

# AII

## Annex II: Acronyms

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<b>a.s.l.</b>	Above Sea Level	<b>ESL</b>	Extreme Sea Level
<b>AABW</b>	Antarctic Bottom Water	<b>ESM</b>	Earth System Model
<b>ABNJ</b>	Areas Beyond National Jurisdiction	<b>ETC</b>	Extratropical Cyclone
<b>AC</b>	Arctic Council	<b>EWS</b>	Early Warning System
<b>ACC</b>	Antarctic Circumpolar Current	<b>FISHMIP</b>	Fisheries and Marine Ecosystems Impact Model Intercomparison Project
<b>AEWC</b>	Alaska Eskimo Whaling Commission	<b>GACS</b>	Global Alliance of Continuous Plankton Recorder Surveys
<b>AIS</b>	Antarctic Ice Sheet	<b>GCM</b>	General Circulation Model/Global Climate Model
<b>ALT</b>	Active-Layer Thickness	<b>GDP</b>	Gross Domestic Product
<b>AMO</b>	Atlantic Multidecadal Oscillation	<b>GGR</b>	Greenhouse Gas Removal
<b>AMOC</b>	Atlantic Meridional Overturning Circulation	<b>GHG</b>	Greenhouse Gas
<b>AMV</b>	Atlantic Multidecadal Variability	<b>GIA</b>	Glacio-Isostatic Adjustment
<b>AOGCM</b>	Atmosphere-Ocean General Circulation Model	<b>GIS</b>	Greenland Ice Sheet
<b>AP</b>	Antarctic Peninsula	<b>GLOF</b>	Glacial Lake Outburst Flood
<b>AR4</b>	IPCC 4th Assessment Report	<b>GMSL</b>	Global Mean Sea Level
<b>AR5</b>	IPCC 5th Assessment Report	<b>GMST</b>	Global Mean Surface Temperature
<b>AR6</b>	IPCC 6th Assessment Report	<b>GPD</b>	Generalised Pareto Distribution
<b>ASE</b>	Amundsen Sea Embayment	<b>GPG</b>	Good Practice Guidance
<b>ASF</b>	Animal Sourced Food	<b>GPP</b>	Gross Primary Production
<b>ATS</b>	Antarctic Treaty System	<b>GPS</b>	Global Positioning System
<b>BC</b>	Black Carbon	<b>GRACE</b>	Gravity Recovery and Climate Experiment
<b>BECCS</b>	Bioenergy with Carbon Capture and Storage	<b>GRD</b>	Gravity, Rotation, and Deformation
<b>CAO</b>	Central Arctic Ocean	<b>GSP</b>	Gross State Product
<b>CbA</b>	Community-based Adaptation	<b>GWP</b>	Global Warming Potential
<b>CBD</b>	Convention on Biological Diversity	<b>HAB</b>	Harmful Algal Blooms
<b>CBM</b>	Community-based Monitoring	<b>HFC</b>	Hydrofluorocarbons
<b>CCAMLR</b>	Convention for the Conservation of Antarctic Marine Living Resources	<b>HSM</b>	Historical Simulation
<b>CDR</b>	Carbon Dioxide Removal	<b>IAEA</b>	International Atomic Energy Agency
<b>CFC</b>	Chlorofluorocarbons	<b>ICC</b>	Inuit Circumpolar Council
<b>CMIP</b>	Coupled Model Intercomparison Project	<b>ICM</b>	Integrated Coastal Management
<b>CMIP3</b>	Coupled Model Intercomparison Project Phase 3	<b>ICZM</b>	Integrated Coastal Zone Management
<b>CMIP5</b>	Coupled Model Intercomparison Project Phase 5	<b>IK</b>	Indigenous Knowledge
<b>CMIP6</b>	Coupled Model Intercomparison Project Phase 6	<b>IMO</b>	International Maritime Organization
<b>COP</b>	Conference of Parties	<b>INGO</b>	International Non-Governmental Organisation
<b>CoSMoS</b>	Coastal Storm Modeling System	<b>IOC-UNESCO</b>	Intergovernmental Oceanographic Commission of the United Nations Educational, Scientific and Cultural Organization
<b>COWCLIP</b>	Coordinated Ocean Wave Climate Project	<b>IOD</b>	Indian Ocean Dipole
<b>CPR</b>	Continuous Plankton Recorder	<b>IPBES</b>	Intergovernmental Platform on Biodiversity and Ecosystem Services assessments
<b>CRDP</b>	Climate-Resilient Development Pathway	<b>IPO</b>	Interdecadal Pacific Oscillation
<b>DDT</b>	Dichlorodiphenyl-trichloroethane	<b>IRC</b>	Inuvialuit Regional Corporation
<b>DHW</b>	Degree Heating Week	<b>ISR</b>	Inuvialuit Settlement Region
<b>DIC</b>	Dissolved Inorganic Carbon	<b>ITCZ</b>	Intertropical Convergence Zone
<b>DJF</b>	December, January, February	<b>ITF</b>	Indonesia Throughflow
<b>DO</b>	Dissolved Oxygen	<b>IWRM</b>	Integrated Water Resource Management
<b>DOC</b>	Dissolved Organic Carbon	<b>JJA</b>	June, July, August
<b>DRM</b>	Disaster Risk Management	<b>L&amp;D</b>	Loss and Damage
<b>DSL</b>	Deep Scattering Layers	<b>LDC</b>	Least Developed Countries
<b>EAD</b>	Expected Annual Damages	<b>LDOC</b>	Labile Dissolved Organic Carbon
<b>EAIS</b>	East Antarctic Ice Sheet	<b>LECZ</b>	Low Elevation Coastal Zone
<b>EbA</b>	Ecosystem-based Adaptation	<b>LGM</b>	Last Glacial Maximum
<b>EBUS</b>	Eastern Boundary Upwelling System	<b>LIG</b>	Last Interglacial
<b>ECMWF</b>	European Centre for Medium-Range Weather Forecasts	<b>LK</b>	Local Knowledge
<b>ECP</b>	Extended Concentration Pathway	<b>LLIC</b>	Low-Lying Islands and Coasts
<b>EDW</b>	Elevation Dependent Warming	<b>LMMA</b>	Locally Managed Marine Protected Area
<b>EEZ</b>	Exclusive Economic Zone		
<b>ENSO</b>	El Niño-Southern Oscillation		
<b>ESA CCI</b>	European Space Agency Climate Change Initiative		

<b>LUC</b>	Land-Use Change	<b>RSL</b>	Relative Sea Level
<b>LULUC</b>	Land Use and Land-Use Change	<b>RSLR</b>	Relative Sea Level Rise
<b>M&amp;E</b>	Monitoring and Evaluation	<b>SAM</b>	Southern Annular Mode
<b>MAGT</b>	Mean Annual Ground Temperature	<b>SAMOC</b>	South Atlantic Meridional Overturning Circulation
<b>MCDA</b>	Multi-Criteria Decision Analysis	<b>SD</b>	Sustainable Development
<b>MHW</b>	Marine Heatwave	<b>SDGs</b>	Sustainable Development Goals
<b>MICI</b>	Marine Ice Cliff Instability	<b>SDM</b>	Structured Decision Making
<b>MIP</b>	Model Intercomparison Project	<b>SDP</b>	Sustainable Development Pathway
<b>MISI</b>	Marine Ice Sheet Instability	<b>SH</b>	Southern Hemisphere
<b>MOC</b>	Meridional Overturning Circulation	<b>SIDS</b>	Small Island Developing States
<b>MPA</b>	Marine Protected Area	<b>SLCF</b>	Short-Lived Climate Forcers
<b>mPWP</b>	mid-Pliocene Warm Period	<b>SLE</b>	Sea Level Equivalent
<b>MRV</b>	Measurement, Reporting and Verification	<b>SLP</b>	Sea Level Pressure
<b>MSL</b>	Mean Sea Level	<b>SLR</b>	Sea Level Rise
<b>MSY</b>	Maximum Sustainable Yield	<b>SMB</b>	Surface Mass Balance
<b>NADW</b>	North Atlantic Deep Water	<b>SPG</b>	Subpolar Gyre
<b>NAO</b>	North Atlantic Oscillation	<b>SPM</b>	Summary for Policymakers
<b>NAP</b>	National Adaption Plan	<b>SR15</b>	IPCC Special Report on Global Warming of 1.5°C
<b>NCEP</b>	National Centers for Environmental Prediction	<b>SRCCCL</b>	IPCC Special Report on Climate Change and Land
<b>NCP</b>	Nature's Contribution to People	<b>SRES</b>	IPCC Special Report on Emissions Scenarios
<b>NDC</b>	Nationally Determined Contributions	<b>SREX</b>	IPCC Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation
<b>NGO</b>	Non-Governmental Organisation		
<b>NOAA</b>	National Oceanic and Atmospheric Administration	<b>SRM</b>	Solar Radiation Modification
<b>NPP</b>	Net Primary Production	<b>SROCC</b>	IPCC Special Report on the Ocean and Cryosphere in a Changing Climate
<b>NPV</b>	Net Present Value		
<b>OA</b>	Ocean Acidification	<b>SRTM</b>	Shuttle Radar Topography Mission
<b>OHC</b>	Ocean Heat Content	<b>SSPs</b>	Shared Socioeconomic Pathways
<b>OLS</b>	Ordinary Least Square	<b>SST</b>	Sea Surface Temperature
<b>OMZ</b>	Oxygen Minimum Zone	<b>SWE</b>	Snow Water Equivalent
<b>PCBs</b>	Polychlorinated Biphenyls	<b>TC</b>	Tropical Cyclone
<b>PDO</b>	Pacific Decadal Oscillation	<b>THC</b>	Thermohaline Circulation
<b>PFC</b>	Perfluorocarbons	<b>ToE</b>	Time of Emergence
<b>PIG</b>	Pine Island Glacier	<b>UNCLOS</b>	United Nations Convention on the Law of the Sea
<b>PISM</b>	Parallel Ice Sheet Model	<b>UNEP</b>	United Nations Environment Programme
<b>PM</b>	Particulate Matter	<b>UNFCCC</b>	United Nations Framework Convention on Climate Change
<b>POC</b>	Particulate Organic Carbon		
<b>POP</b>	Persistent Organic Pollutants	<b>UQ</b>	Uncertainty Quantification
<b>ppmv</b>	parts per million volume	<b>VLM</b>	Vertical Land Motion
<b>PSU</b>	Practical Salinity Unit	<b>WAIS</b>	West Antarctic Ice Sheet
<b>RCM</b>	Regional Climate Model	<b>WBC</b>	Western Boundary Current
<b>RCP</b>	Representative Concentration Pathway	<b>WGI</b>	IPCC Working Group I
<b>RDM</b>	Robust Decision Making	<b>WGI</b>	IPCC Working Group I
<b>RDOC</b>	Refractory Dissolved Organic Carbon	<b>WGII</b>	IPCC Working Group II
<b>RFC</b>	Reason for Concern	<b>WGMS</b>	World Glacial Monitoring Service
<b>RGI</b>	Randolph Glacier Inventory		
<b>RITC</b>	Rapid Intensification of Tropical Cyclones		

