Annex A

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Annex - B

LIST OF ACRONYMS

ADB Asian Development Bank, Manila, Philippines

ACURATE Atlantic Coast Unique Regional Atmospheric Tracer Experiment

AGU American Geophysical Union, Washington DC, USA

AMIS Air Management Information System (WHO, Healthy Cities)

ANATEX Across North America Tracer Experiment

API Air Pollution Index

ASCII American Standard Code for Information Interchange
ASEAN Association of South East Asian Nations, Tokyo, Japan
ASMA Alam Sekitar Malaysia Sdn Bhd, Kuala Lumpur, Malaysia

ASMC ASEAN Specialized Meteorological Center

ATM Atmospheric Transport Model ATSR Along Track Scanning Radiometer

AVHRR Advanced Very High Resolution Radiometer BIBEX Biomass Burning Experiment (IGBP-IGAC)

BIRD Bispectral InfraRed Detection microsatellite mission (DLR)

BLM US Bureau of Land Management

B[a]P Benzo[a]pyrene

CADR Clean Air Delivery Rate

CAPTEX Cross Appalachian Tracer Experiment

CAS Commission for Atmospheric Sciences of the WMO

CDAS Climate Data Assimilation System

CEN European Committee for Standardization

CEPIS Pan American Center for Sanitary Engineering and Environmental Sciences

CFC ChloroFluoroCarbon

CFR Code of Federal Regulations

CH. Methane

CIFOR Center for International Forestry Research

CMD Cyclopedic Medical Dictionary

CO Carbon monoxide CO₂ Carbon dioxide

COPD Chronic Obstructive Pulmonary Disease

CP Conference of the Parties CSA Canadian Space Agency

CSD Commission for Sustainable Development

CSIRO Commonwealth Scientific & Industrial Research Organization

CSR Centro de Sensoriamento Remoto of IBAMA (Centre for Remote Sensing)

CTBT Comprehensive Test Ban Treaty

DAO Data Assimilation Office at NASA's Goddard SFC, Maryland, USA
DLR Deutsches Zentrum für Luft- und Raumfahrt (German Aerospace Center)

DSMP Defense Meteorological Satellite Programme EC DG European Commission Directorate General

ECE Economic Commission for Europe

ECMWF European Center for Medium Range Weather Forecasts

ECPC Experimental Climate Prediction Center

EDC EROS Data Center

EEPSEA Economy and Environment Program for SE Asia

EHA Emergencies and Humanitarian Action, WHO, PHE, Geneva

ENSO El Niño Southern Oscillation

EOSDIS Earth Observing System Data and Information System

EOS-AM1 Earth Observing System satellite (now TERRA;

with images from orbits at 10 am)

EOS-PM1 Earth Observing System satellite (with images from orbits at 1 pm)

ERA ECMWF Re-analysis Archive

EROS Earth Resources Observation System of the USGS

ERS ESA Remote Sensing Satellite
ESA European Space Agency

ESRIN European Space Research Institute ETEX European Tracer Experiment

EU European Union

FAO Food and Agriculture Organization of the United Nations

FCCC Framework Convention on Climate Change

FGGE First GARP Global Experiment

GARP Global Atmospheric Research Programme (WMO)

GAW Global Atmosphere Watch
GEF Global Environmental Facility

GEMINI Global Emergency Management Information Network Initiative
GEMS Global Environmental Monitoring System (UNEP/WHO)

GFMC Global Fire Monitoring Center
GIS Geographic Information System
GLAS Geoscience Laser Altimeter System

GOES Geostationary Operational Environmental Satellite

GRIB Gridded Binary format

GURME GAW Urban Research Meteorology and Environment

HCHO Formaldehyde

HM Heavy Methane tracer

HNO₃ Nitric acid

H₂S₂ Hydrogen disulphide HSF Human Space Flight

IAEA International Atomic Energy Agency, Vienna, Austria

IBAMA Instituto Brasileiro Meio Ambiente Recursos Naturais Renováveis

(Brazilian Institute for the Environment and Renewable Natural Resources)

IBFRA International Boreal Forest Research Association

ICAO International Civil Aviation Organization

IDNDR International Decade for Natural Disaster Reduction IGAC International Global Atmospheric Chemistry (Project)

IGBP International Geosphere Biosphere Programme ILO International Labour Office, Geneva, Switzerland

ITTA International Tropical Timber Agreement
ITTC International Tropical Timber Council
ITTO International Tropical Timber Organization

IUFRO International Union of Forestry Research Organizations

INPE-CPTEC Instituto de Pesquisas Especiais (Civil Aerospace Agency of Brazil,

Sao José dos Campos, São Paulo, Brazil)

IPF Imagery Processing Facility

IR Infra Red radiation

ISO International Standards Organization

ISS International Space Station

ITTC International Tropical Timber Council ITTO International Tropical Timber Organization

JPL Jet Propulsion Laboratory
JRC Joint Research Centre, Ispra
LANDSAT LAND (Remote Sensing) Satellite

LIDAR Light Detection And Ranging instrument

LST Land-Surface Temperature

MAPS Measurement of Atmospheric Pollution from Satellites

METEOSAT Meteorological Satellite

MIDAS Manchester Information Datasets and Associated Services

MIR Russian "Peace" space station

MISR Multi-angle Imaging Spectro-Radiometer

MODIS Moderate Resolution Imaging Spectro-radiometer MOPITT Measurement of Pollution in the Troposphere

MTV Monitoring of the Tropical Vegetation NAAOS National Ambient Air Quality Standard

NASA National Aeronautics and Space Administration (United States)

NASDA National Space Development Agency (Japan)
NCAR National Center for Atmospheric Research

NCEP National Centers for Environmental Prediction (formerly NMC)

NDVI Normalized Difference Vegetation Index

NGO Non Governmental Organization

NH₃ Ammonia

NHAP National Haze Action Plan

NIOSH National institute for Occupational Safety and Health

NMC National Meteorological Center

NMHS National Meteorological and Hydrological Service

NO Nitrogen oxide NO, Nitrogen dioxide

NOAA National Oceanic and Atmospheric Administration of the United States

NO_x Nitrogen oxides

NWP Numerical Weather Prediction

O; Ozone

OCTS Ocean Color and Temperature Scanner

OEH Occupational and Environmental Health, WHO, PHE, Geneva

OH Hydroxyl radical

OSHA Occupational Safety and Health Administration
PAH Polycyclic (Polynuclear) Aromatic Hydrocarbons

PAHO Pan American Health Organization

PARTS Programme to Address ASEAN Regional Transboundary Smoke

PFT Per-Fluorocarbon Tracer

PHE Department for Protection of the Human Environment, WHO, Geneva

PM Particulate matter with no regard to size of particles

PM₁₀ Concentration of particles with aerodynamic particle diameters of less

than 10 micrometers

PM_{2.5} Concentration of particles with aerodynamic particle diameters of less

than 2.5 micrometers.

POLDER Polarization and Directionality of the Earth's Reflectances

PROARCO Programa de Prevenção e Controle de Queimadas e de Combate aos

Incêndios Florestais no ARCO do Desflorestamento da Amazônia

PSI Pollutant Standard Index of USEPA QA/QC Quality Assurance/Quality Control

RADARSAT Canadian Earth observation satellite (Canadian Space Agency/Canada Center

for Remote Sensing) with SAR equipment.

REM Radioactivity Environmental Monitoring data bank at JRC, Ispra

RHAP Regional Haze Action Plan

RISO Riso Research Institute, Roskilde, Denmark

RSMC Regional Specialized Meteorological Centers of the WMO SAFARI Southern Africa Fire-Atmosphere Research Initiative SAG Scientific Advisory Groups in the GAW programme SAR Synthetic Aperture Radar (a high-rate imaging technique)

SBRS Santa Barbara Remote Sensing

SFC Space Flight Center SO₂ Sulphur dioxide

SOP Standard Operating Procedure

SPOT Système Pour l'Observation de la Terre

STARE Southern Tropical Atlantic Regional Experiment TEOM Tapered Element Oscillating Microbalance

TOMS Total Ozone Mapping Spectrometer

TRACE-A Transport of Atmospheric Chemistry Experiment - Africa

TRACT Transport of Air Pollutants over Complex Terrain TRANSALP TRANSALPine atmospheric transport simulation

TRMM Tropical Rainfall Measuring Mission

TSP Total Suspended Particles

TWA Time Weighted Average concentration of emission for

determining the level of exposure

UK United Kingdom
UN United Nations

UNCED United Nations Conference on Environment and Development

(Rio de Janeiro, June 1992)

UNDP United Nations Development Programme

UNDRO United Nations Disaster Relief Organization (not operational any more)

UNECE United Nations Economic Commission for Europe

UNEP United Nations Environment Programme

UNESCO United Nations Educational, Scientific and Cultural Organization

USEPA United States Environmental Protection Agency

USA United States of America

USDA United States Department of Agriculture

USGS United States Geological Survey

UTC Universal Time, Coordinated (formerly Greenwich Mean Time)

UV Ultra Violet radiation

VIS Visible imagery

VOC	Volatile Organic Compounds
WHO	World Health Organization
WMO	World Meteorological Organiza

World Meteorological Organization World Wide Fund for Nature WWF