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

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03 July 2024
Version 1.44

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, LJ21, 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** [ŁJ21, 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`.

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

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[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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[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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[GAMN+23] Aboalghasem Gheisari, Mohammad Reza Asgharipour, Mohsen Mousavi-Nik, Ahmad Ghanbari, and Mohammad Ali

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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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[JMM+20] Alison Johnston, Nick Moran, Andy Musgrove, Daniel Fink, and Stephen R. Baillie. Estimating species distributions from spatially biased citizen science data. *Ecological Modelling*, 422(??):??, April 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380019304351.

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

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

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

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

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

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

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

Kamkar:2023:EHS

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

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

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

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].

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

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

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

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

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[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`.

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

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

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

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

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[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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[KLPJ24] Jasmine A. F. Kreig, Suzanne Lenhart, Eduardo Ponce, and Henriette I. Jager. Agent-based modeling to evaluate the effects of harvesting biomass and hunting on ring-necked pheasant (*Phasianus colchicus*) populations. *Ecological Modelling*, 492(??):??, June 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000930`.

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[MAD+20] Julien J. Malard, Jan Franklin Adamowski, Marcela Rojas Díaz, Jessica Bou Nassar, Nallusamy Anandaraja, Héctor Tuy, Luís Andrés Arévalo-Rodriguez, and Hugo Ramiro Melgar-Quiñonez. Agroecological food web modelling to evaluate and design organic and conventional agricultural systems. *Ecological Modelling*, 421(??):??, April 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300338`.

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[MAN+20] Julien Malard, Jan Adamowski, Jessica Bou Nassar, Nallusamy Anandaraja, Héctor Tuy, and Hugo Melgar-Quiñonez. Modelling predation: Theoretical criteria and empirical evaluation of functional form equations for predator–prey systems. *Ecological Modelling*, 437(??):??, December 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303343`.

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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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[MFPIBGES23] Julia Martínez-Fernández, Irene Pérez-Ibarra, Isabel Banos-González, and Miguel Angel Esteve-Selma. Social-ecological systems modelling to understand the linkages between water, agriculture and rural systems. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001060.

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

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[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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[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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[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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[WLZ+23a] Qianqian Wang, Pengcheng Li, Wenming Zhang, Nan Cong, Yuqian Xi, Lirong Xiao, Yihang Wang, and Weiwei Yao. Evaluating the cascade dam construction effects on endemic fish habitat and population status in spawning sites of Lancang River (in Tibet), China. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001813.

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