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Abbreviations

ADB  Asian Development Bank
AR  Assessment Report
ARCH  Archipelagic Deep Basins
BMA  benthic microalgae
BMP  best management practice
Ca$^{2+}$  calcium ion
CaCO$_3$  calcium carbonate
CAMS-OPI  Climate Anomaly Monitoring System and OLR Precipitation Index
CCSM  community climate system model
CE  cold eddy
CEAFM  community-based ecosystem approach to fisheries management
Chl  chlorophyll
CMIP  Coupled Model Intercomparison Project
CMM  conservation and management measure
CNMI  Commonwealth of the Northern Mariana Islands
COFI  Committee on Fisheries
CORDEX  Coordinated Regional Climate Downscaling Experiment
CO$_2$  carbon dioxide
CO$_3^{2-}$  carbonate ion
CPUE  catch per unit effort
CSCC  Coral Sea Counter Current
CSIRO  Commonwealth Scientific and Industrial Research Organisation
DCM  deep chlorophyll maximum
DNA  deoxyribonucleic acid
D-UVC  distance-based underwater visual census
DWFNs  distant water fishing nations
EAC  East Australian Current
EAF  ecosystem approach to fisheries
EEZ  exclusive economic zone
ENSO  El Niño-Southern Oscillation
EOF  Empirical Orthogonal Function
EPA  Economic Partnership Agreement
EPO  Eastern Pacific Ocean
EU  European Union
EUC  Equatorial Undercurrent
FADs  fish aggregating devices
FAME  Fisheries, Aquaculture and Marine Environment Division of SPC
FAO  Food and Agriculture Organization of the United Nations
Fe  iron
FFA  Forum Fisheries Agency
FSM  Federated States of Micronesia
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<th>Acronym</th>
<th>Definition</th>
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<tr>
<td>GDP</td>
<td>gross domestic product</td>
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<td>GIFT</td>
<td>genetically improved farmed tilapia</td>
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<td>GIS</td>
<td>geographic information system</td>
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<td>GR</td>
<td>government revenue</td>
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<tr>
<td>H⁺</td>
<td>hydrogen ion</td>
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<tr>
<td>HCO₃⁻</td>
<td>bicarbonate ion</td>
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<tr>
<td>H₂CO₃</td>
<td>carbonic acid</td>
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<td>Hadley Centre Global Sea Ice and Sea Surface Temperature</td>
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<td>Halmahera Eddy</td>
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<td>HIES</td>
<td>household income and expenditure surveys</td>
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<td>HNLC</td>
<td>High Nutrient-Low Chlorophyll</td>
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<td>HOT</td>
<td>Hawaii Ocean Time-Series</td>
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<td>hPa</td>
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<td>IATTC</td>
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<td>Interim Economic Partnership Agreements</td>
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<td>Intergovernmental Panel on Climate Change</td>
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<td>IPO</td>
<td>Interdecadal Pacific Oscillation</td>
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<td>Institut Pierre Simon Laplace</td>
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<td>ITCZ</td>
<td>Intertropical Convergence Zone</td>
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<tr>
<td>IUU</td>
<td>illegal, unreported and unregulated</td>
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<td>KURO</td>
<td>Kuroshio Current</td>
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<td>MCS</td>
<td>Monitoring, Control, Surveillance</td>
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<td>ME</td>
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<td>MLD</td>
<td>mixed layer depth</td>
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<td>MSY</td>
<td>maximum sustainable yield</td>
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<td>N₂</td>
<td>di-nitrogen</td>
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<td>NAPAs</td>
<td>national adaptation programmes of action</td>
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<td>National Centers for Environmental Prediction</td>
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<td>NCJ</td>
<td>North Caledonian Jet</td>
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<td>NGCUC</td>
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<td>NGO</td>
<td>non-governmental organisation</td>
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<td>NH₄⁺</td>
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<td>NOAA</td>
<td>National Oceanic and Atmospheric Administration</td>
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<tr>
<td>NO₃⁻</td>
<td>nitrate (ion)</td>
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<td>NP</td>
<td>new production</td>
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<td>NPP</td>
<td>net primary production</td>
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<td>Abbreviation</td>
<td>Description</td>
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<td>NPTG</td>
<td>North Pacific Tropical Gyre</td>
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<td>Nutrient-Phytoplankton-Zooplankton</td>
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<td>O₂</td>
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<td>PaCFA</td>
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<td>PAR</td>
<td>photosynthetically active radiation</td>
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<td>pCO₂</td>
<td>partial pressure of carbon dioxide</td>
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<td>PICTs</td>
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<td>PO₄³⁻</td>
<td>phosphate</td>
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<td>ppm</td>
<td>parts per million</td>
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<td>PROCFish</td>
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<td>PSU</td>
<td>practical salinity unit</td>
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<td>RCPs</td>
<td>Representative Concentration Pathways</td>
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<td>REDD</td>
<td>Reduced Emissions from Deforestation and Forest Degradation</td>
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<td>root mean square</td>
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<td>ROC</td>
<td>Republic of China</td>
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<td>RP</td>
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<td>SAM</td>
<td>Southern Annular Mode</td>
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<tr>
<td>SAT</td>
<td>surface air temperature</td>
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<td>SB</td>
<td>spawning biomass</td>
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<tr>
<td>SCUBA</td>
<td>self-contained underwater breathing apparatus</td>
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<td>SD</td>
<td>standard deviation</td>
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<td>SE</td>
<td>standard error</td>
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<td>SEAPODYM</td>
<td>Spatial Ecosystem and Population Dynamics Model</td>
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<td>SiO₂</td>
<td>silicate</td>
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<td>SODA</td>
<td>Simple Ocean Data Assimilation</td>
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<td>Abbreviation</td>
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<tr>
<td>S PSG</td>
<td>South Pacific Subtropical Gyre</td>
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<tr>
<td>SRES</td>
<td>Special Report on Emissions Scenarios</td>
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<td>SRP</td>
<td>soluble reactive phosphorus</td>
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<tr>
<td>SSH</td>
<td>sea surface height</td>
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<td>SSS</td>
<td>sea surface salinity</td>
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<td>sea surface temperature</td>
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<td>Sv</td>
<td>Sverdrup</td>
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<td>SWH</td>
<td>significant wave height</td>
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<td>Tropical Atmosphere Ocean</td>
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<td>Tg</td>
<td>teragram</td>
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<td>TIWs</td>
<td>tropical instability waves</td>
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<td>TVMA</td>
<td>Te Vaka Moana Arrangement</td>
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<td>UNCLOS</td>
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<td>UP</td>
<td>upwelling</td>
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<tr>
<td>USD</td>
<td>United States dollar</td>
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<td>UVR</td>
<td>ultraviolet radiation</td>
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<td>vessel day scheme</td>
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<td>Warm Pool</td>
<td>Western Pacific Warm Pool</td>
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<td>WCPFC</td>
<td>Western and Central Pacific Fisheries Commission</td>
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<td>WCPO</td>
<td>Western and Central Pacific Ocean</td>
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<td>WE</td>
<td>warm eddy</td>
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<td>WPRFMC</td>
<td>Western Pacific Regional Fishery Management Council</td>
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</tbody>
</table>
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