

C Abbreviations

AR4	IPCC's Fourth Assessment Report
ASI	Agenzia Spaziale Italiana
BNSC	British National Space Centre
CAST	Chinese Academy of Space Technology
CCRS	Canada Centre for Remote Sensing
CDTI	Centre for the Development of Industrial Technology
CEO	CEOS Executive Officer
CEOP	Coordinated Enhanced Observing Period
CEOS	Committee on Earth Observation Satellites
CFCs	Chlorofluorocarbons
CGMS	Coordinating Group for Meteorological Satellites
CLIVAR	Climate Variability and Predictability
CNES	Centre National d'Etudes Spatiale
CONAE	Comisión de Actividades Espaciales
COP	Conference of the Parties
CRESDA	Centre for Resources Satellite Data and Applications
CRI	Crown Research Institute
CSA	Canadian Space Agency
CSD	United Nations Commission for Sustainable Development
CSIR	Satellite Applications Centre (SAC)/ Council for Scientific and Industrial Research
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DEM	Digital Elevation Model
DLR	Deutsches Zentrum für Luft-und Raumfahrt
DMSG	Ad Hoc Working Group on Disaster Management Support
DoD	US Department of Defense
EC	European Commission
ECMWF	European Centre for Medium-Range Weather Forecasting
ENSO	El Niño-Southern Oscillation
EO	Earth Observation
EPS	EUMETSAT Polar System
ERB	Earth Radiation Budget
ESA	European Space Agency
ESCAP	Economic and Social Commission of Asia and the Pacific
EU	European Union
EUMETSAT	European Organisation for the Exploitation of Meteorological Satellites
FAO	Food and Agriculture Organization
FCDR	Fundamental Climate Data Record
FIR	Far Infrared
FAPAR	Fraction of Absorbed Photosynthetically Active Radiation
GAW	Global Atmosphere Watch
GCMPs	GCOS Climate Monitoring Principles
GCOS	Global Climate Observing System
GEO	Ad-hoc Group on Earth Observations
GEOS	Global Earth Observing System of Systems
GEWEX	The Global Energy and Water Cycle Experiment
GFMC	Global Fire Monitoring Center
GIS	Geographic Information Systems
GISTDA	Geo-Informatics and Space Technology Development Agency
GLOSS	Global Sea Level Observing System
GMES	Global Monitoring for Environment and Security

GOFC-GOLD	Global Observation of Forest and Land Cover Dynamics
GOOS	Global Ocean Observing System
GPS	Global Positioning Satellites
GSICS	Global Space-based Intercalibration System
GTOS	Global Terrestrial Observing System
ICSU	International Council for Science
IDNDR	International Decade for Natural Disaster Reduction
IGACO	The Integrated Global Atmospheric Chemistry Observations
IGBP	International Geosphere-Biosphere Programme
IGCO	Integrated Global Carbon Observation
IGOL	International Global Observations of Land
IGOS	Integrated Global Observing Strategy
IGOS-P	Integrated Global Observing Strategy Partnership
IGWCO	International Global Water Cycle Observations Theme
IHDP	International Human Dimensions Programme
INPE	Instituto Nacional de Pesquisas Espaciais
IOC	Inter-governmental Oceanographic Commission
IOCCG	International Ocean Colour Coordinating Group
IP	Implementation Plan
IPCC	Intergovernmental Panel on Climate Change
IPY	International Polar Year
IR	Infrared
ISCCP	International Satellite Cloud Climatology Project
ISDR	International Strategy for Disaster Reduction
ISPRS	International Society for Photogrammetry and Remote Sensing
ISRO	Indian Space Research Organisation
JAXA	Japan Aerospace Exploration Agency
KARI	Korea Aerospace Research Institute
KNMI	Royal Netherlands Meteorological Institute
LAI	Leaf Area Index
LIDAR	LIght Detection And Ranging instruments
LSI	Land Surface Imaging
LST	Local Solar Time
MEXT	Ministry of Education, Culture, Sports, Science and Technology
MWIR	Medium Wave Infrared
NASA	National Aeronautics and Space Administration
NASDA	National Space Development Agency of Japan
NASRDA	National Space Research and Development Agency of Nigeria
NDVI	Normalised Difference Vegetation Indices
NGOs	Non-governmental organisations
NIR	Near Infrared
NOAA	National Oceanic and Atmospheric Administration
NRSC	Norwegian Space Centre
NRSCC	National Remote Sensing Center of China
NSAU	National Space Agency of Ukraine
NWP	Numerical Weather Prediction
OSTC	Federal Office for Scientific, Technical and Cultural Affairs
REDD	Reducing Emissions from Deforestation in Developing Countries
RO	Radio Occultation
Roshydromet	Russian Federal Service for Hydrometeorology and Environment Monitoring

Roscosmos	Russian Aviation and Space Agency
SAR	Synthetic Aperture Radar
SBA	Societal Benefit Area
SIT	Strategic Implementation Team
SNSB	Swedish National Space Board
SST	Sea surface temperature
SWIR	Short-wave Infrared
TAR	Third Assessment Report of the IPCC
TCO	Terrestrial Carbon Observations
TIR	Thermal Infrared
TOA	Top of atmosphere
TSI	Total solar irradiance
UNEP	United Nations Environment Programme
UNFCCC	United Nations Framework Convention on Climate Change
UNOOSA	United Nations Office of Outer Space Affairs
USGS	United States Geological Survey
UV	Ultraviolet
VIS	Visible
WCRP	World Climate Research Programme
WGCV	Working Group on Calibration and Validation
WGEDU	Working Group on Earth Observation Education, Training, and Capacity Building
WGISS	Working Group on Information Systems and Services
WMO	World Meteorological Organization
WWC	World Water Council
WWW	World Weather Watch