

# Appendix 4

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## ACRONYMS

AFFAS	Alternative Fluorocarbon Environmental Acceptability Study
AGCM	Atmosphere General Circulation Model
ALE/GAGE	Atmospheric Lifetime Experiment/Global Atmospheric Gases Experiment
AMIP	Atmospheric Model Intercomparison Project
ASF	Atmospheric Stabilization Framework
AVHRR	Advanced Very High Resolution Radiometer
BMRC	Bureau of Meteorology Research Centre, Australia
CAS	Commission for Atmospheric Sciences
CCC	Canadian Climate Centre
CCN	Cloud Condensation Nuclei
CEC	Commission of the European Communities
CHEMRAWN	Chemical Research Applied to World Needs
CIES	Climatic Impacts on the Environment and Society (Conference in Tsukuba, Japan, 1991)
CLW	Cloud Liquid Water
CNRM	Centre National de Recherches Météorologiques, France
CNRS	Centre National de la Recherche Scientifique, France
COADS	Comprehensive Ocean Air Data Set (USA)
CONCAWE	Conservation of Clean Air and Water, Europe (an oil companies organization)
CRU	Climatic Research Unit, University of East Anglia, UK
CSIRO	Commonwealth Scientific & Industrial Research Organisation, Australia
CW	Cloud Water
DJF	December-January-February
DSIR	Department of Scientific and Industrial Research, New Zealand
ECHAM	European Centre/Hamburg Model (ECMWF/MPI)
ECMWF	European Centre for Medium-Range Weather Forecasts, UK
EDF	Environmental Defense Fund, USA
EIS	Energy and Industry Sub-Group (of IPCC WG3)
ENSO	El Niño-Southern Oscillation
EOF	Empirical Orthogonal Function
EOS	Earth Observing System
EPA	Environmental Protection Agency, USA

ERBE	Earth Radiation Budget Experiment
ERL	Environmental Research Laboratory (NOAA), USA
FAO	Food and Agriculture Organization (of the UN)
FC	Fixed Cloud
FRAM	Fine Resolution Antarctic Model
GARP	Global Atmospheric Research Programme
GCM	General Circulation Model
GCOS	Global Climate Observing System
GDP	Gross Domestic Product
GEF	Global Environment Facility
GEMS	Global Environmental Monitoring System
GEWEX	Global Energy and Water Cycle Experiment
GFDL	Geophysical Fluid Dynamics Laboratory, USA
GISS	Goddard Institute of Space Sciences (NASA), USA
GNP	Gross National Product
GOSTA	Global Ocean Surface Temperature Atlas
GPP	Gross Primary Production
GSFC	Goddard Space Flight Center (NASA), USA
GWP	Global Warming Potential
IAEA	International Atomic Energy Agency
IAHS	International Association of Hydrological Sciences
ICRCCM	Intercomparison of Radiation Codes in Climate Models
ICSU	International Council of Scientific Unions
IEA	International Energy Agency
IGBP	International Geosphere-Biosphere Programme
INPE	Instituto Nacional de Pesquisas Espaciais, Brazil
IOC	International Ozone Commission
IOS	Institute of Oceanographic Sciences, UK
IPCC	Intergovernmental Panel on Climate Change
ISCCP	International Satellite Cloud Climatology Project
IS92	IPCC Scenarios 1992
IVIC	Instituto Venezolano de Investigaciones Cientificas, Venezuela
JJA	June-July-August
JMA	Japan Meteorological Agency
JSC	Joint Scientific Committee (of WMO and ICSU)
KNMI	Royal Netherlands Meteorological Institute
LLNL	Lawrence Livermore National Laboratory, USA
LMD	Laboratoire de Météorologie Dynamique du CNRS
LRTAP	Long-Range Transboundary Air Pollution
LWC	Liquid Water Content
MCA	Moist Convective Adjustment
MDB	Marine Data Bank (UKMO)
MEPA	Meteorological & Environmental Protection Administration, Saudi Arabia
NESDIS	National Environmental Satellite Data & Information Service (NOAA), USA
MGO	Main Geophysical Observatory, Russia
MIT	Massachusetts Institute of Technology, USA
MONEG	Monsoon Numerical Experimentation Group

MPI	Max-Planck Institute, Germany
MRI	Meteorological Research Institute, Japan
MSU	Microwave Sounding Unit
NACD	North Atlantic Climatological Dataset
NASA	National Aeronautics and Space Administration, USA
NATO	North Atlantic Treaty Organisation
NCAR	National Center for Atmospheric Research, USA
NERC	Natural Environment Research Council, UK
NGL	Natural Gas Liquids
NH	Northern Hemisphere
NMC	National Meteorological Center, USA
NOAA	National Oceanic and Atmospheric Administration, USA
NRDC	Natural Resources Defense Council, USA
NSF	National Science Foundation, USA
NWP	Numerical Weather Prediction
1-D	One Dimensional (also 2-D and 3-D)
ODP	Ozone Depletion Potential
OECD	Organization for Economic Cooperation and Development
OGCM	Ocean General Circulation Model
OLR	Outgoing Longwave Radiation
PC	Penetrative Convection
PCMDI	Program for Climate Model Diagnosis and Intercomparison (at LLNL, USA)
PMIP	Palaeoclimatic Model Intercomparison Project
PW	Precipitable Water
RCM	Radiative Convective Model
RCW	Rapidly Changing World
RH	Relative Humidity
RSWG	Response Strategies Working Group (IPCC WG3)
SA90	IPCC Scenario A 1990
SAGE	Stratospheric Aerosol and Gas Experiment
SCW	Slowly Changing World
SCOPE	Scientific Committee On Problems of the Environment
SH	Southern Hemisphere
SMA	State Meteorological Administration, China
SORG	Stratospheric Ozone Review Group, UK
SPCZ	South Pacific Convergence Zone
SST	Sea Surface Temperature
SUNY	State University of New York, USA
TIROS	Television and Infrared Observation Satellite
TOGA	Tropical Ocean and Global Atmosphere
TOMS	Total Ozone Mapping Spectrometer
TOA	Top of the Atmosphere
TPER	Total Primary Energy Requirement
UARS	Upper Atmosphere Research Satellite
UCAR	University Corporation for Atmospheric Research
UKMO	Meteorological Office, UK
UN	United Nations

UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UV	Ultraviolet
VOC	Volatile Organic Compounds
WCI	World Coal Institute
WCRP	World Climate Research Programme
WEC	World Energy Council
WGI	Working Group 1 (of IPCC)
WGNE	Working Group on Numerical Experimentation
WMO	World Meteorological Organization
WOCE	World Ocean Circulation Experiment
WRI	World Resources Institute
WWF	World Wide Fund for Nature