



Acronyms and Abbreviations

AaaS	Analytics as a Service	CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
ABNJ	areas beyond national jurisdiction	CLRTAP	Convention on Long-range Transboundary Air Pollution
ADB	Asian Development Bank	CLTS	community-led total sanitation
AEM	Agri-environment measures	CMM	cutaneous malignant melanoma
AIDS	Acquired Immune Deficiency Syndrome	CMS	Convention on the Conservation of Migratory Species of Wild Animals
AGGI	Annual Greenhouse Gas Index	CNS	central nervous system
ALRTI	acute lower respiratory infections	CO	carbon monoxide
AMAP	Arctic Monitoring and Assessment Programme	CO₂	carbon dioxide
AMCEN	African Ministerial Conference on the Environment	COMEAP	Committee on the Medical Effects of Air Pollutants
AMD	acid mine drainage	CONAFOR	National Forestry Commission of Mexico
AOC	Areas of Concern	COP	Conference of the Parties
ASEAN	Association of Southeast Asian Nations	COPD	chronic obstructive pulmonary disease
ASGM	artisanal and small scale gold mining	CORSIA	Carbon Offsetting and Reduction Scheme for International Aviation
BACT	best available control technology	CSDH	Commission on Social Determinants of Health
BaP	benzo[a]pyrene	CSIRO	Commonwealth Scientific and Industrial Research Organisation (Australia)
BAT	best available techniques	CSML	Climate Science Model Language
BAU	business-as-usual	CSO	civil society organization
BC	black carbon	DaaS	Data as a Service
BECCS	Bioenergy with carbon capture and storage	DALY	disability adjusted life year
BEV	battery electric vehicles	DDT	dichlorodiphenyltrichloro-ethane
CA	conservation agriculture	DEFRA	Department for Environment, Food and Rural Affairs (United Kingdom of Great Britain and Northern Ireland)
CaCO₃	calcium carbonate	DESD	UN Decade of Education for Sustainable Development (UNCCD)
CAP	Common Agricultural Policy (EU)	DFO	Department of Fisheries and Oceans (Canada)
CAS	Chemical Abstract Service	DIF	Directory Interchanged Format
CBMIS	community-based monitoring and information systems	DLDD	desertification, land degradation and drought (UNCCD)
CBD	Convention on Biological Diversity	DPSIR	drivers, pressures, state, impacts, responses
CBMIS	Community-based monitoring and information systems	DRR	disaster risk reduction
CBO	Congressional Budget Office	DSI	dust storm intensity
CCAC	Climate and Clean Air Coalition for the Reduction of Short-Lived Climate Pollutants	DSF	desert storm frequency
CCAK	Clean Cookstoves Association of Kenya	DWAF	Department of Water Affairs and Forestry (South Africa)
CCAMLR	Conservation for the Antarctic Marine Living Resources	EAP	Environmental Action Programme (EU)
CCB	China Construction Bank Corporation	EBA	ecosystem-based adaptation
CCE	climate change education	EBAFOSA	Ecosystem Based Adaptation for Food Security Assembly
CCFSC	Central Committee for Flood and Storm Control	EC	European Commission
CCP	command and control policies	ECLAC	United Nations Economic Commission for Latin America and the Caribbean
CFC	chlorofluorocarbon	EDC	endocrine-disrupting chemicals
CCS	carbon capture and storage	EEA	European Environment Agency
CD	compact disk	EGA	Environmental Goods Agreement
CDC	Centre for Disease Control and Prevention (United States)		
CEC	1) contaminants of emerging concern, or 2) Commission for Environmental Cooperation (under NAFTA)		
CEDS	Community Emissions Data System		
CENESTA	Centre for Sustainable Development and Environment		
CFC-11	trichlorofluoromethane		
CH₄	methane		



EIA	1) Energy Information Administration (United States of America), or 2) environmental impact assessment	GLOBE	Global Learning and Observation to Benefit the Environment
EID	emerging infectious diseases	GLRI	Great Lakes Restoration Initiative
EIP	economic incentive policies	GM	genetically modified
ELD	Economics of Land Degradation Initiative	GMACC	Global Military Advisory Council on Climate Change
EML	Ecological Metadata Language	GMO	genetically modified organism
ENGO	Environmental Non-Governmental Organizations	GMSL	Global Mean Sea Level
EPA	1) environmental performance assessment, or 2) Environmental Protection Agency (United States)	GNH	Gross National Happiness
EPI	environmental policy integration	GPA	Global Program of Action for the Protection of the Marine Environment from Land-based Activities
ESA	1) environmentally sensitive area, or 2) European Space Agency	GRI	Global Reporting Initiative
ESD	Education for Sustainable Development	GSP	Generalized Scheme of Preferences
ESDIS	Earth Science Data and Information System	GtCO₂	gigatonne of carbon dioxide
EU	European Union	GTP	Global Temperature Potential
FAO	Food and Agriculture Organization of the United Nations	GW	gigawatt
FBS	food balance sheet (FAO)	GWG	Global Working Group
FBSP	Free Basic Sanitation Policy	GWP	1) Global Water Partnership, or 2) global warming potential
FBWP	free basic water policy	ha	hectares
FIT	feed-in tariff	HALE	health adjusted life expectancy
FSC	Forest Stewardship Council	HCFC	hydrochlorofluorocarbon
G7	Group of Seven (Canada, France, Germany, Italy, Japan, United Kingdom, United States)	HEI	Health Effects Institute
GACC	Global Alliance for Clean Cookstoves	HFC	hydrofluorocarbon
GAEC	Good Agricultural and Environmental Conditions (EU)	Hg	mercury
GAP	Global Action Programme on Education for Sustainable Development	HIV	human immunodeficiency virus
GAWSiS	Global Atmospheric Watch Station Information System	HLPF	High-level Political Forum on Sustainable Development
GBD	Global Burden of Disease	HS	Harmonized System
GBR	Great Barrier Reef	IAEG	1) Inter-agency and Expert Group, or 2) Internationally Agreed Environmental Goals
GBRMPA	Great Barrier Reef Marine Park Authority	IAM	integrated assessment model
GCM	1) general circulation model, or 2) Global Climate Model	IAS	invasive alien species
GDI	Gasoline direct injection	ICAO	International Civil Aviation Organization
GDP	gross domestic product	ICCA	indigenous and community- conserved areas
GEA	Global Environmental Assessment	ICCT	International Council on Clean Transportation
GEF	Global Environment Facility	ICMM	International Council of Mining and Metals
GEMI	UN-Water's Integrated Monitoring Initiative	ICP	International Cooperative Program
GEO	Global Environment Outlook	ICPDR	International Commission for the Protection of the Danube River
GEOSS	Global Earth Observation System of Systems	ICS	improved cookstove
GESAMP	Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection	ICT	information and communication technology
GGEO	Global Gender and Environment Outlook	IDMC	Internal Displacement Monitoring Centre
GGW	Great Green Wall (China)	IDP's	internally displaced people
GHG	greenhouse gas	IEA	1) International Energy Agency, or 2) integrated environmental assessment
GIS	geographical information systems	IFAW	International Fund for Animal Welfare
GLADIS	Global Land Degradation Information System	IFPRI	International Food Policy Research Institute
GLASOD	Global Assessment of Human-Induced Soil Degradation	IGRAC	International Groundwater Resource Assessment Centre
		IIED	International Institute for Environment and Development
		IJC	International Joint Commission
		IK	indigenous knowledge



ILBM	Integrated Lake Basin Management	N₂O	nitrous oxide
ILO	International Labour Organization	NAAQS	National Ambient Air Quality Standards (United States)
IMO	International Maritime Organization	NAP	National Adaptation Plan
INBO	International Network of Basin Organizations	NASA	National Aeronautics Space Administration (United States)
INDC	Intended Nationally Determined Contribution	NAZCA	Non-State Actor Zone for Climate Action
INTERPOL	International Criminal Police Organization	NBS	Nature-based solutions
IPLC	Indigenous Peoples and Local Communities	NBSAP	National Biodiversity Strategies and Action Plans
IPAT	Impact = Population x Affluence x Technology	NcML	netCDF Markup Language
IPBES	Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services	NCP	nature's contribution to people
IPCC	Intergovernmental Panel on Climate Change	NCSDs	National Councils for Sustainable Development
IRDA	Iksandar Regional Development Authority	NDC	nationally determined contribution
ISA	International Seabed Authority	NDVI	Normalized Difference Vegetation Index
ISO	International Organization for Standardization	NEPA	National Environment Policy Act (United States)
ITF	International Transport Forum	NFCP	Natural Forest Conservation Program (China)
ITPS	Intergovernmental Technical Panel on Soils	NGO	non-governmental organization
ITQ	Individual Transferable Quota	NH₃	ammonia
IUCN	International Union for the Conservation of Nature and Natural Resources	NIP	National Implementation Plan
IUU	illegal, unreported and unregulated fishing	NMVOc	non-methane volatile organic compounds
IWRM	integrated water resources management	NO₂	nitrogen dioxide
JMP	Joint Monitoring Programme for Water Supply and Sanitation of WHO/UNICEF	NOAA	National Oceanic and Atmospheric Administration (United States)
JRC	Joint Research Centre (European Commission)	NOWPAP	Action Plan for the Protection, Management and Development of the Marine and Coastal Development of the Northwest Pacific Region
LA	local authorities	NO_x	nitrogen oxides
LAC	Latin America and the Caribbean	NPP	net primary productivity
LAER	lowest achievable emission rate	NSPS	New Source Performance Standards
LANCE	Land, Atmosphere near real-time Capability for Earth Observing System	NT	no-tillage
LCT	low carbon technology	O₃	ozone
LDN	Land Degradation Neutrality (UNCCD)	OC	organic carbon
LMO	living modified organism	OCP	organochlorine pesticides
LMMA	Locally Managed Marine Areas	ODA	official development assistance
LPG	liquefied petroleum gas	ODS	ozone-depleting substance
LPI	Living Planet Index	OECD	Organisation for Economic Co-operation and Development
LSF	large-scale fisheries	OSCAR	Observing Systems Capability Analysis and Review
LTEMP	Glen Canyon Dam Long-term Experimental and Management Plan	OSPAR	Convention for the Protection of the Marine Environment of the North-East Atlantic
MAP	Mediterranean Action Plan for the Barcelona Convention	PA	protected area
MARPOL	International Convention for the Prevention of Pollution from Ships	PACC	Pacific Adaptation to Climate Change
MCA	Minerals Council of Australia	PAME	protected area management effectiveness
MDG	Millennium Development Goal	PAH	polycyclic aromatic hydrocarbons
MEA	1) Multilateral Environmental Agreement, or 2) Millennium Ecosystem Assessment	PAR	protect, accommodate and retreat
MEB	multiple evidence base	PAWS	Protection of Asian Wildlife Species
MPA	marine protected area	Pb	lead
MRV	measurement, reporting, and verification	PBDE	polybrominated diphenyl ethers
MSY	maximizing sustainable yield	PBT	persistent, bioaccumulative toxic chemicals
MTFR	maximum technologically feasible reduction	PCB	Polychlorinated biphenyls
MUDP	Environmental Technology Development and Demonstration Program (Denmark)	PCFV	Partnership for Clean Fuel and Vehicles
MUFPP	Milan Urban Food Policy Pact	PCN	Polychlorinated naphthalenes



PEER	Publishing and the Ecology of European Research	SFM	sustainable forest management
PES	payment for ecosystem services	SGSV	Svalbard Global Seed Vault
PFAS	per- and polyfluoroalkyl substances	SIA	Sustainability Impact Assessment
PFC	perfluorinated chemicals	SIDS	small island developing states
PFI	port fuel injection	SLCP	short-lived climate pollutant
PHE	phenanthrene	SLM	sustainable land management
PM	particulate matter	SO₂	sulphur dioxide
PM₁₀	particulate matter with a diameter of 10 micrometres (0.01 millimetre) or less	SPC	1) Secretariat of the Pacific Community, or 2) South Pacific Community
PM_{2.5}	particulate matter with a diameter of 2.5 micrometres (0.0025 millimetre) or less	SPREP	Secretariat of the Pacific Regional Environment Programme
POPs	persistent organic pollutants	SSA	Sub-Saharan Africa
PoWPA	Programme of Work on Protected Areas	SSF	small-scale fisheries
PPP	1) purchasing power parity or, 2) public private partnership	SSP	Shared Socio-economic Pathway
PPSR	Public Participation in Scientific Research	SST	sea surface temperature
PRTR	Pollutant Release and Transfer Registers	TAC	total allowable catch
R&D	research and development	TACD	Tetra-chlorodibenzo-dioxin
RACT	Reasonably Available Control Technology	TEEB	The Economics of Ecosystems and Biodiversity
RBFM	rights-based fisheries management	TEK	traditional ecological knowledge
RBG	Royal Botanic Garden, Kew	TK	traditional knowledge
RBM	resilience-based management	TNRSF	Three Northern Regions Shelter Forest (China)
RBO	River Basin Organizations	TOAR	Tropospheric O ₃ Assessment Report
RCP	Representative Concentration Pathways	TSD	Trade and Sustainable Development
RD&D	research, development and demonstration	TURF	Territorial Use Rights for Fishing
REACH	Registration, Evaluation, Authorisation and Restriction of Chemical (EU)	TWAP	Transboundary Waters Assessment Programme
REC	renewable energy credits	U5MR	under-five mortality rate
REDD	Reducing Emissions from Deforestation and Forest Degradation	UK	United Kingdom
RES	renewable energy systems	UN	United Nations
RFMO	regional fisheries management organizations	UNCED	United Nations Convention to Combat Desertification
RLI	Red List Index	UNCDF	United Nations Capital Development Fund
ROD	Record of Decision	UNCLOS	United Nations Convention on the Law of the Sea
RPS	renewable portfolio standard	UNCSD	United Nations Commission on Sustainable Development
SaaS	Software as a Service	UNCTAD	United Nations Conference on Trade and Development
SADC	Southern African Development Community	UNDP	United Nations Development Programme
SAICM	Strategic Approach to International Chemicals Management	UNDRIP	United Nations Declaration on the Rights of Indigenous People
SBI	Subsidiary Body for Implementation	UNECE	United Nations Economic Commission for Europe
SBSTTA	Subsidiary Body on Scientific, Technical and Technological Advice	UNECLAC	United Nations Economic Commission for Latin America and the Caribbean
SCBD	Secretariat of the Convention on Biological Diversity	UNEP	United Nations Environment Programme
SDG	Sustainable Development Goal	UNEP-DHI	United Nations Environment Programme - Institute for Water and Environment
SDGIO	Sustainable Development Goals Interface Ontology	UN-GGIM	United Nations Committee of Experts on Global Geospatial Information Management
SDMX	Statistical Data and Metadata Exchange	UNEP-UNECE	United Nations Environment Programme – Economic Commission for Europe
SDS	sand and dust storms	UNEP-WCMC	United Nations Environment Programme – World Conservation Monitoring Centre
SDS-WAS	Sand and Dust Storm Warning Advisory and Assessment System	UNESCAP	United Nations Economic and Social Commission for Asia and the Pacific
SEA	strategic environmental assessment		
SEEA	System of Environmental-Economic Accounting		
SensorML	Sensor Model Language		
SFA	State Forestry Administration (China)		



UNESCO	United Nations Educational, Scientific and Cultural Organization	VME	vulnerable marine ecosystems
UNFCCC	United Nations Framework Convention on Climate Change	VOC	volatile organic compounds
UNFPA	United Nations Population Fund	VWE	vulnerable marine ecosystems
UNGA	United Nations General Assembly	WAD	World Atlas of Desertification
UNHCR	United Nations High Commissioner for Refugees	WASH	water, sanitation and hygiene
UNICEF	United Nations International Children's Emergency Fund	WAVES	Wealth Accounting and the Valuation of Ecosystem Services
UNIDO	United Nations Industrial Development Organization	WBCSD	World Business Council for Sustainable Development
UNISDR	United Nations Office for Disaster Risk Reduction	WDPA	World Database on Protected Areas
UNODC	UN Office on Drugs and Crime	WEF	World Economic Forum
UNSCN	United Nations System Standing Committee on Nutrition	WFD	Waste Framework Directive of the EU
UNSDSN	United Nations Sustainable Development Solutions Network	WfW	Working for Water programme
US EPA	United States Environmental Protection Agency	WHC	World Heritage Convention
USA	United States of America	WHO	World Health Organization
USAID	United States Agency for International Development	WIPO	World Intellectual Property Organization
UV	ultraviolet	WMO	World Meteorological Organization
VGGT	FAO Voluntary Guidelines on the Responsible Governance of Tenure	WOCAT	World Overview of Conservation Approaches and Technologies
		WRI	World Resources Institute
		WTO	World Trade Organization
		WWAP	World Water Assessment Programme
		WWF	World Wide Fund for Nature
		WWF-SA	World Wide Fund for Nature, South Africa
		ZSL	Zoological Society of London