

## ACRONYMS AND ABBREVIATIONS

ADB	Asian Developing Bank
APN	Asia-Pacific Network for Global Change Research
ASEAN	Association of Southeast Asian Nations
AVHRR	Advanced Very High Resolution Radiometer
BAHC	Biospheric Aspects of the Hydrological Cycle (IGBP)
BATAN	Reactor and Nuclear Research Facilities of the National Atomic Energy Agency
BMG	Meteorological and Geophysics Agency
BOD	Biochemical Oxygen Demand
BPPT	Agency for Assessment and Application of Technology
BSIP	Birban Sahani Institute of Paleobotany
CAA	Central Arid Asia (START)
CAS	Chinese Academy of Science
CCCCO	Committee on Climatic Changes and the Ocean (SCOR-IOC)
CEOS	Committee of Earth Observations Satellites
CERN	Chinese Ecological Research Network
CFC	Chlorofluorocarbon
CIESIN	Consortium for International Earth Science Information Network
CLRI	Central Leather Research Institute
C-MACCS	Centre for Mathematical Modeling and Computer Simulation
COSPAR	Committee on Space Research (ICSU)
CPO	Core Project Office
CREN	Chemical Research and Environmental Needs
CREO	Cryosphere Research on Qingzang Plateau
CSIR	Council of Scientific and Industrial Research
CSIRO	Commonwealth Scientific and Industrial Research Organization
DASET	Department of the Arts, Sports, the Environment and Territories
DAT	Department of Science and Technology
DGVM	Dynamic Global Vegetation Model
DIC	Dissolved Inorganic Carbon
DIS	Data and Information System (IGBP)
DIW	Department of Industrial Works
DOC	Dissolved Organic Carbon
DOS	Department of Space
DOST	Department of Science and Technology
DST	Department of Science and Technology
EAWEP	East Asia and Western Pacific
ENSO	El Niño-Southern Oscillation
EOC	Earth Observation Center (NASDA)
ESA	Equatorial South America (START)
FACE	Free-Air CO <sub>2</sub> Enrichment
FAO	Food and Agricultural Organization
GAIM	Global Analysis, Interpretation and Modelling (IGBP)
GCM	General Circulation Model
GCOS	Global Climate Observing System (WMO / IOC / UNEP / ICSU)
GCTE	Global Change and Terrestrial Ecosystems (IGBP)
GEF	Global Environmental Facility (World Bank / UNDP / UNEP)
GEWEX	Global Energy and Water Cycle Experiment (WCRP)
GIS	Geographic Information System
GMS	Geostationary Meteorological Satellite
GOEVS	Global Ocean Euphotic Zone Study (IGBP)
GRID	Global Resource Information Database
HAGE	Human Activity and Global Environment
HDP	Human Dimensions of Global Environmental Change Programme (ISSC)
IAI	Inter-American Institute for Global Change Research
ICAR	Indian Council of Agricultural Research
ICSU	International Council of Scientific Unions
IGAC	International Global Atmospheric Chemistry Project (IGBP)
IGBP	International Geosphere-Biosphere Programme: A Study of Global Change
IGFA	Inter-Governmental Funding Agencies
IHP	International Hydrological Programme (UNESCO)
IPCC	Intergovernmental Panel on Climate Change (WMO / UNEP)

IIG	Indian Institute of Geomagnetism
ITM	Indian Institute of Tropical Meteorology
IMD	India Meteorological Department
IOC/UNESCO	Intergovernmental Oceanographic Council / UNESCO
ISLSCP	International Satellite Land-Surface Climatology Project
ISRO	Indian Space Research Organization
ISSC	International Social Science Council
ITRC	Industrial Toxicology Research Centre
IUBS	International Union of Biological Sciences
IUCN	International Union for the Conservation of Nature and Natural Resources
JGOFS	Joint Global Ocean Flux Study (IGBP / SCOR)
LAPAN	National Institute of Aeronautics and Space, Indonesia
LEMA	Long-term Ecological Modeling Activity
LIPI	Marine Pollution Monitoring Center and its Network of the Center for Research and Development in Oceanology
LOICZ	Land-Ocean Interactions in the Coastal Zone (IGBP)
MAB	Man and the Biosphere Programme (UNESCO)
MOS	Marine Observation Satellite
MSC	Meteorological Satellite Center
MST	Ministry of Environment and Science
NAAQ	National Ambient Air Quality
NAIC	Newly Agro-industrialized Country
NASA	National Aeronautics and Space Administration
NASA/EDC	NASA/Environmental Data Centre
NASDA	National Space Development Agency of Japan
NAST	National Academy of Science and Technology
NBRI	National Botanical Research Institute
NCMRWF	National Centre for Medium Range Weather Forecasting
NEB	National Environment Board
NESDP	National Economic and Social Development Plan
NGO	Non-Governmental Organization
NIAES	National Institute of Agro-Environment Sciences
NIC	Newly Industrialized Country
NIES	National Institute for Environmental Studies
NIO	National Institute of Oceanography
NISTEP	National Institute of Science and Technology Policy
NNSF	National Natural Science Foundation
NOAA	National Oceanic and Atmospheric Administration, USA
NPL	National Physical Laboratory
NRCP	National Research Council of the Philippines
NRSA	National Remote Sensing Agency
NSC	National Science Council
OAS	Organization of American States
OCE	Oceania (START)
ONEB	Office of National Environment Board
PAGES	Past Global Changes (IGBP)
PCSSD	Philippines Council for Sustainable Development
PANASH	Paleoclimates of the Northern and Southern Hemisphere
PRL	Physical Research Laboratory
PSA	Pacific Sciences Association
RNA	Ribonucleic Acid
RRC	Regional Research Centre (START)
RRN	Regional Research Network (START)
SAC	Satellite Application Centre
SAFISY	Space Agency Forum of the International Space Year
SAHC	South Asia Hydrological Cycle
SARCS	Southeast Asian Regional Committee for START
SCOPE	Scientific Committee on Problem of the Environment (ICSU)
SCOR	Science Committee on Oceanic Research
SCST	State Commission of Science and Technology Survey of India
SOI	Survey of India
SPARC	Stratospheric Processes and Their Role in Climate
SPM	Suspended Particulate Matter
SPOT	Système pour l'Observation de la Terre

SSC	Scientific Steering Committee
STAP	Scientific and Technical Advisory Panel (GEF)
START	Global Change System for Analysis, Research and Training (IGBP)
STIB	Stratosphere-Troposphere Interaction and the Biosphere (IGBP)
TABLE	Tsukuba Atmospheric Boundary Layer Experiment
TAM	Tropical Asian Monsoon Region (START)
TEA	Temperate East Asia (START)
TOGA	Tropical Ocean and Global Atmosphere (WCRP)
UNCED	United Nation Conference on Environment and Development
UNDP	United Nations Development Programme
UNEP	United Nations Environmental Programme
UNESCO	United Nation Education, Science and Cultural Organization
VSSC	Vikram Sarabhai Space Centre
WCRP	World Climate Research Programme (WMO / ICSU)
WDC	World Data Center (ICSU)
WIHG	Wadia Institute of Himalayan Geology
WMO	World Meteorological Organization
WOCE	World Ocean Circulation Experiment (WCRP)
ZEEI	Exclusive Economic Zone of Indonesia