ22, MSLM+24, WHE+24a, WHE+24b]. **spreading** [ABZ22]. **spring** [Che21, LLZM20, Tsy22]. **spring-fed** [Che21]. **Springer** [Mea20]. **spruce** [BG22, SCG+23, STRC24, cNKF24]. **squid** [DvDA24]. **squirrels** [CAB+21]. **St** [MSL+21]. **St.** [KWM+24]. **Stability** [NDNN22, BACS22, CP22, ETAAH21, GWH20, RLM23, SE21, SZL+21, WLWL23]. **stabilize** [Oku21]. **stabilizing** [YA24]. **Stable** [YL22, JvVvHH24]. **stage** [HKG+24, PSM22, QZSV21, dVDC20].

stage-based [HKG+24]. **stage-classified** [dVDC20]. **stage-structured** [PSM22, QZSV21]. **stages** [DIS23, JMHH22, Jia21, MFF+24]. **stakeholder** [DDL+20, NBMD21]. **stamp** [AXMJ22]. **stand** [BLL+23, BLB+20]. **Standard** [Mat23, JGG23, Koo20b, PAB+22]. **standardization** [For24]. **stands** [CSZY+20, CWW+23, EVT+21]. **stanza** [DPC20]. **starfish** [MAB23]. **start** [Tur20]. **starting** [RFHR23]. **starvation** [WWA+22]. **State** [DGSM21, EVHS21, MRR+20, BdCCdSAdS23, FWK+20, HHFB23, JZS+21, NBU+23, OHP+23, RFHR23, RFHR24, RMA+24, ZS20]. **State-** [DGSM21]. **state-and-transition** [OHP+23]. **State-space** [EVHS21, ZS20]. **Stated** [BBCD23]. **States** [CBG+22, JvVvHH24, KNP+21, YA24]. **stationarity** [HSL+22, PWN+24, RSC+24]. **statistical** [CSBS21, RSWS23, VPV21]. **statistics** [CDNN+20]. **status** [AFG24, BS21, PGB+20, RSC+23, WLZ+23a, Yao21]. **steady** [AXMJ22]. **Steller** [RM20]. **step** [EON23, OCT+23, SACEU+21]. **step-by-step** [EON23, SACEU+21]. **sterile** [HLB+20, DBN+22]. **Sterna** [ARSC22]. **stinger** [EWE20]. **stink** [KGBL24]. **Stochastic** [STQ+22, SdlP20, BVM+21, FCFCM24, GWD+23, KAB23a, KWG+22b, LCMB21, NTHC23, PDH+22]. **stochasticity** [vDC20]. **stock** [AJ22, DIS23, YRK+20]. **stock-recruitment** [AJ22]. **stocking** [DP20, JST+22]. **stocks** [FEPR24, MSG+21b, YA24]. **Stocktake** [ECC+22]. **stoichiometric** [AKY+22, CDJ+22, KWG+22b]. **stomatal** [Mas23]. **storage** [PZH+21, RFF+23, TLC+22, WYBX23, XLS20]. **storms** [SMS+24]. **stormwater** [NBML21]. **story** [PSW22]. **Strait** [MPPM23]. **strategic** [GHbS21, RFHR24]. **strategies** [BSU+23, BSE21, CTL22, CC20, DDL+20, HCPG20, LBPL20, MPA+24, MD23, PSM+21, RSC+24, SBMG24, TLL+23, VBH20, WZWF20, WLQ+23, WWCT24]. **strategy** [AXMJ22, BPB+20]. **streak** [SYL+24]. **stream** [BdBG+21a, BdBG+21b, HMDO20]. **Strebel** [GSM+20]. **street** [GZW+20]. **Strengbach** [BPL+20]. **strength** [BWT+24]. **strengths** [CDNN+20]. **stress** [GSJ+22, GRAA22, KFM+23, LCP+20, LBI+20, RFdL+24, RGB22, VVH+20]. **stressed** [MBG+22]. **Stressor** [SGCFB22]. **stressors** [MAB23]. **strong** [RBGB23]. **structural** [BPF24, DAQ20, MFZ23, SBS+20, SBS+21, YZZF22, YEL+21, dFT+20]. **Structure** [LB21, AE22, AM22, AHO+20, BMM22, BSR21, CSB22, DvDA24, JSL+20, KTB+23, KHS+23, LRA+20, LGG+22, LSL20, LW23, MPMT23, MLJ+23, MPPM23, MMC+21, NL20, PDH+22, RRSG21, RWS+21, SZPW23, VSB22, WSFZ21, XFK21, YA24]. **structure-preserving** [AM22]. **structured** [FGM+24, KK20, MBS22, PSM22, QZSV21, WZWF20, WFD23, XYZR21]. **structures** [KSJ22]. **studies** [CdCAC+20, ŁKPK22]. **Study** [DBK20, PSG21, SZ20, YJC+24, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BAR24, BG22, BARF20, Che21, CPTD22, ETAAH21, ENARM+23, GAC+21, Gon23, GSJ+20, HHT21, HCL+22, JLLS23, LPSF24, LP22, LZSQ20, LDZ21, LZF+24, LZL23, LDX+23, LPA+21, LCMB21, MMS+24, MS20, MTT22, MVC+22, OHH+21, OBFH22, OCT+23, PHK23, PAPŁ+23, PMP+21,

PTNR+20, RBGB23, RKN+21, RAB21, SLC+23, SHT21, SG20, SPPC21, SWP+23, SZL+20, TCG+20, TLH+20, TMNA20, WBD+22b, XWZ+22, XHS+24, XMWL23, YKZ+23, ZMK+22, ZHJQ23, ZZQ23, ZLML20, ZLZ+24]. **studying** [DRZ+24]. **subcatchment** [SRTS20]. **subject** [AWW24]. **submarine** [Che21]. **submerged** [NKT+20]. **submodules** [PTF23]. **Subnational** [HLM+20]. **subpinnata** [MTL+23]. **subsidence** [RGD20]. **subsidized** [STQ+22]. **substitutable** [RK20]. **substitution** [QS23]. **subtidal** [GSM+20]. **subtropical** [BGC+24, CLW+24, PZH+21, RGD20, SC21]. **success** [KN20, MJS24, OHP+23, SG20, SKH+20, WZWF20]. **Succession** [YXH20, HSF+20, LM23, SLLW21, ZGG22]. **successional** [FFM+23]. **Sugar** [VLGG+20, AAM+22]. **sugarcane** [BMRF21, MBR+23]. **suggestions** [LCLG20]. **suggests** [MJ24]. **Suitability** [YHC+21, BOLC+22, BHC22, BBSHC22, HK23, ILLM20, JLH+21, KKF+23, LZD+24, ZWL+21]. **Suitable** [HYY+24, YXY+20, BG22, USA21]. **sulfide** [CWW+23]. **sum** [LBN+22]. **Summer** [KFM+23]. **Summit** [PKB+23]. **sums** [DMG22]. **sun** [SPPC21]. **sun-induced** [SPPC21]. **Sungo** [SZL+20]. **sunlight** [ZOJ+23]. **superiority** [GSRB22]. **supersaturated** [CFL+22]. **supply** [GSA24]. **Support** [LZW20, BRC+21, EMH+22, For24, Gri20, MVC+22, NGE+21, PGP+22, WBW+20, ZWZ+20]. **supporting** [GSC+23]. **supports** [RSWS23]. **suppression** [SWL+23]. **surface** [ABC+22, BZZT22, DCT+21, HSJ+20, 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, WBD+22b]. **survivorship** [RAC+24]. **Sus** [KT22]. **Sustainability** [SLY+21, ZMK+22, ABKA24, AAC20, DYW+22, ESCA22, HL23, LL21, LGL+24, MDB+20, MSS24, NGA+24, PHL20, RGRMRR20, RBEC21, TWL+22, WAHA+24]. **Sustainable** [BSE21, LPA+21, ŁJ21, Ano20-49, AKM22, dSCdA21, EON23, GCMU23, HAZEF23, HWS+23, MTZA23, NMV+23, PGB+20, RLM23, SvV21, SSB22, WrJP+22, XHZH24, HL23]. **Suzhou** [BCW+23]. **suzukii** [RRSG21]. **swarming** [LAK+23]. **swarms** [SGV+24]. **Sweden** [BLL+23]. **swimming** [LHDBN20]. **swine** [MD23]. **swirskii** [TCG+20]. **switching** [GWD+23]. **Switzerland** [Mea20]. **sylvatic** [EBMK20]. **sylvatica** [SKW23]. **sylvestris** [EVT+21]. **symbionts** [KKP+21, MGC24]. **symbiosis** [KRMP23, RTH+21]. **sympatric** [Kos22, NMGFOB21]. **symptom** [Gat20]. **synchronized** [KK20]. **synchrony** [GZ23]. **syncronization** [ABZ22]. **synergistic** [MMdP+21]. **synthesis** [TLC+22]. **System** [EL22, LB21, YDQ+23, ABKA24, AM21, BGA+23, CMGD+22, CBSB23, ENARM+23, GLA+20, GM23, HSP+22, HCL+22, HSD+21, HWS+23, HK23, JZHT23, JST+22, KMH+21, KKP+21, KCS22, KLH+24, KWG+22b, Kle23, LZW20, LYM+23, MPSS24, MDB+20, MF20, MMMS23, OSPZ22, PHK23, PAPŁ+23, SQDM21, SM22a, ST24, TSUY23, TK20b, ZLLZ24, CFG+22, DBDR22]. **Systematic** [DK22, ECC+22, dSRDC+23]. **Systems**

[DS21, VLGG+20, ADR21, AGS+21, AGS+22, CXZ+23, DS24, FS22, GMM+24, HSP+22, JPMA+23, JMPB24, KLH+24, LHDBN20, LZSQ20, LCM24, MAD+20, MAN+20, MDB+20, MTW+22, MFPIBGES23, MSG+21b, MBMV20, NGA+24, NWJ+22, OBFH22, PHL20, PMP+21, SC24a, SGPSzC22, SLY+21, SC24b, TQM+24, Tur20, WG21, Wu24, ZJEG24, ZZWF21, ZBH+22].

T. [EBMK20]. **tackle** [DSC+21]. **tadpoles** [CMS+21, PDG+20]. **tagging** [PDD+22]. **tags** [HBMR24]. **Taihang** [ZZLF24]. **tail** [ŁJ21]. **Tailed** [HCW+22, BGK+20, KS22, TBM+24, VRW+21]. **take** [DS23]. **Tana** [TGRM23]. **tangent** [PSZ20]. **Tanzania** [MDP21]. **targeted** [GSJ+20, PEFW20]. **targeting** [MVC+22, TCB21]. **tasks** [AGS+21, AGS+22]. **taxa** [CGRR+24]. **taxes** [SML+20]. **taxonomic** [RBGB23]. **Taylor** [XJW21]. **Teaching** [Por21]. **technique** [CCH20, DBN+22]. **techniques** [ASHK22, BAR20, GM23, HLB+20, SD24, SWP+23, USA21]. **technogenic** [PAPŁ+23]. **technologies** [COJ23]. **teleconnected** [LL21]. **telemetry** [BVR+20, LDC+20]. **temperate** [BGCJ21, BWT+24, CAK+23, KABL21, TDI+20, VK24]. **Temperature** [MBMV20, AJJ24, CRZ+23, DMdR24, GSJ+22, HML+22, JPL21, MGWG22, NGE+21, PGdAM+20, RLH24, SSM24, SBR20, SMS+24, TA20, VJK+23, WBD+22b, YSFX23]. **temperature-** [SBR20]. **temperature-dependent** [HML+22, MGWG22, NGE+21, PGdAM+20]. **temperature-size** [RLH24]. **temperatures** [ABC+22, FWK+20]. **Temporal** [CPTD22, AAAR23, AAAR24, BSR21, DKM+21, EON23, FS22, GSJ+20, HMC20, LRA+20, LCP+20, LSL21, NWO21, NO23, NK23, PAS23, RAC+24, SBR20, WYBX23, ZHWZ23]. **temporally** [BR22]. **tempos** [Ano20-49]. **tendency** [LJP+22]. **tendency-prediction** [LJP+22]. **Tenuipalpidae** [AFdSM23]. **term** [ABH+20, BLB+20, DYMD22, EVHS21, JvVvHH24, JLV+21, JSD+22, PKO+21, RSASP22, SZ20, YSIB24]. **termite** [LPL22a]. **Tern** [ARSC22]. **terrestrial** [ASHK22, LC20, OTR+21, OKS+21, QS23, WHL+23, WWP20, WLZ+23b, ZS20]. **territorial** [BAR24, ŁJ21, MCMP+24]. **territoriality** [TPD+24]. **territories** [CDC+22, KRM+22, MOS21]. **territory** [SM20]. **Test** [HFP22, RFJ+22, SBMG24]. **tested** [FG21]. **Testing** [JMHH22, MDT+23, SM22b, CdCAC+20]. **Tetragastris** [dOPdMdS+21]. **Texas** [YCK20]. **Thanks** [Des21]. **Thau** [PGB+20]. **thawing** [LCW+21]. **their** [BCMV20, CZ21, DZBB24, FSZ+20, FZS+20, FHP+22, GMM+24, HHFB23, Jia21, LZL22, OKS+21, RRFLV+22, SINS22, YD20, ZFC+23]. **theorem** [Men22]. **Theoretical** [MAN+20, BMS+20, GRS+20, KAB+23b, LAC+24]. **Theory** [Ano20-51, VLGG+20, CIL+20, DYW+22, GLA+20, HFP20, LPL22b, LSG21, MTS+20, MBMV20, PSW22, RLH24, SGLK20, SACE+20, XJW21, XHS+24, ZSS20]. **Thermal** [Che22, MGWG22, Che21, 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]. **threats** [GHbS21]. **Three** [NBML21, ABB23, LWE+22, LPHO+20, NSS+23, PCN+23, PCK+22, TWL+22, WA20, YLS+21, XWX+24]. **Three-dimensional** [NBML21, ABB23, LWE+22, TWL+22, YLS+21]. **threshold** [HH23]. **thresholds** [HKH+20, TA20]. **thrips** [CMSD+22]. **Thunnus** [DPC20]. **Tianjin** [LZF21, LW23]. **Tianshan** [ZLLZ24]. **Tibet** [ALS+21, LWL24, WLZ+23a, Yu20, YJC+24]. **Tibetan** [ZPZ+22]. **tick** [AV22, EBS23]. **tick-borne** [AV22]. **ticks** [WBD+22b]. **tidal** [BdBG+21a, BdBG+21b, KSJ22]. **tides** [SRB+20]. **tier** [OMC+24]. **Tiezzi** [Ano20-49]. **tiger** [AAAR23, AAAR24]. **tilapia** [DMPLHGL20]. **tillage** [GAMN+23, YLLL23]. **timber** [XLS20]. **time** [BAAN24, DMG22, HMC20, Jia21, LCP+20, LJP+22, LHL22, MLV24, MM21, RLM23, SE22]. **time-averaged** [HMC20]. **time-dynamic** [BAAN24]. **time-scales** [RLM23]. **timescale** [AAR23]. **timescales** [MSML21]. **Timing** [BVM+21, CGB+23, FS22, LAK+23, LBGD21]. **Titicaca** [DVVH21]. **tool** [GZK+20, MGK+23, MPC+22, MS23, MM21, NMC+20, OEC24]. **tools** [Yao21]. **Tooth** [MSG21a]. **top** [CDN+23, KKH+24]. **Topological** [LDR+20]. **Topology** [MEPJ21]. **topsoil** [VPAV22]. **total** [PRM+24]. **tourism** [GCS+21, LL21]. **tower** [ASHK22]. **tox** [AVRC+20]. **toxic** [PAPŁ+23]. **toxicants** [MMS+24]. **toxicity** [BMS+20, CBSB23]. **toxicodynamic** [JGG23]. **toxicokinetic** [JGG23, MLP+20]. **toxicokinetic-toxicodynamic** [JGG23]. **toxin** [CMKF22]. **toxoid** [LPSF24]. **tracking** [LWE+22, SJH+23, WSW23, ZWZ+20]. **Trade** [JHL23, PF23, BBIP24, CSCT23, CP20, DSC+21, LMW+23a, NO24, Pér24, SML+20, ZLML20]. **trade-off** [BBIP24, CSCT23, CP20, NO24, Pér24]. **Trade-offs** [JHL23, PF23, DSC+21]. **tradeoff** [RTH+21]. **tradeoffs** [LGA+21]. **traditional** [NGA+24]. **trained** [HFSL+24]. **training** [MS20]. **trait** [BDC+22, HHT21, Mur24, RFJ+22, ZMS20]. **trait-** [ZMS20]. **trait-based** [BDC+22, Mur24, RFJ+22]. **traits** [AVP+23, CMGD+22, CLW+24, EHS+20, GRCSA+20, HKSM23, PKO+21, 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]. **transfers** [KKP+21, SML+20]. **transformed** [GCMU23, MPMT23]. **Transient** [CTL22, ZZZD22]. **transit** [MLV24]. **Transition** [MT23, OHP+23, TTPA21]. **Transitioning** [Ano20-51]. **transitions** [HCX+21, KMP+23]. **transmission** [CLHZ22, EBMK20, KE24, KS22, LGFT+20, MSLM+24, MD23, RWS+21, TLL+23, TBM+24, ZXK+24, vWVH20]. **transmitted** [MMMS23]. **TransparC2U** [CM21]. **transpiration** [HFP22, ZFC+23]. **transport** [BdBG+21a, BdBG+21b, CMFC23, LWE+22, SPB+24, WPL+23, MLJ+23]. **transportation** [LPL22a]. **trap** [AP22]. **traps** [HI22]. **travel** [Lef23].

treatment [BSU+23, LZL22, MKN23]. **treatments** [GAMN+23]. **Tree** [HHI+22, dSMPA+22, ABRG21, CAK+23, CAK+24, CNSK21, DMG22, HHBF24, HBRK24, HFP22, JMC+22, LGG+22, LPS+21, MRR+20, MLJ+23, PVS+21, PPH+21, PKO+21, Pre22, SLHB+23, SKW23, SCH+21, SBR20, VJK+23, WHE+24a, WHE+24b, WHL+23, WYBX23, ZOJ+23, ZLL+23]. **tree-based** [WYBX23]. **tree-level** [PPH+21]. **tree-species-shifting** [HBRK24]. **treehopper** [PTBFP+20]. **treeline** [BS20]. **trees** [AMP+23, FG21, GHK23, GSMD24, IA23, LDR+20, LMW+23b, YCI20]. **trend** [AFG24]. **trends** [CZ21, dSRDC+23, RAC+24, SDP23, ZPZ+22]. **trials** [NS20]. **triangulifer** [KFJS20]. **Triatoma** [FC21]. **Tribolium** [dVDC20]. **tributaries** [MSL+21]. **Trichodesmium** [ABR24]. **triggered** [CMKF22, CLH23, RTH+21]. **tripartite** [WLWL23]. **triplet** [ABKA24]. **TRIPLEX** [LPS+21]. **TRIPLEX-Mortality** [LPS+21]. **Triticum** [GGS+22]. **tritrophic** [BMBB24, PVS+21]. **Trojan** [BPB+20]. **Trophic** [KKH+24, OHR+23, BdCCdSAdS23, BNN20, FWK+20, GLA+20, HK23, LPL22b, MZLRSZ21, PCK+22, RSC+21, SBS+20, WSFZ21, vdHNH+20]. **tropical** [BSS+24, BH21, DBV+22, FG21, HLB+20, MAGR+22, MHP+23, PYD+21a, PYD+21b, PKO+21, SKPL24, SPPC21, TSUY23, WGMR23, XJW21]. **tropics** [AMK21, RFJ+22]. **truthing** [ABC+22]. **tsetse** [GVG+23]. **tshawytscha** [BLLL21]. **Tumen** [JHL23, TLH+20]. **tuna** [DPC20, NPK+23, PDD+22]. **tuning** [Fou21]. **tunnel** [LPL22a]. **turbidity** [SZ20]. **turbine** [PM22, STQ+22]. **turbine-scale** [STQ+22]. **turbulence** [WSW23]. **turbulent** [LWE+22, TMNA20]. **turning** [Ano20-49]. **turnoff** [BACS22]. **turnover** [AG22]. **turtle** [CRZ+23, KABL21, LHDBN20, MZLRSZ21]. **turtles** [GDC24, LHH+24, II24, PTD+23, SPB+24, SMV+20]. **Tuscany** [LPA+21]. **TVDI** [RFdL+24]. **TVDI-based** [RFdL+24]. **two** [AKM22, CM21, CWW+23, DKM+21, DPC20, KABL21, Kos22, LHDBN20, LYZ+24, MBR+23, NMGFOB21, PWN+24, TCG+20, WG21, WTT+21, ZHC23]. **two-pool** [CM21]. **two-stanza** [DPC20]. **type** [AM21, AACCIS20, ETAAH21, Fat21, LLW+21, SQDM21]. **types** [BRSW24, Sak23, SINS22, YYS+22, dAdSCA20]. **typhoon** [PZH+21]. **Typical** [WXT+20, MFZ23].

U.S [LUV+23]. **Ubatuba** [OBFH22]. **Ulloa** [MZLRSZ21]. **Ulva** [LFN+20, SRB+20]. **uncertain** [VRS20, YSIB24]. **uncertainties** [CM21]. **Uncertainty** [HAZEF23, AAR23, KKF+23, LDX+23, LKO20, MLP+20, MKB+24, NMS24, SACE+20, TKO+22]. **underestimate** [MBD+22]. **Undergraduate** [Por21]. **Underlying** [ZXK+24, CLH23, CL24, GSH+22]. **underpinning** [EL21]. **understand** [CDNN+20, DAQ20, MFPIBGES23, MPMT23, ZMS20]. **Understanding** [CFG+22, HSP+22, Por21, PCK+22, ZOJ+23, PTG+20, PGSL+20, SBWB24]. **Understory** [HHI+22, MLJ+23]. **underwater** [KCHZ21, SHF24]. **uneven**

[JS22]. **Unfolding** [AS22, LMW+23a]. **ungulate** [HBRK24]. **unified** [FMRMAS24, LMNV20]. **unimodal** [CLHZ22]. **United** [Pas21, CBG+22, YA24]. **units** [LJ21, SRTS20]. **universal** [GAM20]. **Unlocking** [CAS+24]. **unmarked** [HI22]. **unpredictability** [cNKF24]. **Unraveling** [BMBB24]. **unravels** [vdHNH+20]. **unsampled** [MGK+23]. **update** [Gri20]. **updraft** [STQ+22]. **updraft-subsidized** [STQ+22]. **upgradation** [LZL22]. **upland** [MKEH20]. **upon** [FAC22]. **Upper** [TGRM23, DYW+22, SD24, XMWL23]. **upregulated** [MJ24]. **upscaling** [VPV21]. **upstream** [KTB+23]. **uptake** [CWW+23, GSJ+22, JMC+22]. **upwelling** [AACCIS20, GGE+23]. **Upwind** [SGV+24]. **urban** [AXMJ22, BAPW20, BCW+23, BBCD23, CLY+23, DBDR22, EL22, EON23, GZW+20, JHL23, LL21, MFZ23, MPSS24, MKEH20, MTZA23, MMMS23, OBFH22, RBEC21, SBF+21, SCH+21, SSJC23, ST24, USA21, WZZF23, XWZ+22, YZZF22, ZYK22, ZHWZ23, dMT23]. **urbanization** [BH21, QS23, YZZF22]. **urbanizing** [SZPW23]. **urchin** [APGD+21, GGMR20]. **Uruguayan** [DP20]. **USA** [AAR23, HH23, ZFT20, ZRMW+20]. **usages** [AZBdAI23]. **Use** [ACFM22, BM22b, GML+20, LDX+23, MTP+20, dRMJdS23, TLH+20, ACZ+21, CP22, DSC+21, DWG22, 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, ZLLZ24]. **use/cover** [COS23]. **use/land** [WWC+22]. **user** [CM21]. **uses** [TGL+22]. **Using** [BPF24, BAAN24, BWT+24, CSMP21, DAQ20, FDSM20, GLA+20, HCL+22, HLS+23, JGG23, JZJ+20, KAMS22, KFM+23, LPSF24, MSG21a, MSG23, MCMP+24, MPMT23, MBD+22, NGE+21, OHP+23, TTPA21, AJG22a, ABKA24, ASHK22, AJG22b, AMP+23, AHO+20, 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, CKC+24, DTR+22, DDH+22, DMM+23, DAB+20, EWE20, GM23, GCSlR22, GCS+21, GRCSA+20, GWH20, HBP+21, HKB+20, HSJ+20, HBC+22, HGBK23, HMDO20, HBRK24, HLM+20, ILLM20, Ino22, II24, IBB+21, IBB+22, JB22, JLV+21, JPL21, JLLS23, KiAM+20, KRM+22, KS22, KWP+23, LE23, LUV+23, LLB+23, Lia23, LZL22, LGA20, LAC+24, MLL20, MMS+24, MPSS24, MLJ+23, MSS24, NWO21, NGA+24, NHGP23, NA22]. **using** [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, STW+23, SHF24, SWP+23, SJH+23, SC23, SM22b, TK20a, TMFV22, USA21, VLGG+20, VMM+21, WLQ+23, WSW23, WA20, WSL+22, XLS20, YKZ+23, Yu20, YCI20, YDLT24, ZOJ+23, ZSS20, ZFT20, ZSS21, ZPZ+22, ZLLZ24, dGZHCA24, dKS22]. **Utilization** [GAMN+23, DDG+21, HLW+20, Vas20]. **Utilizing** [KKW+21, 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, WWF+23]. **Valuation** [SAdA+22]. **Value** [DS21, LB21, BARF20, CL21, GPN+23, LC20, Men22, WFW+24, YZF20]. **valued** [RUTY23]. **values** [CLY+23]. **vannamei** [dMFOM+20]. **Variability** [VN23, CFG+22, FTH24, FS22, HHT21, HMC20, KD20, MSML21, MLP+20, MPL+20, NK23, PYD+21a, PYD+21b, PCK+22, SLYL+20, WBD+22a]. **Variable** [CKK+24c, NTHC23]. **variables** [AXMJ22, ALJ+22, BRC+21, DMG22, MRR+20, PPSS22, RCSS20]. **Variance** [vDC20]. **variation** [APF21, BSR21, CMFC23, CSM23, HGBK23, KAB23a, KABL21, LDX+23, Oku21, XJW21]. **variations** [NWO21]. **variety** [LZD+24]. **various** [DBK20, GAMN+23, MFZ23, SBMG24, WBD+22b]. **Varroa** [MMC+21]. **vary** [FWK+20]. **varying** [COPM23]. **vector** [KWG+22a, MSLMM22, OW20, TK20a]. **vectored** [RLS+24]. **vectoring** [MGC24]. **vegetable** [AAC20, ZBH+22]. **Vegetation** [WXT+20, BKTM20, BWCD23, CWY+24, CGV22, DDDC21, ETAAH21, ERP21, FMRMAS24, FSZ+20, FZS+20, JPL21, LYC+21, LCW+21, LHJ+24, LWL24, LMW+23b, MKEH20, NKT+20, QS23, WHW+23, 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]. **via** [BdBG+21a, BdBG+21b, HZ22, KBAC20, LGA+21, PF23, WLY+23, ZWZ+20, GML+20]. **Viability** [OSPZ22, AZBdAI23, CDT+23, HKG+24, 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]. **virginianus** [KS22]. **virtual** [HHFB23]. **virulence** [Hop23]. **virus** [BGC+23, KWG+22a, SYL+24]. **viscous** [DLY+22]. **visual** [RBEH21, vWVH20]. **Visualizing** [YDLT24]. **volatile** [Koo24b]. **vole** [VSK+20]. **Volterra** [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].

Waard [PRdN+20]. **wading** [YDLT24]. **walk** [ABB23, PDD+22]. **walks** [AP22, BMB24, HBC+22]. **Wanggu** [JASW23]. **Wanhe** [DZC+23a, DZC+23b]. **Want** [SACEU+21]. **war** [MKN23]. **Warm** [Des21, PA20]. **warming** [Che22, KPLH24, LhNA+21, MTL+23, TRMB20, ZFT20, ZZŠ+22, ZRMW+20, LhNA+22]. **warning** [WSFZ21]. **Was**

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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`.

Anonymous:2021:EBp

[Ano21-40] Anonymous. Editorial Board. *Ecological Modelling*, 454 (??):??, August 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002039`.

Anonymous:2021:EBq

[Ano21-41] Anonymous. Editorial Board. *Ecological Modelling*, 455 (??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002271`.

Anonymous:2021:EBr

[Ano21-42] Anonymous. Editorial Board. *Ecological Modelling*, 456 (??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002556`.

Anonymous:2021:EBs

[Ano21-43] Anonymous. Editorial Board. *Ecological Modelling*, 457 (??):??, October 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002702`.

Anonymous:2021:EBt

[Ano21-44] Anonymous. Editorial Board. *Ecological Modelling*, 458(??): ??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002969`.

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

[Ano21-46] Anonymous. Editorial Board. *Ecological Modelling*, 460 (??):??, November 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003185`.

Anonymous:2021:EBw

[Ano21-47] Anonymous. Editorial Board. *Ecological Modelling*, 461(??): ??, December 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100332X`.

Anonymous:2021:EBx

[Ano21-48] Anonymous. Editorial Board. *Ecological Modelling*, 462 (??):??, December 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003537`.

Anonymous:2022:Aa

[Ano22a] Anonymous. April 2022. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2022:Ab

[Ano22b] Anonymous. August 2022. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2022:D

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

Anonymous:2022:EBa

[Ano22d] Anonymous. Editorial Board. *Ecological Modelling*, 463 (??):??, January 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003732`.

Anonymous:2022:EBb

[Ano22e] Anonymous. Editorial Board. *Ecological Modelling*, 464 (??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021004038`.

Anonymous:2022:EBc

[Ano22f] Anonymous. Editorial Board. *Ecological Modelling*, 465(??): ??, March 2022. CODEN ECMODT. ISSN 0304-3800 (print),

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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

[Ano22i] Anonymous. Editorial Board. *Ecological Modelling*, 468(??): ??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022001041.

Anonymous:2022:EBg

[Ano22j] Anonymous. Editorial Board. *Ecological Modelling*, 469(??): ??, July 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022001363.

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

[Ano22l] Anonymous. Editorial Board. *Ecological Modelling*, 471 (??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022001910.

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

[Ano22n] Anonymous. Editorial Board. *Ecological Modelling*, 473 (??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002629`.

Anonymous:2022:EBl

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

Anonymous:2022:F

[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

[Ano22r] Anonymous. July 2022. *Ecological Modelling*, 469(??):??, July 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2022:Jb

[Ano22s] Anonymous. June 2022. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2022:Ma

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

Anonymous:2022:Mb

[Ano22u] Anonymous. May 2022. *Ecological Modelling*, 467(??):??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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

[Ano23a] Anonymous. April 2023. *Ecological Modelling*, 478(??):??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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).

Anonymous:2023:EBa

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

Anonymous:2023:EBb

[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

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

Anonymous:2023:EBe

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

Anonymous:2023:EBf

[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:EBa

[Ano24c] 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

[Ano24d] 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

[Ano24e] 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

[Ano24f] 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

[Ano24g] 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

[Ano24h] 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

[Ano24i] 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

[Ano24j] 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:F

[Ano24k] Anonymous. February 2024. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2024:Ja

[Ano24l] Anonymous. January 2024. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2024:Jc

[Ano24m] Anonymous. July 2024. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2024:Jb

[Ano24n] Anonymous. June 2024. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2024:Ma

[Ano24o] Anonymous. March 2024. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

Anonymous:2024:Mb

[Ano24p] Anonymous. May 2024. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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[APGD+21] Margot Arnould-Pétré, Charlène Guillaumot, Bruno Danis, Jean-Pierre Féral, and Thomas Saucède. Individual-based model of population dynamics in a sea urchin of the Kerguelen Plateau (Southern Ocean), *Abatus cordatus*, under changing environmental conditions. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030418X`.

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[ARSC22] Roxiris A. Azuaje-Rodríguez, Sofia Marques Silva, and Caio J. Carlos. Not going with the flow: Ecological niche of a migratory seabird, the South American tern *Sterna hirundinacea*. *Ecological Modelling*, 463(??):??, January 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003495`.

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[AS22] Mohammad AlAdwani and Serguei Saavedra. Feasibility conditions of ecological models: Unfolding links between model parameters. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000266`.

Abbasian:2022:MTN

[ASHK22] Hassan Abbasian, Eisa Solgi, Seyed Mohsen Hosseini, and Seyed Hossein Kia. Modeling terrestrial net ecosystem exchange using machine learning techniques based on flux tower measurements. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000278`.

Apetrei:2024:IRS

[ASKR24] Cristina I. Apetrei, Nikita Strelkovskii, Nikolay Khabarov, and Valeria Javalera Rincón. Improving the representation of smallholder farmers' adaptive behaviour in agent-based models: Learning-by-doing and social learning. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003393`.

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Alsamadisi:2020:EIA

[ATP20] Adam G. Alsamadisi, Liem T. Tran, and Monica Papeş. Employing inferences across scales: Integrating spatial data with different resolutions to enhance `Maxent` models. *Ecological Modelling*, 415(??):??, January 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303655`.

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Andrianova:2023:MSN

[AVP+23] Elena Andrianova, Ivan Vladimirov, Olga Pavlova, Eugene Skrebnikov, and Denis Bogomaz. Modeling of the spread of non-adaptive traits in a natural population due to self-compatibility. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300128X`.

Accolla:2020:DTD

[AVRC+20] Chiara Accolla, Maxime Vaugeois, Pamela Rueda-Cediel, Adrian Moore, Gonçalo M. Marques, Purvaja Marella, and Valery E. Forbes. DEB-tox and data gaps: Consequences for individual-level outputs. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301794`.

An:2024:FSS

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Ai:2022:EMF

[AXMJ22] Bin Ai, Dixiang Xie, Shifa Ma, and Haiyan Jiang. An EasyCA model with few steady variables and clone stamp strategy for simulation of urban growth in metropolitan areas. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000709`.

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[CDNN+20] Magda Chudzinska, Yoko L. Dupont, Jacob Nabe-Nielsen, Kate P. Maia, Marie V. Henriksen, Claus Rasmussen, W. Daniel Kissling, Melanie Hagen, and Kristian Trøjelsgaard. Combining the strengths of agent-based modelling and network statistics to understand animal movement and interactions with resources: example from within-patch foraging de-

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[CGB+23] Emilio Mora Van Cauwelaert, Cecilia González González, Denis Boyer, Zachary Hajian-Forooshani, John Vandermeer, and Mariana Benítez. Dispersal and plant arrangement condition the timing and magnitude of coffee rust infection. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003040`.

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

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

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[CKC+24] S. A. Cushman, K. Kilshaw, R. D. Campbell, Z. Kaszta, M. Gaywood, and D. W. Macdonald. Comparing the performance of global, geographically weighted and ecologically weighted species distribution models for Scottish wildcats using GLM and Random Forest predictive modeling. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000796`.

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

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

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[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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[CNNS+21] Magda Chudzinska, Jacob Nabe-Nielsen, Sophie Smout, Geert Aarts, Sophie Brasseur, Isla Graham, Paul Thompson, and Bernie McConnell. AgentSeal: Agent-based model describing movement of marine central-place foragers. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304610`.

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

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

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

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[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].

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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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[DMM+23] Soumen Dey, Ehsan Moqanaki, Cyril Milleret, Pierre Dupont, Mahdieh Tourani, and Richard Bischof. Modelling spatially autocorrelated detection probabilities in spatial capture-recapture using random effects. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000522`.

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[DP20] Francisco José Dieguez and Marcelo Pereira. Uruguayan native grasslands net aerial primary production model and its application on safe stocking rate concept. *Ecological Modelling*, 430(??):??, August 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301320`.

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

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[DZC+23a] Rui Ding, Xiaoke Zhang, Minmin Chen, Yuxi Lian, and Daoping Yu. Corrigendum to 'Vorticity preference of the Yangtze finless porpoise (*Neophocaena asiaeorientalis*) during the dry season at the Wanhe River Estuary conflu-

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

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[FC21] S. A. Ferrieres and C. A. Condat. A population model for *Triatoma infestans* in chicken coops. *Ecological Modelling*, 460(??):??, November 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003021`.

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[FCFCM24] Javier Falgueras-Cano, Juan-Antonio Falgueras-Cano, and Andrés Moya. The influence of stochastic fluctuations on population dynamics: an *in-silico* approach. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000565`.

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

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

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[FHP+22] Tucker J. Furniss, Paul F. Hessburg, Nicholas A. Povak, R. Brion Salter, and Mark S. Wigmosta. Predicting future patterns, processes, and their interactions: Benchmark calibration and validation procedures for forest landscape models. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022002022.

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

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[FMH+20] L. I. N. Fan, D. U. Meirong, L. I. U. Hui, F. A. N. G. Jianguang, Asplin Lars, and J. I. A. N. G. Zengjie. A physical–biological coupled ecosystem model for integrated

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[JJN22] Ashish Jha, Praveen J., and P. O. Nameer. Contrasting occupancy models with presence-only models: Does accounting for detection lead to better predictions? *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022002083.

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[JL23] Duojie Jiabu and Weide Li. Impact of different invasion methods of invasive species on omnivorous food webs. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003155`.

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[JLV+21] Pramod Jha, Brij Lal Lakaria, AK Vishwakarma, RH Wanjari, M. Mohanty, Nishant K. Sinha, J. Somasundaram, GS Dheri, AK Dwivedi, Raj Paul Sharma, Muneshwar Singh, RC Dalal, AK Biswas, AK Patra, and SK Chaudhari. Modeling the organic carbon dynamics in long-term fertilizer experiments of India using the Rothamsted carbon model. *Ecological Modelling*, 450(??):??, June 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001320`.

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

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

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

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

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

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

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[JSD+22] Ruth Joy, Robert S. Schick, Michael Dowd, Tetyana Margolina, John E. Joseph, and Len Thomas. A fine-scale marine mammal movement model for assessing long-term aggregate noise exposure. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003422`.

Joseph:2020:SEM

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

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

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[JTH24] Bas Jacobs, Hilde Tobi, and Geerten M. Hengeveld. Linking error measures to model questions. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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

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[JZHT23] Baoying Jiang, Guirong Zhang, Ning He, and Ruiqi Tan. Analytical model for pullout behavior of root system. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000248.

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

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[JZS+21] Kamil Janiak, Bartosz Zięba, Ryszard Szetela, Mateusz Muszyński-Huhajło, Stanisław Miodoński, Anna Jurga, and

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[KAB23a] Md Aktar Ul Karim, Vikram Aithal, and Amiya Ranjan Bhowmick. Random variation in model parameters: a comprehensive review of stochastic logistic growth equation. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002053`.

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

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[KABL21] Matthew G. Keevil, Doug P. Armstrong, Ronald J. Brooks, and Jacqueline D. Litzgus. A model of seasonal variation in somatic growth rates applied to two temperate turtle species. *Ecological Modelling*, 443(??):??, March 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000272`.

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

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[KAT+22] Anika Kuczynski, Martin T. Auer, William D. Taylor, Steven C. Chapra, and Marcel Dijkstra. Keeping up with the math: Advancing the ecological foundation of the Great Lakes *Cladophora* model. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002198`.

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

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

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

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

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

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

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

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

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

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

Kamkar:2023:EHS

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

Klagkou:2024:DEB

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

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[KHH+22] Jens Krause, Mike Harfoot, Selwyn Hoeks, Peter Anthoni, Calum Brown, Mark Rounsevell, and Almut Arneth. How more sophisticated leaf biomass simulations can increase the realism of modelled animal populations. *Ecolog-*

ical Modelling, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001697`. See corrigendum [KHH+24].

Krause:2024:CHM

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

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

Kong:2023:AAW

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

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

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

Kim:2023:AFS

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

Kokkonen:2024:ETP

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

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

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[KKPR20] Young Shin Kwon, Hyoun-Woo Kang, Luca Polimene, and Tae Siek Rhee. A marine carbon monoxide (CO) model with a new parameterization of microbial oxidation. *Ecological Modelling*, 432(??):??, September 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302738`.

Kim:2021:UML

[KKW+21] Tae Kyung Kim, Sukyung Kim, Myoungsoo Won, Jong-Hwan Lim, Sukhee Yoon, Keunchang Jang, Kye-Han Lee, Yeong Dae Park, and Hyun Seok Kim. Utilizing machine learning for detecting flowering in mid — range digital repeat photography. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304774`.

Kooijman:2020:EBP

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

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

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

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[KLNMG22] Mélodie Kunegel-Lion, Eric W. Neilson, Nicolas Mansuy, and Devin W. Goodsman. Habitat quality does not predict animal population abundance on frequently disturbed landscapes. *Ecological Modelling*, 469(??):??, July 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000643`.

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[MBB20] Katherine J. Morrice, António M. Baptista, and Brian J. Burke. Environmental and behavioral controls on juvenile

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[MCMP+24] Ana Teresa Marques, Tiago Crispim-Mendes, Luís Palma, Ricardo Pita, Francisco Moreira, and Pedro Beja. Using individual-based demographic modelling to estimate the impacts of anthropogenic mortality on territorial predators. *Ecological Modelling*, 493(??):??, July 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001406`.

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[MDT+23] Elisa Marchetto, Daniele Da Re, Enrico Tordoni, Manuele Bazzichetto, Piero Zannini, Simone Celebrin, Ludovico Chieffallo, Marco Malavasi, and Duccio Rocchini. Testing the effect of sample prevalence and sampling methods on probability- and favourability-based SDMs. *Ecological Modelling*, 477(??):??, March 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022003465`.

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[MEPJ21] Ágnes Móréh, Anett Endrédi, Sándor Imre Piross, and Ferenc Jordán. Topology of additive pairwise effects in food webs. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304737`.

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[MFH+22] Jia-Nan Meng, Hongwei Fang, Lei Huang, Guojian He, Xiaobo Liu, Changyi Xu, Xinghua Wu, and Donald Scavia. Multidimensional ecosystem assessment of Poyang Lake under anthropogenic influences. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002356`.

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[MFZ23] Wen Ma, Zhuoqiong Fang, and Xiangfeng Zhang. Comparative analysis of structural characteristics of China's 18 typical urban agglomerations based on flows of various elements. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000364`.

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[MGC24] Sandra Y. Mendiola, Nicole M. Gerardo, and David J. Civitello. Ecological modeling evaluates the potential impacts of symbionts on plant pathogen vectoring in field populations. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002715`.

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[MGdM+20] Daniel Montoya, Sabrina Gaba, Claire de Mazancourt, Vincent Bretagnolle, and Michel Loreau. Reconciling biodiversity conservation, food production and farmers' demand in agricultural landscapes. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303977`.

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[MGWG22] Jonathan R. Monsinjon, Jean-Michel Guillon, Jeanette Wyneken, and Marc Girondot. Thermal reaction norm for sexualization: the missing link between temperature and sex ratio for temperature-dependent sex determination. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002204`.

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[MHP+23] Eliott Maurent, Bruno Hérault, Camille Piponiot, Géraldine Derroire, Diego Delgado, Bryan Finegan, Mélaine Aubry Kientz, Bienvenu H. K. Amani, and Marie Ange Ngo Bieng. A common framework to model recovery in disturbed

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[MJ24] Karl Mauritsson and Tomas Jonsson. A new mechanistic model for individual growth suggests upregulated maintenance costs when food is scarce in an insect. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000917`.

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[MJdORPG23] Gilberto Muniz-Junior, Fábio de Oliveira Roque, Aliny PF. Pires, and Rafael D. Guariento. Are lower pesticide doses better? An evolutionary perspective on integrated pest management. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001394`.

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[MJS24] Ágnes Móréh, Ferenc Jordán, and István Scheuring. Effects of joint invasion: How co-invaders affect each other's success in model food webs? *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001236`.

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[MKR20] Antonino Marvuglia, Rembrandt Koppelaar, and Benedetto Rugani. The effect of green roofs on the reduction of mortality due to heatwaves: Results from the application of a spatial microsimulation model to four European cities. *Ecological Modelling*, 438(??):??, December 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304178`.

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[MLJ+23] Jenna S. McDanold, Rodman R. Linn, Alex K. Jonko, Adam L. Atchley, Scott L. Goodrick, J. Kevin Hiers, Chad M. Hoffman, E. Louise Loudermilk, Joseph J. O'Brien, Russell A. Parsons, Carolyn H. Sieg, and Julia A. Oliveto. DUET — Distribution of Understory using Elliptical Transport: a mechanistic model of leaf litter and herbaceous spatial distribution based on tree canopy structure. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001564`.

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[MLL20] Wu Ma, Guang Lin, and Jingjing Liang. Estimating dynamics of central hardwood forests using random forests. *Ecological Modelling*, 419(??):??, March 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300193`.

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

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

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

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

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

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[PVS+21] Sonia Pappalardo, María Villa, Sónia A. P. Santos, Jacinto Benhadi-Marín, José Alberto Pereira, and Ezio Venturino. A tritrophic interaction model for an olive tree pest, the olive moth — *Prays oleae* (Bernard). *Ecological Modelling*, 462(??):??, December 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003240`.

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[PWN+24] Guoliang Pan, Ho Yi Wan, David R. Nash, Kun Shi, and Samuel Cushman. Snow leopards exhibit non-stationarity in scale-dependent habitat selection between two national protected areas in China. *Ecological Modelling*, 494(??):??, August 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024001479`.

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

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

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

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

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

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[RBLS23] Anu Rai, Tawqir Bashir, Elio Guarionex Lagunes–Díaz, and Bibek Shrestha. Modeling Ganges river dolphin distribution and prioritizing areas for efficient conservation planning — a range-wide assessment. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002300090X.

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rian Hartig, Annikki Mäkelä, Rasoul Yousefpour, Jimena E. Chaves, Alicia Palacios-Orueta, Marta Benito-Garzón, Cesar Morales-Molino, J. Julio Camarero, Alistair S. Jump, Jens Kattge, Aleksi Lehtonen, Andreas Ibrom, Harry J. F. Owen, and Miguel A. Zavala. Available and missing data to model impact of climate change on European forests. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303783`.

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

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

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

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[RFHR24] Rodrigo Riera, Brian D. Fath, Ada M. Herrera, and Ricardo A. Rodríguez. A strategic roadmap for interdisciplinary modeling in ecology: the result of reading *Defining an ecological equation of state: Response to Riera et al. 2023* (Newman et al., 2023). *Ecological Modelling*, 490(??):??, April 2024.

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

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

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

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

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

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[SMS+24] Tim M. Szewczyk, Pippa J. Moore, Dan A. Smale, Thomas Adams, and Michael T. Burrows. Mechanistic simulations of kelp populations in a dynamic landscape of light, temperature, and winter storms. *Ecological Modelling*, 488(??):??,

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

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

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[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`.

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[SPV+21] Michiel Stock, Niels Piot, Sarah Vanbesien, Joris Meys, Guy Smagghe, and Bernard De Baets. Pairwise learning for predicting pollination interactions based on traits and phylogeny. *Ecological Modelling*, 451(??):??, July 1, 2021. CO-

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[WLQ+23] Chenchen Wang, Jing Li, Chunsheng Qiu, Lei Wang, Xiao Su, Panpan Huang, Na He, Liping Sun, Yaohui Bai, Chaocan Li, and Yufei Wang. Multimedia fates and ecological risk control strategies of phthalic acid esters in a lake recharged

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