

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

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Title word cross-reference

1 [WSW23]. **\$142.20** [Pas21]. 3 [CGVC21, PMP⁺21, PM22, VRRI⁺24].
\$84.99 [Mea20]. 10 [MBMV20, NSS⁺23, SBF⁺21]. 2
[AAR23, CCH20, GAMN⁺23, HKSM23, PG23, YLLL23, ZFT20, ZBH⁺22]. 4
[GAMN⁺23]. *mix* [XLS20]. *a* [LKP⁺20, WCSX22]. *ε* [WSW23]. *I* [RAB21]. *k*
[WSW23]. *r/K* [MF20]. *R*₀ [WHE⁺24a, WHE⁺24b].

-**D** [PM22, WSW23].

0304 [SGTS23]. **0304-3800** [SGTS23]. **0304-3800/109690** [SGTS23].

1 [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20g, Ano20f, Ano20h,
Ano20i, Ano20j, Ano20k, Ano20l, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e,
Ano21g, Ano21f, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, MPL⁺20].
109165 [CVTS20a]. **109198**. [SE20a]. **109265** [HES⁺23]. **109690** [SGTS23].
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, Ano24i, Ano24j, Ano24l, Ano24k, Ano24m, Ano24n]. **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]. **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, 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]. **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, PAPT⁺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**
 [BMM22, DIS23, MMC⁺²¹, PSBE23, RRS21, 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, EBK20, HBC⁺²²,
 JBF22, KE24, KS22, LTR⁺²⁴, LE23, LL22, LZW20, MSLMM22, PBS21,
 STQ⁺²², SJA⁺²², 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, EBK20, HBC⁺²², KE24,
 KS22, LTR⁺²⁴, LE23, LL22, LZW20, MSLMM22, PBS21, STQ⁺²², SJA⁺²²,
 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]. **Agricultural**
 [Pas21, PHL20, RGD20, 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** [BCM20].
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].
albicares [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, JLS23, 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, AACCS20, 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, RRS21, WYJ⁺22, ZZD22, 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, HKSM24, 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, 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** [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, HBBF24, 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⁺23, BGC⁺24, KKP⁺21]. **attention** [PDW23]. **attentional** [vVWH20].
attenuation [SBWB24]. **audience** [CVTS20a, CVTS20b]. **augmentation** [RMA⁺24]. **augmented** [LAK20]. **August** [Ano20b, Ano20n, Ano21b, Ano21n, Ano22b, Ano23b]. **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, 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, MTZA23]. **based** [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, 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, RRS21, 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, PApL⁺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]. **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, JN22, MJdORPG23]. **between** [ABZ22, AS22, AM21, BLB⁺24a, BAR20, BBIP24, BLB⁺20, BG22, CWY⁺24, CMKF22, CZ21, CLY⁺23, CMA23, DYMD22, DSC⁺21, GVG⁺23, GSM⁺20, KKP⁺21, LRA⁺20, LZL23, LK24b, LGA⁺21, MYACC22, MFPIBGES23, MPMT23, MGWG22, 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 [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, ZZS⁺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]. **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, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h].
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** [vdHNN⁺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]. **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, LKPK22, 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, I124, 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, 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, LZP21,
 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, 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** [AACCS20, 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, LZL22, LGL⁺²⁴, LYL⁺²⁴, LW23, MFZ23, 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, 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]. **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, W_rJP⁺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, 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, 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]. **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**
 [EOO21, MFZ23, TCG⁺20, Koo20a, Koo24b, KBSS23, TQM⁺24, ZMK⁺22].
compare [BAAN24, CAB⁺21]. **Comparing** [ALK20, BRWS24, 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, GCSIR22]. **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, BMS⁺20, BWCD23, CXZ⁺23, CAH22, DSC⁺21, DWG22,
 AAAR23, 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, HBBF24, 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]. **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]. **culling** [CAB⁺21]. **culls** [Dav22]. **cultivation** [KBSS23, SSB22, Vas23]. **culture** [DMPLHGL20, FDSM20, SZL⁺20]. **cultures** [PGB⁺20]. **Cumulative** [TBP⁺23, LPL22b]. **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, 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, VRR1⁺24, WSW23]. **D.** [HKSM23]. **DAESim** [TBCV22]. **daily** [WHL⁺23]. **dam** [SAdA⁺22, WLZ⁺23a]. **damages** [SAdA⁺22]. **damaskrose** [NGA⁺24]. **damselish** [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, GCSIR22, 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, LKPK22, 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, LKPK22]. **date** [DIS23, JPL21, TBZ⁺22]. **DayCent** [DDH⁺22]. **Dealing** [BVR⁺20, MVAD20]. **death** [NTHC23]. **DEB** [AVRC⁺20, GSM⁺20, JGG23, KK20, MPL⁺20, SLYL⁺20]. **DEB-structured** [KK20]. **DEB-tox** [AVRC⁺20]. **DEBtox** [Jag20]. **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]. **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]. **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]. **demonstrates** [JMC+22, LVM+22, PMB+22, STW+23]. **demonstrates** [JHKT+23]. **dengue** [ABZ22, ZXK+24]. **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, 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, RRS21]. **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, LJ21, LYM+23, RPB+23, SGPSzC22, SYL+24, SBWB24, TK20b, WRC21, 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** [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, VMM⁺²¹, Wu24]. **Differentially** [RSC⁺²⁴]. **Differentiating** [BG22]. **differentiation** [GSRB22, HLZ⁺²², ZSS21]. **differentiations** [LLZM20]. **differently** [RLdM20]. **diffusion** [CAH22, FMRMAS24]. **Diffusivity** [AJJ24]. **digestion** [AWW24]. **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** [LKPK22]. **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, RSW23, 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]. **drought** [LPS⁺21, 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, LZP⁺24, PSM⁺21, SC23, VLG⁺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, 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, JLJ⁺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, XYZR21].
dynamics [XFK21, ZMS20, ZLLZ24, ZYM⁺²¹, GCSIR22].

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** [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, HNC⁺²¹, KMAA23, KNP⁺²¹, KLH⁺²⁴, KAT⁺²², KBSS23, LLZM20, LCM24, LKPK22, 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, ZGMFESD23]. **ecological** [dFT⁺²⁰, Pas21]. **ecological-economic** [DWG22]. **ecological-risk** [GZK⁺²⁰]. **Ecologically** [Por21, CWF⁺²¹, CKC⁺²⁴, GCSIR22, 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, BRBT22, BLSR⁺²⁰,

BDA⁺20, BGC⁺24, CBG⁺22, CL21, CLY⁺23, CWW⁺23, CXZ⁺23, CVTS20a, CVTS20b, 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, 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, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h]. **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** [BCM20, PMZ⁺21, SSM24]. **effectiveness** [BJKT21, HCPG20, XWX⁺24]. **Effects** [CWH⁺21, FdKO21, KKH⁺24, LHDBN20, LCMB21, MMC⁺21, MJS24, NBMD21, VRS20, YSFX23, ADR21, BKT20, 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, 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** [RBL23]. **egg** [BGR20, LEC⁺23]. **eggs** [DLY⁺22, LWE⁺22]. **EGO** [HPMB20]. **ELA** [DMdR24]. **elasticity** [TK20a]. **electricity** [LGA⁺21].

electrofishing [RGD⁺22]. **elements** [MFZ23, PAPL⁺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** [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, VLG⁺20, ZLML20, BPK⁺20, BGC⁺24, CZ21, CDB⁺20, DLZ⁺20, RLZ⁺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, 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, FSJ22, Koo24b, MMRBLN20, SG20, YXH20].
Enzo [Ano20-49]. **ephemeral** [AGP20, BGR20, BSR21]. **Ephemeroptera** [KFJS20]. **EPIC** [WYJ⁺22]. **epidemics** [BCM20]. **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, MAN⁺20, VMM⁺21]. **equilibrium** [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, 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** [PAPL⁺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, 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, 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]. **Exaiaptasia** [KRMP23].
examine [BWT⁺24]. **Examining** [CLG20]. **example**
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 [GSH⁺22]. **exclusion** [MYH⁺20]. **Exergy** [VPAV22, NGA⁺24]. **exhibit**
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 [PTD⁺23]. **experienced** [SBMF23]. **experiencing** [RCCLMGV22].
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explicitly [SBS⁺21]. **Exploitation** [CDT⁺23, TCB21]. **exploited**
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 WZLC24, dMT23, BRBT22, DMGP20, GRS⁺20, NGA⁺20]. **export** [NO24].
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facilitates [CKC20]. **Facilitation** [Pre22]. **facing** [BLB⁺24a]. **factor** [ST24].
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facts [MZLRSZ21]. **facultative** [PGdAM⁺20]. **Fagus**
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fauna [Yao21]. **favorable** [KDC⁺21]. **favourability** [MDT⁺23].
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Features [CLG20, SDD⁺20]. **February**
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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, BKT20, ERP21, AAAR23, 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, VVRI⁺24, WLZ⁺23a, WLY⁺23, dKS22, PDD⁺22]. **Fisher** [RBMRR20]. **fisheries** [BWS⁺20, CDT⁺23, GSJ⁺20, Lov24, PHK23, WBW⁺20]. **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]. **fit** [PAS⁺22]. **five** [IBB⁺21, IBB⁺22, ZMF⁺20]. **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** [GCSIR22]. **flume** [LEC⁺23]. **fluorescence** [SPPC21, YYS⁺22]. **FLUS** [ZZQ23]. **flux** [ASHK22, CSB22, SPPC21, ZWZ⁺20]. **fluxes** [ACFM22, BGC⁺24, CLW⁺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, vdHNN⁺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, CZ21, AAAR23, 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, 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, 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, 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** [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]. **Galatheidæ** [BAAN24]. **Game** [MB22, DS23, GHbS21, LBN⁺²², PDW23]. **games** [AARS23]. **Gammaridæ** [DZBB24]. **Ganges** [RBL23]. **Gansu** [XHS⁺²⁴]. **gap** [DTR⁺²², RP22]. **Gaps** [AVRC⁺²⁰, LKPK22]. **garden** [SSJC23]. **gardens** [RPARM20]. **Gas** [dKS22, BST⁺²⁰, BWT⁺²⁴, CFL⁺²², CPAT20, HCP⁺²⁰, KMH⁺²¹, MTS⁺²⁰, TQM⁺²⁴]. **GCM** [TKO⁺²², ZFT20]. **GCM-related** [TKO⁺²²]. **geese** [JZJ⁺²⁰]. **gene** [FLG⁺²³]. **general** [PSG21, RRS21, 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]. **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** [BCM20, 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]. **guilding** [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, BLL21, BSHC22, BG22, CWH⁺21, CLW23, CKK⁺24a, CKK⁺24b, CKK⁺24c, DL21, DSHB23, GVG⁺23, ILLM20, JLH⁺21, JHKT⁺23, JRD⁺22, LZF⁺24, LZD⁺24, LGA⁺21, LUT⁺24, MS23, OHP⁺23, 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]. **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, vdHNNH⁺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].
Hyrceanian [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 [LKPK22]. **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, DAG⁺²¹, HHHBF24,
 HMC21, 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, vdHNNH⁺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, 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, HHHBF24, 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, 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]. **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, PAPL⁺23]. **inequality** [LMW⁺23a]. **inertial** [CGV22]. **infection** [CGB⁺23, CYP⁺20, Cor20]. **infections** [DEMJ24]. **infectious** [GMM⁺24, VSB22]. **infer** [GSM⁺20, JVGC21]. **inference** [LKP22, 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, PGS^{L+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** [GCSIR22, 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, SBS⁺20, WF24, CLW23, GCSIR22]. **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, Ano24j]. **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, Ano24k]. **June** [Ano20g, Ano20s, Ano21g, Ano21s, Ano22s, Ano23s, Ano24l]. **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]. **Kheyrod** [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, PAPL⁺23, SWHZ22, SKW23, WSHZ24]. **laboratories** [Tur20]. **laboratory** [AZMD⁺22, LEC⁺23, SGH⁺23, VN23]. **labrax** [WBW⁺20]. **lack** [ZOJ⁺23]. **lactuca** [LFN⁺20]. **Laemphloeidae** [AJJ24]. **lagoon** [AACCIS20, CMGD⁺22, PGB⁺20]. **Lagos** [EON23]. **Lagrangian** [LWE⁺22, LEC⁺23, TMNA20, WSW23]. **LAI** [CSZY⁺20]. **Lake** [PRM⁺24, AJ22, BGJ21, CDJ⁺22, FWK⁺20, GPN⁺23, HSJ⁺20, KUK⁺21, TSUY23, Tsy22, WLLW20, WLQ⁺23, WPL⁺23, ZZS⁺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** [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-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]. **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, 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, 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, Ano24m]. **margaritifera** [SLYL⁺²⁰]. **margin** [LWL24]. **Marginal** [Men22, ESCA22]. **marginalis** [GMM20]. **marginalized** [KCS22]. **marina** [SIOM24]. **Marine** [BDA⁺²⁰, BWS⁺²⁰, BARF20, CMGD⁺²², CBG⁺²², 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** [GCSIR22]. **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, SdIP20, 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, Ano24n]. **mayfly** [KFJS20]. **MCDA** [USA21]. **MCDM** [LJ21]. **meadow** [ALS⁺21, PR22]. **mean** [Dav22]. **measure** [RP22]. **measured** [AAR23, GCSIR22]. **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, AACCS20, BRC⁺21, BCMV20, DAQ20, LPD⁺20, MTL⁺23, PGSL⁺20, SBF⁺21, SMD⁺20]. **Mediterranean-type** [AACCS20]. **megafauna** [RAC⁺24]. **meiofauna** [vdHNNH⁺20]. **Mekong** [LUT⁺24]. **mellitensis** [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, LZ21, 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]. **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** [vdHNNH⁺20]. **microphytobenthos-meiofauna** [vdHNNH⁺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, LKPK22, 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, BKT20, 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, 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, DVVH21]. **model** [DWH⁺21, EL21, EWE20, EBMK20, EHS⁺20, EL22, EBS23, ERP21, ESZ⁺23, FMH⁺20, FC21, FFM⁺23, FEPR24, FMRMAS24, FAC22, FSZ⁺20, FZS⁺20, GSR⁺23, GAMN⁺23, GMM20, GSC⁺23, GGMR20, GRAA22, GRCSA⁺20, GSRB22, GWD⁺23, HMGK20, HMVR21, HLZ⁺22, HBMR24, HRW⁺24, HBC⁺22, HCL⁺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, JMH22, JGG23, JLV⁺21, JPL21, Jia21, JZHT23, JHK⁺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, LNK⁺²¹, LYL⁺²⁴, LGA20, LCMB21]. **model**

[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, RRS21, RGB⁺²³, RGB22, RBVL⁺²⁰, SBS⁺²¹, SLHB⁺²³, STQ⁺²², SJA⁺²², SSM24, SFGB23, SvV21, SBM⁺²², SMM⁺²², SWHZ22, SIOM24, mSzZK⁺²¹, SACEU⁺²¹, SHF24, SWW⁺²³, SWP⁺²³, SDH21, SJH⁺²³, SNP⁺²³, STRC24, SBWB24, SRB⁺²⁰, SDP21, SBR20, SM22b, TBCV22, TBP⁺²³, TWL⁺²², TLL⁺²³]. **model**

[TSUY23, TBM⁺²⁴, TDI⁺²⁰, TKO⁺²², TSBE23, TK20b, VRR1⁺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, 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, MPSS24, MEGA21, MCB⁺²³, NKT⁺²⁰, NAM22, PK23, PBH22, PRM⁺²⁴, PZH⁺²¹, QS23, RBLS23, RRP⁺²³, RKN⁺²¹, RGD20, 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, CAK⁺²³, CAH22, CKC⁺²⁴, DAQ20, EOÖ21, EVHS21, ELS23, EV22, ERP21, dMFOM⁺²⁰, For24, GCB⁺²², GSA24, HBP⁺²¹, HZ22, HPMB20, HMDO20, HBRK24, HSD⁺²¹, HCPG20, JZS⁺²¹, JMC⁺²², JM22, KKP⁺²¹, KGBL24, KFJS20, KLPJ24, KBAC20, LJRM⁺²⁰, LBB20, LJP⁺²², LGA20, LUT⁺²⁴].

modeling

[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, vdHNNH⁺20, vdMvDSL20, AJG22b, SGTS23].

Modell [BS20]. **modelled** [CLW⁺24, GHK23, JOE23, KHH⁺22, KHH⁺24, MPPM23]. **Modelling** [ABH⁺20, 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, KWM⁺24].

modelling [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, 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, SOV21]. **models** [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, HHHBF24, LPS⁺²¹, MCMP⁺²⁴, MKR20, NTHC23, PCL24, LPS⁺²¹]. **mosquito** [VMM⁺²¹, WRC21, WKL⁺²¹]. **mosquitoes** [BM22b, HLB⁺²⁰, KWG^{+22a}, NS20]. **most** [KDC⁺²¹]. **moth** [LGG⁺²², PVS⁺²¹, SBR20]. **Moths** [RBBG23]. **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, TRMB20, Ano20-50, AHO⁺²⁰, BOLC⁺²², BGCJ21, BM21, CWH⁺²¹, EL21, GLA⁺²⁰, Gat21, HHHBF24, HLM⁺²⁰, HK23, IBB⁺²¹, IBB⁺²², JVGC21, KFM⁺²³, MP23, MTZA23, MPCG21, MSS24, NWJ⁺²², NAM22, 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** [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-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, 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]. **nest** [VJK⁺23].

nested [WSL⁺22]. **nesting** [CRZ⁺23, GDC24]. **net**

[ASHK24, 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, DGVVP23, FSZ⁺20, FZS⁺20, GSR⁺23,

KKP⁺21, LLLZ21, PGS⁺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, 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, RSC⁺24]. **Nonlinear** [Vas20, ZXK⁺24, KWC24, MLMI23]. **nonparametric** [RFPRC23]. **nonstationary** [CKK⁺24b]. **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]. **Novel** [LSG21, LGK⁺23, SSM24, BANG20, BMBB24, CAS⁺24, DDH⁺22, 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** [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, LJ21, RBMRR20, VBH20, YDLT24]. **Optimisation** [TLH⁺20]. **Optimising** [DDL⁺20, NND⁺22]. **Optimization** [MTP⁺20, MTZA23, WCSX22, ZZQ23, CWW⁺23, DGVVP23, FCP⁺20, HBC⁺22, LWZL23, 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]. **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, 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, 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** [vdHNNH⁺20]. **pathways** [CDN⁺23, GM23, MBB20]. **pattern** [ABZ22, CLHZ22, CGV22, FdKO21, FMRMAS24, HLM⁺20, SLC⁺20, TPD⁺24, WZLC24, XMWL23, ZHJQ23, ZBW⁺24]. **pattern-formation** [FMRMAS24]. **pattern-oriented** [TPD⁺24]. **patterning** [LCP⁺20]. **patterns** [CLPZ20, CDB⁺20, AAAR23, FHP⁺22, GCSIR22, LDR⁺20, LZP21, 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** [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, RRS21]. **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]. **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, PAPL+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** [PAPL⁺23]. **Power** [KLS20, UGSG24]. **Power-law** [KLS20]. **Poyang** [HSF⁺20, MFH⁺22]. **Practice** [Ano20-51, BM22b, LSG21, ZJEG24]. **practices** [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]. **preccial** [CC20]. **Predation** [dKS22, BACS22, BAAN24, CKC20, LK20, MAN⁺20, SM22a, VVH⁺20, vVWH20]. **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, BLL121, 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** [BRBT23]. **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, 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, BLL121, 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, vdHNNH⁺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]. **rained** [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, 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** [GCSIR22]. **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, 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, 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, SRK⁺²⁰, WZLC24, WSN⁺²¹].
resprout [ABRG21]. **restoration** [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]. **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** [BRSW24, CB20, CDC⁺²², AAAR23, 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** [PAPL⁺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** [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, PDGB21, PBS21, PMP⁺21, PCK⁺22, STQ⁺22, SdlP20, SLY⁺21, SKW23, TLL⁺23, TRMB20, VPV21]. **Scale-dependent** [BHC22, YB22]. **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]. **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, 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, LJ21, 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, 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].
shaw [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** [PAPL⁺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** [ETA AH21, 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** [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, 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-environmental** [PG23, WG21, ZJEG24]. **socio-MFA** [GM23]. **soda** [PAPL⁺23]. **sodicity** [TSBE23]. **soft** [vdHNNH⁺20]. **soft-bottom** [vdHNNH⁺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, PAPL⁺23, PSM⁺21, RGD20, TLC⁺22, TDI⁺20, TGL⁺22, YG21, YLLL23, ZRMW⁺20, ZLZ⁺24]. **soil-dwelling** [PSM⁺21]. **soil-plant** [PAPL⁺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, ATP20, BRC⁺21, BRSW24, BBIP24, BSM23, CLY⁺23, CJM⁺23, CSM23, CLG20, DIS23, DMM⁺23, EON23, ESZ⁺23, AAAR23, 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, 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, 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** [RBB23]. **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, RRS21, RWS⁺²¹, SZPW23, VSB22, WSFZ21, XFK21, YA24]. **structure-preserving** [AM22]. **structured** [KK20, MBS22, PSM22, QZSV21, WZWF20, WFD23, XYZR21]. **structures** [KSJ22]. **studies** [CdCAC⁺²⁰, LKPK22]. **Study** [DBK20, PSG21, SZ20, YJC⁺²⁴, AFdSM23, AIA⁺²³, BCW⁺²³, BH21, BGK⁺²⁰, 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, MS20, MTT22, MVC⁺²², OHH⁺²¹, OBFH22, OCT⁺²³, PHK23, PAPL⁺²³, PMP⁺²¹, PTNR⁺²⁰, RBB23, 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** [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, BRWS24, 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, LJ21, Ano20-49, AKM22, dSCdA21, EON23, GCMU23, HAZEF23, HWS⁺²³, MTZA23, NMV⁺²³, PGB⁺²⁰, RLM23, SvV21, SSB22, WrJP⁺²², 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]. **synchrotron** [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, PAPL⁺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** [LJ21]. **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** [PAPL⁺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, BSR21, DKM⁺21, EON23, AAAR23, 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** [LJ21, 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, HHF23, 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, SRAMH⁺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]. **Tiezzi** [Ano20-49]. **tiger** [AAAR23]. **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]. **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** [PAPL⁺23]. **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, 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, vdHNN⁺20]. **Transferability**
 [GVG⁺23, RFJ⁺22, CPTD22]. **transfers** [KKP⁺21, SML⁺20]. **transformed**
 [GCMU23, MPMT23]. **Transient** [CTL22, ZZD22]. **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,
 HBBF24, 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**
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TRIPLEX [LPS⁺21]. **TRIPLEX-Mortality** [LPS⁺21]. **Triticum**
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 [KKH⁺24, OHR⁺23, BdCCdSAdS23, BNN20, FWK⁺20, GLA⁺20, HK23,
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tropical [BSS⁺24, BH21, DBV⁺22, FG21, HLB⁺20, MAGR⁺22, MHP⁺23,
 PYD⁺21a, PYD⁺21b, PKO⁺21, 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**
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 [BACS22]. **turnover** [AG22]. **turtle**

[CRZ⁺23, KABL21, LHDBN20, MZLRSZ21]. **turtles**
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TVDI [RFdL⁺24]. **TVDI-based** [RFdL⁺24]. **two**
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two-pool [CM21]. **two-stanza** [DPC20]. **type**
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 [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, SACE⁺20, TKO⁺22]. **underestimate** [MBD⁺22].
Undergraduate [Por21]. **Underlying** [ZXK⁺24, CLH23, GSH⁺22].
underpinning [EL21]. **understand**
 [CDNN⁺20, DAQ20, MFPIBGES23, MPMT23, ZMS20]. **Understanding**
 [CFG⁺22, HSP⁺22, Por21, PCK⁺22, ZOJ⁺23, PTG⁺20, PGSL⁺20, SBWB24].
Understory [HHI⁺22, MLJ⁺23]. **underwater** [KCHZ21, SHF24]. **uneven**
 [JS22]. **Unfolding** [AS22, LMW⁺23a]. **ungulate** [HBRK24]. **unified**
 [FMRMAS24, LMNV20]. **unimodal** [CLHZ22]. **United**
 [Pas21, CBG⁺22, YA24]. **units** [LJ21, SRTS20]. **universal** [GAM20].
Unlocking [CAS⁺24]. **unmarked** [HI22]. **unpredictability** [cNKF24].
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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,
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 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, GCSIR22, 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, JL23, KIAM⁺²⁰, KRM⁺²², KS22, KWP⁺²³, LE23, LUV⁺²³, LLB⁺²³, Lia23, LZL22, LGA20, LAC⁺²⁴, MLL20, MPSS24, MLJ⁺²³, MSS24, NWO21, NGA⁺²⁴, NHGP23, NA22, NTHC23]. **using** [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, SACE⁺²⁰, SNM⁺²³, STW⁺²³, SHF24, SWP⁺²³, SJH⁺²³, SC23, SM22b, TK20a, TMFV22, USA21, VLG⁺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, BKTMM20, 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]. **Wangu** [JASW23]. **Wanhe** [DZC^{+23a}, DZC^{+23b}]. **Want** [SACEU⁺²¹]. **war** [MKN23]. **Warm** [Des21, PA20]. **warming** [Che22, KPLH24, LhNA⁺²¹, MTL⁺²³, TRMB20, ZFT20, ZZS⁺²², ZRMW⁺²⁰, LhNA⁺²²]. **warning** [WSFZ21]. **Was** [KHR23, PR23]. **Wasp** [CH22, BPW⁺²¹]. **waste** [CAS⁺²⁴, NO24, ZA20]. **wastewater** [GM23]. **Wasting** [HCW⁺²², BGK⁺²⁰, BRSW24, KS22, TBM⁺²⁴]. **Water** [DLZ⁺²⁰, ELS23, WXT⁺²⁰, BZZT22, BP21, BAM23, BGC⁺²⁴, CC23, nCLpW⁺²³, CLW⁺²⁴, DEMJ24, DCT⁺²¹, DMdR24, GGE⁺²³, HLW⁺²⁰, HLZ⁺²², HSJ⁺²⁰, HLS⁺²³, JMC⁺²², KHS⁺²³, Lef23, LYC⁺²¹, LNK⁺²¹, MSL⁺²¹, MFPIBGES23, NMV⁺²³, NWO21, PRM⁺²⁴, PGSL⁺²⁰, RSASP22, RFdL⁺²⁴, RPARM20, SC21, TBZ⁺²², VRR1⁺²⁴, WLQ⁺²³, WPL⁺²³, WWP20, YJC⁺²⁴, ZSS21, ZZZD22, XZZ⁺²²]. **Water-energy** [DLZ⁺²⁰]. **water-land** [NMV⁺²³]. **water-limited** [HLW⁺²⁰, HLZ⁺²²]. **waterbirds** [WWA⁺²²]. **waterbodies** [RFCEL22]. **waters** [RJY⁺²⁰]. **watershed** [BH21, GSA24, HAZEF23, HCPG20, JB22, LSS⁺²¹, MTZA23, PGP⁺²², ZZLF24, dPGDdFS24]. **wave** [SBWB24]. **wavelet** [CCH20]. **way** [DLT⁺²², WHdBB21]. **Ways** [Koo24a]. **Weak** [CKC20, ABZ22]. **weaken** [CLHZ22]. **web** [BAAN24, BNN20, CGRR⁺²⁴, CVTS20a, CVTS20b, DvDA24, DS24, GHbS21, HML⁺²², KKH⁺²⁴, MAD⁺²⁰, MPPM23, NHGP23, OKS⁺²¹, SRK⁺²⁰, ZBW⁺²⁴, vdHNN⁺²⁰]. **web-based** [CVTS20a, CVTS20b]. **webs** [JL23, MEPJ21, MJS24, NK23, WLLW20, WA20, vdHNN⁺²⁰]. **weed** [ABC⁺²², CGVC21, MVC⁺²², PBF⁺²³, PMP⁺²¹]. **weeds** [MVC⁺²²]. **weight** [BPK⁺²⁰]. **weighted** [CKC⁺²⁴]. **weighting** [ZFP21]. **well** [GMS⁺²³, HL23, HMC20, YPS⁺²¹]. **well-being** [GMS⁺²³, HL23, YPS⁺²¹]. **well-mixed** [HMC20]. **wellbeing** [KCS22]. **west** [HMVR21, BGC⁺²³, KWG^{+22a}, PTG⁺²⁰, SPB⁺²⁴, SD24]. **western** [AM22, HH23, KT22, STRC24, TDI⁺²⁰, ASL⁺²⁰, BBCD23, LHH⁺²⁴, PA20]. **wet** [BPK⁺²⁰]. **Wetland** [MLD⁺²³, EON23, OTR⁺²¹]. **wetlands**

[AGP20, DBK20, LHJ⁺24]. **whale** [MCB⁺23, SWF21]. **wheat** [CDN⁺23, GAMN⁺23, GGS⁺22, HRW⁺24, Hop23, LPHO⁺20, PTF23, PK23]. **Which** [ENARM⁺23, RAB21]. **while** [DGVVP23, XCH⁺21, YA24]. **White** [HCW⁺22, BGK⁺20, dMFOM⁺20, KS22, TBM⁺24, VRW⁺21, KFJS20]. **White-Tailed** [HCW⁺22, BGK⁺20, KS22, TBM⁺24, VRW⁺21]. **whitefly** [SYL⁺24]. **whole** [DLT⁺22, NO23, PKO⁺21]. **whole-tree** [PKO⁺21]. **wide** [HKB⁺20, RBLS23]. **wider** [Gri20]. **wild** [DAG⁺21, GJC⁺20, KT22, LP22, LBN⁺22, MM21, RRFLV⁺22]. **wildcat** [CKK⁺24a, CKK⁺24c]. **wildcats** [CKC⁺24]. **wildfire** [AB21, ABH⁺20, SCG⁺23, YA24]. **wildflower** [CAFT22, CSCT23]. **wildflower/crop** [CSCT23]. **wildlife** [BGK⁺20, BLB24b, COPM23, CSMP21, MD23, PAS23]. **wildlife-livestock** [MD23]. **Williston** [LYZ⁺24]. **Wind** [HHI⁺22, AJG22a, AJG22b, CMFC23, GCSIR22, JB22, WGK⁺21, WSW23]. **wind-borne** [WGK⁺21]. **Wind-Disturbed** [HHI⁺22]. **wind-driven** [CMFC23, WSW23]. **wins** [MKN23]. **winter** [BLLL21, EBS23, GGS⁺22, KUK⁺21, SMS⁺24]. **winter-run** [BLLL21]. **within** [BKT20, CDNN⁺20, FFM⁺23, HGBK23, KDH⁺21, MK21, PHK23]. **within-canopy** [MK21]. **within-field** [HGBK23]. **within-patch** [CDNN⁺20]. **WFOST** [SWHZ22, WSHZ24]. **wolf** [BGS⁺20, KRM⁺22]. **wolves** [CDC⁺22, HKG⁺24]. **wood** [MRR⁺20, MLV24]. **woodland** [WHW⁺23, SDD⁺20]. **woody** [dAPdBMT23, YCK20]. **working** [SGLK20]. **workshop** [PKB⁺23]. **world** [GCMU23, PAS⁺22, vOVvdW23]. **worldwide** [CAK⁺24]. **Wrangel** [CLW23]. **Wuhan** [WWC⁺22, ZZQ23].

X [ZL24]. **X-ray** [ZL24]. **Xiamen** [LZL23]. **Xinjiang** [CWY⁺24, WFW⁺24]. **Xylella** [BCM20, GSC⁺23].

Y-chromosome [BPB⁺20]. **Yaghooti** [EGAS23]. **Yangtze** [DZC⁺23a, DZC⁺23b, DYW⁺22, HSF⁺20]. **year** [HHBF24]. **Yearning** [Por21]. **years** [BPL⁺20, LGK⁺23, PA20]. **yellow** [MSLMM22, MSLM⁺24, RJY⁺20, nCLpW⁺23, GJC⁺20, MP23, SRB⁺20, XMWL23]. **yellowfin** [DPC20]. **Yellowstone** [ERP21]. **Yield** [SWHZ22, AMK21, AKM22, CSCT23, CJM⁺23, dSCdA21, DTR⁺22, DGVVP23, For20, GAMN⁺23, HRW⁺24, JPL21, KTB⁺21, LPHO⁺20, PK23, RWF22, WSHZ24]. **yields** [dSBDH23, RLM23, RRFLV⁺22]. **yolk** [JMHH22]. **yolk-feeding** [JMHH22].

zero [LBN⁺22]. **zero-sum** [LBN⁺22]. **Zhangzhou** [LZL23]. **zone** [ALS⁺21, Kos22, RWF22, Vas23, WXX⁺23]. **zones** [AAAR23, TWL⁺22]. **zoning** [XWX⁺24]. **zoonotic** [MMMS23]. **zooplankton** [CMKF22, DWH⁺21, HES⁺20, HES⁺23, KNP⁺21, ZZŠ⁺22, ZGG22].

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Anonymous:2020:Fa

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Anonymous:2020:Ja

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Anonymous:2020:Mc

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Anonymous:2020:Na

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Anonymous:2020:Sa

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Anonymous:2020:Ab

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Anonymous:2020:Ad

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Anonymous:2020:Sb

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Anonymous:2020:EBc

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Anonymous:2020:EBd

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Anonymous:2020:EBe

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Anonymous:2022:Ab

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Anonymous:2022:EBa

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Anonymous:2022:EBc

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Anonymous:2022:EBd

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Anonymous:2022:EBe

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Anonymous:2022:EBf

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Anonymous:2022:EBg

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Anonymous:2022:EBj

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Anonymous:2022:EBk

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Anonymous:2022:EBl

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Anonymous:2022:Ja

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Anonymous:2022:S

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Anonymous:2023:Ab

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Anonymous:2023:EBc

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Anonymous:2023:EBf

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