

AII

Annex II: Acronyms

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

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

