

AII

Annex II: Acronyms

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|----------------|---|----------------------|--|
| µatm | Microatmospheres | BET | Basic Energy systems, Economy, Environment, and End-use Technology Model |
| 1.5DS | 1.5 Degree Scenario | BEV | Battery Electric Vehicle |
| 2DS | 2 Degree Scenario | BNEF | Bloomberg New Energy Finance |
| ACCESS | Australian Community Climate and Earth-System Simulator | BNU | Beijing Normal University |
| ACCMIP | Atmospheric Chemistry and Climate Model Intercomparison Project | BRT | Bus Rapid Transit |
| ACCRN | The Asian Cities Climate Change Resilience Network | cm | Centimetres |
| ACOLA | Australian Council of Learned Academies | C | Carbon |
| ACs | Air Conditioners | CA | Conservation Agriculture |
| ADB | Asian Development Bank | CAF | Corporacion Andina de Fomento (Development Bank of Latin America) |
| ADVANCE | Advanced Model Development and Validation for the Improved Analysis of Costs and Impacts of Mitigation Policies | CAM | Central America/Mexico or Community Atmosphere Model |
| AEZ | Agro-Ecological Zone | CAMx | Comprehensive Air Quality Model with Extensions |
| AfDB | African Development Bank | CanESM | Canadian Earth System Model |
| AFOLU | Agriculture, Forestry and Other Land-Use | CanRCM | Canadian Regional Climate Model |
| AGCM | Atmospheric General Circulation Model | CAR | Small Islands Regions Caribbean |
| AI | Artificial Intelligence | CAS | Central Asia |
| AIM | Asia-Pacific Integrated Model | Cat-HM | Catchment-scale Hydrological Models |
| ALA | Alaska/Northwest Canada | CbA | Community-based Adaptation |
| AMAP | Arctic Monitoring and Assessment Programme | CBA | Cost-Benefit Analysis |
| AMOC | Atlantic Meridional Overturning Circulation | CBD | Convention on Biological Diversity |
| AMP | Adjusting Mitigation Pathway | CBDR-RC | Common But Differentiated Responsibilities and Respective Capabilities |
| AMZ | Amazon | CBS & GNH | Centre for Bhutan Studies and Gross National Happiness Research |
| ANT | Antarctica | CC | Carbon Capture |
| APEX | Air Pollutants Exposure Model | CCAM | Conformal Cubic Atmospheric Model |
| AR | Afforestation and Reforestation | CCC | Constant Composition Commitment |
| AR4 | IPCC Fourth Assessment Report | CCCma | Canadian Centre for Climate Modelling and Analysis |
| AR5 | IPCC Fifth Assessment Report | CCRIF | Caribbean Catastrophe Risk Insurance Facility |
| AR6 | IPCC Sixth Assessment Report | CCS | Carbon dioxide Capture and Storage |
| ARC | Arctic | CCSM | Community Climate System Model |
| ASEAN | Association of Southeast Asian Nations | CCT | Cirrus Cloud Thinning |
| ASIA | Non-OECD Asia | CCU | Carbon dioxide Capture and Utilisation |
| AUD | Australian Dollar | CCUS | Carbon dioxide Capture, Utilisation and Storage |
| B2DS | Beyond 2 Degrees Scenario | CDD | Consecutive Dry Days |
| BASIC | Brazil, South Africa, India, China | CD-LINKS | Linking Climate and Development Policies – Leveraging International Networks and Knowledge Sharing |
| BC | Black Carbon | CDM | Clean Development Mechanism |
| BCC-CSM | Beijing Climate Center Climate System Model | CDP | Carbon Disclosure Project |
| BCM | Bergen Climate Model | CDR | Carbon Dioxide Removal |
| BECCS | Bioenergy with Carbon dioxide Capture and Storage | | |

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| CEA | Cost-Effectiveness Analysis | CRISPR | Clustered Regularly Interspaced Short Palindromic Repeats |
| CEC | Clean Energy Council | C-ROADS | Climate Rapid Overview And Decision-support Simulator |
| CEDS | Community Emissions Data System | CRU | Climatic Research Unit |
| CEMICS | Contextualizing Climate Engineering and Mitigation: Illusion, Complement or Substitute? | CSA | Climate-Smart Agriculture |
| CES | Constant Elasticity of Substitution | CSC | Climate Service Center Germany |
| CESM | Community Earth System Model | CSDI | Cold Spell Duration Index |
| CEU | Central Europe | CSIRO | Commonwealth Scientific and Industrial Research Organisation |
| CFCs | Chlorofluorocarbons | CSP | Concentrated Solar Power |
| CGCM | Coupled Global Climate Model | CSR | Corporate Social Responsibility |
| CGE | Computable General Equilibrium | CTC | Covenant Territorial Coordinator |
| CGI | Canada/Greenland/Iceland | CWD | Consecutive Wet Days |
| CGIAR | Consultative Group on International Agricultural Research | DACCS | Direct Air Carbon dioxide Capture and Storage |
| CH₄ | Methane | DACS | Direct Air Capture and Storage |
| CHP | Combined Heat and Power | DALY | Disability Adjusted Life Year |
| CI | Confidence Interval | DICE | Dynamic Integrated Climate-Economy model |
| CIRED | Centre International de Recherche sur l'Environnement et le Développement | DJF | December, January, February |
| CISL | Cambridge Institute for Sustainability Leadership | DM8H | Daily Maximum 8-Hour exposure |
| CLM | Climate Limited-area Modelling | DNE21+ | Dynamic New Earth 21 model |
| CMAQ | Community Multiscale Air Quality Modeling System | DOE | Department of Energy (USA) |
| CMIP3 | Coupled Model Intercomparison Project Phase 3 | DRI | Direct Reduced Iron |
| CMIP5 | Coupled Model Intercomparison Project Phase 5 | DRM | Disaster Risk Management |
| CMIP6 | Coupled Model Intercomparison Project Phase 6 | DTU | Technical University of Denmark |
| CNA | Central North America | E | Equilibrium, Evaporation or Evapotranspiration |
| CNRM | Centre National de Recherches Météorologiques | EAF | East Africa |
| CO | Carbon monoxide | EAIS | East Antarctic Ice Sheet |
| CO₂ | Carbon dioxide | EAS | East Asia |
| CO₂e | Carbon dioxide equivalent | EbA | Ecosystems-based Adaptation |
| CO₂eq | Carbon dioxide equivalent | EC | European Commission |
| CoM | Covenant of Mayors | ECF | European Climate Foundation |
| COP | Conference of the Parties | ECMWF | European Centre for Medium-Range Weather Forecasts |
| COPPE-COFFEE | Programa de Planejamento Energético – COmputable Framework For Energy and the Environment | ECS | Equilibrium Climate Sensitivity |
| CORDEX | Coordinated Regional Climate Downscaling Experiment | EDGAR | Emission Database for Global Atmospheric Research |
| COSMO | Consortium for Small-scale Modeling | EEA | European Environment Agency |
| CRCM | Canadian Regional Climate Model | EGMAM | ECHO-G Middle Atmosphere Model |
| CRDPs | Climate-Resilient Development Pathways | E-HYPE | European Hydrological Predictions for the Environment |
| CRIEPI | Institut Central de Recherche des Industries Électriques | EJ | Exajoules |
| | | EMEP | European Monitoring and Evaluation Programme |

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| EMF | Energy Modeling Forum | F-gas | Fluorinated gases |
| EMIC | Earth-system Model of Intermediate Complexity | FGOALS | Flexible Global Ocean-Atmosphere-Land System model |
| ENA | East North America | FIO | First Institute of Oceanography |
| ENSO | El Niño-Southern Oscillation | FMNR | Farmer Managed Natural Regeneration |
| EOR | Enhanced Oil Recovery | FUND | Climate Framework for Uncertainty, Negotiation, and Distribution model |
| EPA | Environmental Protection Agency (USA) | FUSSR | Former Union of Soviet Socialist Republics |
| EPIs | Energy-Intensive Processing Industries | g | Grams |
| ERA | ECMWF ReAnalysis | GAMS | General Algebraic Modeling System |
| ERF | Effective Radiative Forcing | GBAM | Ground-Based Albedo Modification |
| ERFaci | Effective Radiative Forcing from aerosol-cloud interactions | GCAM | Global Change Assessment Model |
| ERFari | Effective Radiative Forcing from aerosol-radiation interactions | GCC | Gulf Cooperative Council |
| ESCOs | Energy Service Companies | GCEC | Global Commission on the Economy and Climate |
| ESL | Extreme Sea Level | GCM | General Circulation Model or Global Climate Model |
| ESM | Earth System Model | GCP | Global Carbon Project |
| ESR | Empirical Scaling Relationship | GDP | Gross Domestic Product |
| ESRB ASC | European Systemic Risk Board Advisory Scientific Committee | GE | General Equilibrium |
| ESRL | NOAA Earth System Research Laboratory | GEA | Global Energy Assessment |
| Eta-CPTEC | Eta Centro de Previsão do Tempo e Estudos Climáticos | GEM-E3 | General Equilibrium Model for Economy - Energy - Environment |
| ETP | Pacific Islands region [3] or Energy Technology Perspectives model | GENeSYS-MOD | Global Energy System Model |
| ETS | Emission Trading Scheme | GeSI | Global e-Sustainability Initiative |
| EU | European Union | GFCF | Gross Fixed Capital Formation |
| EU-FP6 | European Union Sixth Framework Programme | GFDL | Geophysical Fluid Dynamic Laboratory |
| EUG4 | France, Germany, Italy, United Kingdom | GFR | Grid Flexibility Resources |
| EURO-CORDEX | European branch of the Coordinated Regional Climate Downscaling Experiment | Gha | Gigahectares |
| EV | Electric Vehicle | GHCNDEX | Global Historical Climatology Network – Daily climate Extremes |
| EW | Enhanced Weathering | GHGs | Greenhouse Gases |
| FAIR | Finite Amplitude Impulse Response model | GHM | Global Hydrological Models |
| FAO | Food and Agriculture Organization of the United Nations | GIS | Greenland Ice Sheet |
| FAOSTAT | Database Collection of the Food and Agriculture Organization of the United Nations | GISS | Goddard Institute for Space Studies |
| FAQ | Frequently Asked Questions | GISTEMP | Goddard Institute for Space Studies Surface Temperature Analysis |
| FARM | Future Agricultural Resources Model | GJ | Gigajoules |
| Fe | Iron | GLEAM | Global Livestock Environmental Assessment Model |
| FE | Final Energy | Glob-HM | Global Hydrological Model |
| FEMA | Federal Emergency Management Agency (USA) | GLOBIOM | GLObal BIOSphere Management model |
| FF | Fossil Fuel | GLOFs | Glacial Lake Outburst Floods |
| FF&I | Fossil-Fuel combustion and Industrial processes | GM | Genetically Modified |
| | | GMO | Genetically Modified Organism |
| | | GMSL | Global Mean Sea Level |

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| GMST | Global Mean Surface Temperature | ICSU | International Council for Science |
| GMT | Global Mean Temperature | ICT | Information and Communication Technology |
| GNHI | Gross National Happiness Index | IEA | International Energy Agency |
| GPP | Gross Primary Productivity | IEAGHG | IEA Greenhouse Gas R&D Programme |
| GPT | General Purpose Technologies | IFAD | International Fund for Agricultural Development |
| GRAPE | Global Relationship Assessment to Protect the Environment model | IFPRI | International Food Policy Research Institute |
| GSAT | Global mean Surface Air Temperature | IGCC | Integrated Gasification Combined Cycle |
| Gt | Gigatonne | IIASA | International Institute for Applied Systems Analysis |
| GTP | Global Temperature-change Potential | IIF | Institute of International Finance |
| GWA | Government of Western Australia | iLUC | Indirect Land-Use Change |
| GWP | Global Warming Potential or Gross World Product | IMACLIM-NLU | IMPact Assessment of CLIMate policies model – Nexus Land-Use model |
| ha | Hectares | IMAGE | Integrated Model to Assess the Global Environment |
| H₂ | Hydrogen | IMF | International Monetary Fund |
| HadCM | Hadley Centre Coupled Model | IMO | International Maritime Organization |
| HadCRUT | Hadley Centre Climatic Research Unit Gridded Surface Temperature Data Set | IMPACT2C | Quantifying Projected Impacts under 2°C Warming |
| HadEX | Hadley Centre Global Climate Extremes index | INDCs | Intended Nationally Determined Contributions |
| HadGEM | Hadley Centre Global Environmental Model | INM | Russian Institute for Numerical Mathematics |
| HadRM | Hadley Centre Regional Model | IOM | International Organization for Migration |
| HAPPI | Half a degree Additional warming, Prognosis and Projected Impacts | IoT | Internet of Things |
| HDV | Heavy-Duty Vehicle | IPCC | Intergovernmental Panel on Climate Change |
| HEV | Hybrid Electric Vehicle | IPSL | Institute Pierre Simon Laplace |
| HFCs | Hydrofluorocarbons | IRENA | International Renewable Energy Agency |
| HLCCP | High-Level Commission on Carbon Prices | ISIMIP | Inter-Sectoral Impact Model Intercomparison Project |
| HLPE | High Level Panel of Experts on Food Security and Nutrition | ISO | International Standards Organisation |
| HSRTF | Hurricane Sandy Rebuilding Task Force | ISSC | International Social Science Council |
| HTM | Holocene Thermal Maximum | ITF | International Transport Forum |
| HYMOD | HYdrological MODel | IUCN | International Union for Conservation of Nature |
| IAEA | International Atomic Energy Agency | IWG | Interagency Working Group on Social Cost of Greenhouse Gases |
| IAMC | Integrated Assessment Modelling Consortium | IWRM | Integrated Water Resources Management |
| IAMs | Integrated Assessment Models | JeDi | Jena Diversity-Dynamic Global Vegetation Model |
| IBA | International Bar Association | JJA | June, July, August |
| IBI | International Biochar Initiative | JMA | Japan Meteorological Agency |
| ICAMS | Integrated Climate and Air Quality Modeling System | JRA-55 | Japanese 55-year Reanalysis |
| ICEM | International Centre for Environmental Management | JRC | European Commission – Joint Research Centre |
| ICLEI | International Council for Local Environmental Initiatives | JULES | Joint United Kingdom Land Environment Simulator |
| ICPDR | International Commission for the Protection of the Danube River | kcal cap⁻¹ day⁻¹ | Kilocalories per capita per day |
| | | km | Kilometres |
| | | kt | Kilotonnes |
| | | kWh | Kilowatt hours |

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| KNMI | Koninklijk Nederlands Meteorologisch Instituut (Royal Netherlands Meteorological Institute) | MER | Market Exchange Rates |
| L | Litres | MERET | Managing Environmental Resources to Enable Transitions |
| L&D | Loss and Damage | MERGE-ETL | Model for Evaluating Regional and Global Effects of greenhouse gas reduction policies – Endogenous Technology Learning |
| LAM | Latin America and Caribbean | MESSAGE | Model for Energy Supply Systems And their General Environmental impact |
| LDCs | Least Developed Countries | Mha | Megahectare |
| LDMz-INCA | Laboratoire de Météorologie Dynamique – INteractions between Chemistry and Aerosols | MIROC | Model for Interdisciplinary Research on Climate |
| LDV | Light-Duty Vehicle | MISI | Marine Ice Sheet Instability |
| LE | Limited Evidence | MIT IGSM | Massachusetts Institute of Technology Integrated Global System Model |
| LED | Low Energy Demand or Light Emitting Diode | MJ | Megajoules |
| LGM | Last Glacial Maximum | MoCC | Ministry of Climate Change and Adaptation (Government of Vanuatu) |
| LIG | Last Interglacial | MOHC | Met Office Hadley Centre |
| LLCFs | Long-Lived Climate Forcers | MOPEX | Model Parameter Estimation Experiment |
| LNG | Liquefied Natural Gas | MPAs | Marine Protected Areas |
| LPG | Liquefied Petroleum Gas | MPI | Max-Planck-Institut für Meteorologie (Max Planck Institute for Meteorology) |
| LPJmL | Lund-Potsdam-Jena managed Land model | MPWP | Mid Pliocene Warm Period |
| LTA | Land Transport Authority of Singapore | MRFCJ | Mary Robinson Foundation – Climate Justice |
| LTGG | Long-Term Global Goal | MRI | Meteorological Research Institute of Japan Meteorological Agency |
| LUC | Land-Use Change | MRV | Measurement, Reporting and Verification |
| LULUCF | Land Use, Land-Use Change, and Forestry | MSR | Multi-Sector Risk score |
| m | Metres | Mt | Megatonnes |
| m³ cap⁻¹ yr⁻¹ | Cubic metres per capita per year | N | Nitrogen |
| mg | Milligrams | N₂O | Nitrous oxide |
| mL | Millilitres | NAP | National Adaptation Plan |
| mm | Millimetres | NAS | North Asia |
| M&E | Monitoring and Evaluation | NASA | National Aeronautics and Space Administration |
| Ma | Million years ago | NASEM | National Academies of Sciences, Engineering, and Medicine |
| MAC | Marginal Abatement Cost | NAU | North Australia |
| MacPDM | Macro-scale – Probability-Distributed Moisture Model | NCAR | National Center for Atmospheric Research |
| MAGICC | Model for the Assessment of Greenhouse Gas Induced Climate Change | NCCARF | National Climate Change Adaptation Research Facility |
| MAgPIE | Model of Agricultural Production and its Impact on the Environment | NCE | New Climate Economy |
| MAM | March, April, May | NDCs | Nationally Determined Contributions |
| MCB | Marine Cloud Brightening | NEA | Nuclear Energy Agency |
| MCCA | Mercado Común Centroamericano | NEB | North-East Brazil |
| MDB | Group of Multilateral Development Banks | NEC | National Environment Commission (Royal Government of Bhutan) |
| MDGs | Millennium Development Goals | | |
| MEA | Millennium Ecosystem Assessment | | |
| MED | South Europe/Mediterranean | | |
| MEPS | Minimum Energy Performance Standards | | |

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| NETL | National Energy Technology Laboratory (US Department of Energy) | PDSI | Palmer Drought Severity Index |
| NEU | North Europe | PE | Primary Energy or Partial Equilibrium |
| NF₃ | Nitrogen trifluoride | PET | Physiologically Equivalent Temperature or Potential Evapo-Transpiration |
| NGO | Non-Governmental Organization | PFCs | Perfluorocarbons |
| NH₃ | Ammonia | Pg | Petagrams |
| NHD | Number of Hot Days | PHEV | Plug-in Hybrid Electric Vehicle |
| NITI Aayog | National Institution for Transforming India | PIK | Potsdam-Institut für Klimafolgenforschung (Potsdam Institute for Climate Impact Research) |
| NM VOC | Non-Methane Volatile Organic Compounds | PM₁₀ | Particulate Matter with Aerodynamic Diameter <10 µm |
| NOAA | National Oceanic and Atmospheric Administration | PM_{2.5} | Particulate Matter with Aerodynamic Diameter <2.5 µm |
| NorESM | Norwegian Earth System Model | POLES | Prospective Outlook on Long-term Energy Systems model |
| NO_x | Nitrogen oxides | PPP | Purchasing Power Parity |
| NPCC | New York City Panel on Climate Change | PR | Probability Ratio |
| NPP | Net Primary Productivity | PV | Photovoltaics |
| NPV | Net Present Value | R&D | Research and Development |
| NRC | National Research Council | RCA | Rosby Centre Regional Atmospheric Model |
| NSR | Northern Sea Route | RCI | Rotterdam Climate Initiative |
| NTP | Pacific Islands region [2] | RCM | Regional Climate Model |
| NYC | New York City | RCPs | Representative Concentration Pathways |
| NZAGRC | New Zealand Agricultural Greenhouse Gas Research Center | REDD+ | Reducing Emissions from Deforestation and forest Degradation; and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries |
| O₂ | Oxygen | ReEDS-IPM | Regional Electricity Deployment System model – Integrated Planning Model |
| O₃ | Ozone | RegCM | Regional Climate Model system |
| OA | Ocean Acidification or Ocean Alkalinization | REMIND | REgional Model of INvestments and Development |
| OC | Organic Carbon | REN21 | Renewable Energy Policy Network for the 21st Century |
| OECD | Organisation for Economic Co-operation and Development | RF | Radiative Forcing |
| OGCC | Optimal Gasification Combined Cycle | RFC | Reason for Concern |
| OHCHR | Office of the United Nations High Commissioner for Human Rights | RGoB | Royal Government of Bhutan |
| OIF | Ocean Iron Fertilisation | RMI | Rocky Mountain Institute |
| ORCHIDEE | ORganising Carbon and Hydrology In Dynamic EcosystEms model | RNCFC | Reference Non-CO ₂ Forcing Contribution |
| ORR | NYC Mayor's Office of Recovery & Resiliency | RNCTC | Reference Non-CO ₂ Temperature Contribution |
| OS | Overshoot | Rx1day | Annual maximum 1-day precipitation |
| pp | People | Rx5day | Annual maximum 5-day precipitation |
| ppb | Parts per billion | SAF | Southern Africa |
| ppm | Parts per million | SAH | Sahara |
| ppt | Parts per thousand | SAI | Stratospheric Aerosol Injection |
| P | Precipitation or Phosphorous | | |
| PAGE | Policy Analysis of the Greenhouse Effect model | | |
| PAHO | Pan American Health Organization | | |
| PCM | Parallel Climate Model | | |

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| SAMS | South American Monsoon System | SREX | IPCC Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation |
| SAR | IPCC Second Assessment Report | SRM | Solar Radiation Modification |
| SAS | South Asia | SROCC | IPCC Special Report on the Ocean and Cryosphere in a Changing Climate |
| SAT | Surface Air Temperature | SSA | Southeastern South America |
| SAU | South Australia/New Zealand | SSPs | Shared Socioeconomic Pathways |
| SBSTA | Subsidiary Body for Scientific and Technological Advice (UNFCCC) | SST | Sea Surface Temperature |
| SCC | Social Cost of Carbon | STP | Southern Tropical Pacific |
| SCS | Soil Carbon Sequestration | SWAT | Soil & Water Assessment Tool |
| SD | Sustainable Development | SWF | Social Welfare Function |
| SDGs | Sustainable Development Goals | SYR | IPCC Synthesis Report |
| SDGVM | Sheffield Dynamic Global Vegetation Model | t | Tonnes |
| SDII | Simple Daily Intensity Index | tDM | Tonnes Dry Matter |
| SDSN | Sustainable Development Solutions Network | tril\$ | Trillion dollars |
| SEA | Southeast Asia | T | Temperature or Transient |
| SEAPs | Sustainable Energy Action Plans | T&D | Transmission and Distribution |
| SED | Structured Expert Dialogue | TCR | Transient Climate Response |
| SEM | Semi-Empirical Model | TCRE | Transient Climate Response to cumulative CO ₂ Emissions |
| SF₆ | Sulphur hexafluoride | TEAP | Technology and Economic Assessment Panel |
| SFM | Sustainable Forest Management | TFE | Thematic Focus Element |
| SIDS | Small Island Developing States | TFP | Total Factor Productivity |
| SIFMA | Securities Industry and Financial Markets Association | Tg | Teragrams |
| SLCFs | Short-Lived Climate Forcers | TIB | Tibetan Plateau |
| SLCPs | Short-Lived Climate Pollutants | TNn | Coldest night-time temperature of the year |
| SLR | Sea Level Rise | TOD | Transit Oriented Development |
| SM | Supplementary Material | TS | Technical Summary |
| SMA | Soil Moisture Anomalies | Tt | Teratonnes |
| SMHI | Swedish Meteorological and Hydrological Institute | TTs | Transition Towns |
| SO₂ | Sulphur dioxide | TXx | Hottest daytime temperature of the year |
| SOLARIS HEPPA | SOLARIS High Energy Particle Precipitation in the Atmosphere | UCCRN | Urban Climate Change Research Network |
| SON | September, October, November | UHI | Urban Heat Islands |
| SO_x | Sulphur oxides | UITP | Union Internationale des Transports Publics (International Association of Public Transport) |
| SPAs | Shared climate Policy Assumptions | UKCP | United Kingdom Climate Projections |
| SPC | Secretariat of the Pacific Community | UN | United Nations |
| SPEI | Standardized Precipitation Evapotranspiration Index | UN DESA | United Nations Department of Economic and Social Affairs |
| SPI | Standardised Precipitation Index | UNCBD | United Nations Convention on Biological Diversity |
| SPM | Summary for Policymakers | UNDP | United Nations Development Programme |
| SR1.5 | IPCC Special Report on Global Warming of 1.5°C | UNEP | UN Environment |
| SRCLL | IPCC Special Report on Climate Change and Land | | |
| SRES | IPCC Special Report on Emissions Scenarios | | |

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| UNEP-WCMC | UNEP World Conservation Monitoring Centre | WGII | IPCC Working Group II |
| UNESCO | United Nations Educational, Scientific and Cultural Organization | WGIII | IPCC Working Group III |
| UNFCCC | United Nations Framework Convention on Climate Change | WHO | World Health Organization |
| UNGA | United Nations General Assembly | WIM | Warsaw International Mechanism for Loss and Damage |
| UNICEF | United Nations International Children's Emergency Fund | WIO | West Indian Ocean |
| UNISDR | United Nations Office for Disaster Risk Reduction | WITCH | World Induced Technical Change Hybrid Model |
| UN-OHRLS | Office of the High Representative for the Least Developed Countries, Landlocked Developing Countries and Small Island Developing States | WMGHGs | Well-Mixed Greenhouse Gases |
| UNRISD | United Nations Research Institute for Social Development | WMO | World Meteorological Organization |
| UNSCEAR | United Nations Scientific Committee on the Effects of Atomic Radiation | WNA | West North America |
| UNU | United Nations University | WRF | Weather Research and Forecasting |
| UNU-EHS | United Nations University – Institute for Environment and Human Security | WSA | West Coast South America |
| USD | United States Dollars | WSDI | Warm Spell Duration Index |
| UV | Ultraviolet | WTO | World Trade Organization |
| VISIT | Vegetation Integrative Simulator for Trace Gases | yr | Year |
| VKT | Vehicle Kilometres of Travel | ZEC | Zero Emissions Commitment |
| VOCs | Volatile Organic Compounds | | |
| w/ | With | | |
| w/o | Without | | |
| w.r.t. | With respect to | | |
| W | Watts | | |
| WAF | West Africa | | |
| WAIS | West Antarctic Ice Sheet | | |
| WAS | West Asia | | |
| WBCSD | World Business Council for Sustainable Development | | |
| WBGU | Wissenschaftlicher Beirat der Bundesregierung Globale Umweltveränderungen (German Advisory Council on Global Change) | | |
| WBM | Water Balance Model | | |
| WCED | World Commission on Environment and Development | | |
| WCRP | World Climate Research Programme | | |
| WEC | World Energy Council | | |
| WEF | Water-Energy-Food or World Economic Forum | | |
| WEM | World Energy Model | | |
| WEO | World Energy Outlook | | |
| WFP | World Food Programme | | |
| WGI | IPCC Working Group I | | |

