

APPENDIX 1

GLOSSARY OF ACRONYMS

AAA	Agriculture - Advancing Australia
AAD	Australian Antarctic Division
AAH	Australian Academy of the Humanities
AAS	Australian Academy of Science
AATSR	Advanced Along Track Scanning Radiometer
ABARE	Australian Bureau of Agricultural and Resource Economics
ABS	Australian Bureau of Statistics
ACADS	Association for Computer Aided Design
ACAPS	Aerosol Characterisation and Process Studies (of IGAC)
ACC	Anthropogenic Climate Change program (of CLIVAR)
ACC	Antarctic Circumpolar Current
ACE	Aerosol Chemistry Experiment (of IGAC)
ACIHDP	Australian Committee for the IHDP
ACMAD	African Centre for Meteorological Applications for Development
ACOM	Australian Community Ocean Model
ACOS	Australian Climate Observing System
ACRE	Australian Centre for Renewable Energy (Murdoch University)
ACRES	Australian Centre for Remote Sensing
ACS	Australian Construction Service
ACSYS	Arctic Climate Systems Study (of WCRP)
ACWCRP	Australian Committee for the World Climate Research Programme
ADAM	Australian Data Archive for Meteorology
ADEOS	Advanced Earth Observing Satellite (of NASDA)
AGAL	Australian Government Analytical Laboratories
AGBM	Ad hoc Group on the Berlin Mandate
AGCM	Atmospheric General Circulation Model
AGSO	Australian Geological Survey Organisation
AHURI	Australian Housing and Urban Research Institute
AIDAB	Australian International Development Assistance Bureau (now AusAID)
AIMS	Analysis, Interpretation, Modelling and Synthesis phase (of WOCE)
AIMS	Australian Institute of Marine Science
AIP	Algorithm Intercomparison Projects
AIRAH	Association for Refrigeration, Airconditioning and Heating
AITA	Australian Institute for Tropical Architecture (at James Cook University)
AMEC	Australian Minerals and Energy Council
AMEX	Australian Monsoon Experiment
AMIP	Atmospheric Model Intercomparison Project
AMISC	Australian Marine Industries and Sciences Council
AMOS	Australian Meteorological and Oceanographic Society
AMSA	Australian Maritime Safety Authority
ANARE	Australian National Antarctic Research Expeditions
ANC UNESCO	Australian National Commission for UNESCO

ANCA	Australian Nature Conservation Agency (now Biodiversity Group, Environment Australia)
AnITRP	Antarctic (Sea) Ice Thickness Research Programme (of WCRP)
ANSTO	Australian Nuclear Science and Technology Organisation
ANU	Australian National University
ANZECC	Australian and New Zealand Environment and Conservation Council
ANZUK	Australia-New Zealand-United Kingdom Intergovernmental Agreement on climate change
AODC	Australian Oceanographic Data Centre
AOOS	Australian Ocean Observing System
APARE	East Asia-north Pacific Region
APEC	Asia-Pacific Economic Cooperation organisation
APSIM	Agricultural Production Systems Simulator
APSRU	Agricultural Production Systems Research Unit
APT	Automatic Picture Transmission
Argo	Array for Real-time Geostrophic Oceanography
ARL	Australian Radiation Laboratory
ARM	Atmospheric Radiation Measurement
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
ASEAN	Association of South East Asian Nations
ASHOE	Airborne Southern Hemisphere Ozone Expedition
ASO	Australian Space Office
ASOE	Antarctic and Southern Ocean Environment
ASPeCt	Antarctic Sea ice Processes and Climate program (of SCAR)
ASTEC	Australian Science and Technology Council
AusAID	Australian Agency for International Development
AUSCORE	Australian Coral Records group
AUSLIG	Australian Surveying and Land Information Group
AVHRR	Advanced Very High Resolution Radiometer
BAHC	Biospheric Aspects of the Hydrological Cycle (of IGBP)
BAM	BMRC Atmospheric Model
BAPMoN	Background Air Pollution Monitoring Network
BAPS	Baseline Air Pollution Station
BASE	Best approximation to surface exchanges (a model parameterisation)
BATGE	Biosphere-Atmosphere Trace Gas Exchange in the Tropics (of IGAC)
BBC	Building Better Cities
BIBEX	Biomass Burning Experiment (of IGAC)
BMG	Meteorological and Geophysical Agency of Indonesia
BMRC	Bureau of Meteorology Research Centre
BOM	Bureau of Meteorology
BRS	Bureau of Rural Sciences (formerly Bureau of Resource Sciences)
BSRN	Baseline Surface Radiation Network
CAR	CSIRO Atmospheric Research
CARBICE	Carbon Dioxide Intercalibration Experiment (of IGAC)
CARE	Centre for Agricultural and Resource Economics (University of New England)
CAS	Commission for Atmospheric Science (of WMO)

CASE	Centre for Application of Solar Energy (of UNIDO)
CBCE	CSIRO Building, Construction and Engineering
CBS	Commission for Basic Systems (of WMO)
CCAMLR	Convention for the Conservation of Antarctic Marine Living Resources
CCCC	Committee on Climate Changes and the Ocean
CCDP	(WMO) Climate Change Detection Project
CCN	cloud condensation nuclei
CCST	Coordinating Committee on Science and Technology
CCWCP	Coordination Committee World Climate Programme
CDROM	Compact Disc – Read-Only Memory
CEOS	Committee on Earth Observations Satellites
CET	(CSIRO) Coal and Energy Technology
CFC	Chlorofluorocarbons
CIC	Climatic Impacts Centre (Macquarie University)
CIS	Commonwealth of Independent States (former USSR)
CLIC	Climate and Cryosphere program (of WCRP)
CLICOM	Climate Computing (of WMO)
CLIPS	Climate Information and Prediction Services (of WMO)
CLIVAR	Climate Variability and Predictability (of WCRP)
CLW	CSIRO Land and Water
CMA	China Meteorological Administration
CMB	Climate Monitoring Bulletin
CMIP	Coupled Model Intercomparison Project (of CLIVAR)
CMR	CSIRO Marine Research
CNES	Centre National d'Etudes Spatiales (National Space Research Centre-France)
COAG	Council of Australian Governments
COMCIAM	Climate Impacts Assessment and Management Program for Commonwealth Countries
COOE	Cooperative Ocean Observing Experiment
COP/FCCC	Conference of the Parties to the Framework Convention on Climate Change
COP-I	First Session of the Conference of the Parties to the FCCC
COSPAR	Committee on Space Research (of ICSU)
COSSA	CSIRO Office of Space Science and Applications
CRC	Cooperative Research Centre
CRCCH	Cooperative Research Centre for Catchment Hydrology
CRCSHM	Cooperative Research Centre for Southern Hemisphere Meteorology
CRES	Centre for Resource and Environmental Studies (of ANU)
CRYIS	Climate Risk and Yield Information Service
CSD	Commission for Sustainable Development
CSIRO	Commonwealth Scientific and Industrial Research Organisation
CSURD	Centre for Sustainable Urban and Regional Development (Australian-Indonesian)
CTA	CSIRO Tropical Agriculture
CTIP	CSIRO Telecommunications and Industrial Physics
CVAP	Climate Variability in Agriculture R&D Program
CWE	CSIRO Wildlife and Ecology
DAR	Division of Atmospheric Research (of CSIRO, now CAR)
DARE	Data Rescue

DARLAM	CSIRO DAR Limited Area Model
DASETT	(former) Department of the Arts, Sport, the Environment, Tourism and Territories
DBCP	Drifting Buoy Cooperation Panel
DEBITS	Deposition of Biogeochemically Important Trace Species
DecCen	Decadal-to-Centennial program (of CLIVAR)
DECI	Drought Exceptional Circumstance Index
DEST	Department of the Environment, Sport and Territories (now DoEH)
DISR	Department of Industry, Science and Resources
DIST	Department of Industry, Science and Tourism (now DISR)
DMC	Drought Monitoring Centre (Africa)
DoEH	Department of the Environment and Heritage
DPIE	Department of Primary Industries and Energy
EA	Environment Australia (part of DoEH)
EAC	East Australian Current
EC	Executive Council
ECLIPS	Experimental Cloud Lidar Pilot Study
ECMWF	European Centre for Medium Range Forecasts
EEZ	Exclusive Economic Zone
ENSO	El Niño - Southern Oscillation
EOC	Earth Observation Centre (of CSIRO)
EPA	Environmental Protection Authority
EPG	Environment Protection Group (of EA)
ERIN	Environmental Resources Information Network (of EA)
ERS	Earth Resources Satellite (European Space Agency)
ESD	Ecologically Sustainable Development
ESG	Expert Sub-Group
EUMETSAT	European Organisation for the Exploitation of Meteorological Satellites
EuroGOOS	European GOOS
FANGIO	Feedback Analysis for GCM Intercomparison and Observation
FAO	Food and Agriculture Organization
FAR	First Assessment Report (of the IPCC)
FCCC	Framework Convention on Climate Change
FFP	(CSIRO) Forestry and Forest Products
FIAMS	Flinders Institute for Atmospheric and Marine Sciences
FORGE	FOcussed Rainfall Growth Estimation project (of the CRC for Catchment Hydrology)
FRIEND	Flow Regimes from International, Experimental and Network Data
FY-2	Feng Yun - 2 (Chinese geostationary satellite)
GAGE	Global Atmospheric Gas Experiment
GAIM	Global Analysis, Interpretation and Modelling (of IGBP)
GARP	Global Atmospheric Research Programme
GASLAB	Global Atmospheric Sampling Laboratory
GASP	Global Assimilation and Prognosis System
GAW	Global Atmosphere Watch
GBR	Great Barrier Reef
GBRMPA	Great Barrier Reef Marine Park Authority
GCIP	GEWEX Continental-Scale International Project

GCM	General Circulation Model
GCOS	Global Climate Observing System
GCSS	GEWEX Cloud System Study
GCTE	Global Change and Terrestrial Ecosystems (of IGBP)
GEMS	Global Environmental Monitoring System (of UNEP and the WHO)
GEMS-Water	Global Environment Monitoring System – Water
GEOSAT	Ocean Topography Satellite
GEWEX	Global Energy and Water Cycle Experiment (of WCRP)
GFDL	Geophysical Fluid Dynamics Laboratory (of USA)
GHCN	Global Historical Climate Network
GIMS	Global Integrated Monitoring System
GIPME	Global Investigation of Pollution in the Marine Environment
GIS	Geographic Information Systems
GLOBEC	Global Ocean Ecosystems Dynamics (of IGBP)
GLOCARB	Global Tropospheric Carbon Dioxide Network (of IGAC)
GLOCHANT	Group of specialists on Global Change and the Antarctic (of SCAR)
GLONET	Global Tropospheric Ozone Network (of IGAC)
GLOSS	Global Sea Level Observing System
GMS	Geostationary Meteorological Satellite (Japan)
GOALS	Global Ocean-Atmosphere-Land System (of CLIVAR)
GODAE	Global Ocean Data Assimilation Experiment
GOES	Geostationary Operational Environmental Satellite (USA)
GOEZS	Global Ocean Euphotic Zone Study (of IGBP)
GOMS	Geostationary Operational Meteorological Satellite (of CIS)
GOOS	Global Ocean Observing System
GOS	Global Observing System
GOSSP	Global Observing Systems Space Panel (of GCOS/GOOS/GTOS)
GPCP	Global Precipitation Climatology Project
GRDC	Grains Research and Development Corporation
GRDC	Global Runoff Data Centre
GSAC	Greenhouse Science Advisory Committee
GSAM	Generalised Southeast Australia Method of estimating PMP
GSFC	Goddard Space Flight Center
GSN	GCOS Surface Network
GTOS	Global Terrestrial Observing System
GTS	Global Telecommunications System
GTSM	Generalised Tropical Storm Method of estimating PMP
GTSP	Global Temperature and Salinity Pilot Project
GUAN	GCOS Baseline Upper Air Network
HCFC	hydrochlorofluorocarbons
HDP	Human Dimensions of Global Environmental Change Programme
HER	House Energy Rating scheme
HOMA	Heads of Commonwealth Marine Agencies
HPCCC	High Performance Computing and Communications Centre (of the Bureau and CSIRO)
HRPT	High Resolution Picture Transmission
HWRP	Hydrology and Water Resources Programme
IAMAS	International Association of Meteorology and Atmospheric Sciences (of IUGG)

IAnZone	International Antarctic Zone Program (of SCOR)
IAPSO	International Association for the Physical Sciences of the Oceans (of IUGG)
IASOS	Institute of Antarctic and Southern Ocean Studies
ICAO	International Civil Aviation Organisation
ICELAB	Ice Core Extraction Laboratory
ICSU	International Council for Science (formerly International Council of Scientific Unions)
IDNDR	International Decade for Natural Disaster Reduction
IEA	International Energy Agency
IEOS	International Earth Observation System
IEOSM	International Earth Observation Satellite Missions
IGAC	International Global Atmospheric Chemistry project (of IGBP)
IGBP	International Geosphere-Biosphere Programme
IGM/WCP	Intergovernmental Meeting on the World Climate Programme ("The Climate Agenda")
I-GOOS	IOC/WMO/UNEP Committee for GOOS
IGOSS	Integrated Global Ocean Services System
IHDP	International Human Dimensions of Global Environmental Change Programme
IHP	International Hydrology Programme (of UNESCO)
IMAGES	International Marine Past Global Changes Study (of SCOR)
IMO	International Meteorological Organisation
INC/FCCC	Intergovernmental Negotiating Committee for a Framework Convention on Climate Change
INFOCLIMA	World Climate Data Information Referral Service
INSAT	Indian Geostationary Satellite
IOC	Intergovernmental Oceanographic Commission
IOCI	Indian Ocean Climate Initiative
IODE	International Oceanographic Data and Information Exchange
IOS	Initial Operational System (of GCOS)
IPCC	Intergovernmental Panel on Climate Change
IR	Infrared
ISMASS	Ice Sheet Mass Balance (of GLOCHANT)
ISSC	International Social Science Council
ISY	International Space Year
IUBS	International Union of Biological Sciences
IUCN	The World Conservation Union
IUGG	International Union of Geodesy and Geophysics (of ICSU)
IUGS	International Union of Geological Sciences
IUQR	International Union of Quaternary Research
JAFOOS	Joint Australian Facility for Ocean Observing Systems
JCUNQ	James Cook University of North Queensland
JDIMP	Joint Data and Information Management Panel (of GCOS/GOOS/GTOS)
JERS-1	Japanese Earth Resources Satellite
JGOFS	Joint Global Ocean Flux Study (of IGBP)
J-GOOS	Joint Scientific and Technical Committee of GOOS
JSTC	Joint Scientific and Technical Committee (of GCOS)
JWG	Joint Working Group (GCOS/GOOS)

LAI	Land-Atmosphere-Ice Interactions program
LAN	Local Area Network
LANDSAT	Land Remote Sensing Satellite
LAPS	Limited Area Prediction System
LMD	Laboratoire de Meteorologie Dynamique (in France)
LOICZ	Land-Ocean Interactions in the Coastal Zone
LUCC	Land-Use and Land-Cover Change
LUCF	Land Use Change and Forestry
LWRRDC	Land and Water Resources Research & Development Corporation
McIDAS	Man computer Interactive Data Access System
MCTEX	Maritime Continent Thunderstorm Experiment
MDP	Multi Divisional Program
MECCA	Model Evaluation Consortium for Climate Assessment
MFP	Multi Function Polis
MODIS	Moderate-resolution Imaging Spectrometer
MOS-1	Marine Observation Satellite (Japan)
MOU	Memorandum of Understanding
MSTP	Marine Science and Technology Plan
MVE	Murray Valley Encephalitis
NASA	National Aeronautics and Space Administration (USA)
NASDA	National Space Development Agency (Japan)
NatHERS	National House Energy Rating Scheme
NATT	Northern Australia Tropical Transect
NBNA	National Benchmark Network for Agrometeorology
NCA	National Committee on Agrometeorology
NCAOS	National Committee for Atmospheric and Oceanic Sciences (of AAS)
NCAR	National Centre for Atmospheric Research (US)
NCC	National Climate Centre (BoM)
NCCAS	National Committee for Climate and Atmospheric Sciences
NCCGC	National Committee for Climate and Global Change (of AAS)
NCGCP	National Climate and Global Change Program
NCIGBP	National Committee for the IGBP
NCVP	National Climate Variability Program (of LWRRDC: now CVAP)
NDSC	Network for Detection of Stratospheric Change
NDTI	Normalised Difference Temperature Index
NDVI	Normalised Difference Vegetation Index
NEAR-GOOS	North East Asian Regional GOOS
NESDIS	National Environmental Satellite Data and Information Service (USA)
NGAC	National Greenhouse Advisory Committee
NGAP	National Greenhouse Advisory Panel
NGRS	National Greenhouse Response Strategy
NGS	National Greenhouse Strategy
NGSC	National Greenhouse Steering Committee
NHRC	Natural Hazard Research Centre (of Macquarie University)
NHT	Natural Heritage Trust
NIWA	National Institute of Water and Atmospheric Research Ltd (of New Zealand)
NLWRA	National Land and Water Resources Audit

NMOC	National Meteorological Operations Centre (BoM)
NOAA	National Oceanographic and Atmospheric Administration (USA)
NODC	National Oceanographic Data Centre
NOHALICE	Nitrous Oxide and Halocarbon Intercalibration Experiment (of IGAC)
NRIC	National Resource Information Centre (BRS)
NSW	New South Wales
NT	Northern Territory
NTF	National Tidal Facility
NTU	Northern Territory University
OASIS	Observations At Several Interacting Scales
ODA	Overseas Development Assistance
OECD	Organisation for Economic Cooperation and Development
OOPC	Ocean Observations Panel for Climate
OOSDP	Ocean Observing System Development Programme
OSS	Office of the Supervising Scientist
PAGES	Past Global Changes (of IGBP)
PANASH	Paleoclimates of the Northern and Southern Hemisphere
PASC	Polar Atmospheric and Snow Chemistry (of IGAC)
PATHE	Partnership Advancing the Housing Environment
PAWA	Power and Water Authority (NT)
PEPII	Pole-Equator-Pole II program (of PAGES)
PILPS	Project for Intercomparison of Land Surface Parameterization Schemes (of GEWEX)
PMIP	Paleoclimatological Model Intercomparison Project
PMP	Probable Maximum Precipitation
PMP	Property Management Planning
PMSP	Pacific Meteorological Services Project
POLDER	Polarisation and Direction of the Earth's Reflectances (of ADEOS)
PRC	Peoples' Republic of China
PROBE	Pilot Radiation Observations Experiment
QCCA	Queensland Centre for Climate Applications
QDNR	Queensland Department of Natural Resources
QDPI	Queensland Department of Primary Industries
QUT	Queensland University of Technology
RAINMAN	Rainfall Information for Better Management
RAN	Royal Australian Navy
RAPS	Remote Area Power Supplies
RASAC	Rural Assistance Scheme Advisory Committee
RASP	Regional Assimilation and Prognosis System
RAV	(WMO) Regional Association V (Five)
RCS	Reference Climate Station
RICE	Regional Interactions of Climate and Ecosystems
RIRDC	Rural Industries Research and Development Corporation
RMIT	Royal Melbourne Institute of Technology University
RSBS	Research School of Biological Sciences (of ANU)
S/VISSR	Stretched Visible and Infrared Spin-Scan Radiometer
SAC	Scientific Advisory Committee
SALPEX	Southern Alps Experiment

SAR	Second Assessment Report (of the IPCC)
SARCS	Southeast Asia Regional Committee for START
SARDI	South Australian Research and Development Institute
SAZ	Sub-Antarctic Zone
SC IGBP	Scientific Committee for IGBP
SCAR	Scientific Committee on Antarctic Research (of ICSU)
SCARM	Standing Committee on Agricultural and Resource Management
SCO	Seasonal Climate Outlook
SCOPE	Scientific Committee on Problems of the Environment (of ICSU)
SCOR	Scientific Committee on Oceanic Research (of ICSU)
SCSMEX	South China Sea Monsoon Experiment
SEAFIRE	South-East Asia Fire Research Experiment
SEDA	Sustainable Energy Development Authority (NSW)
SIDS	Sudden Infant Death Syndrome
SILO	Special Information for Land Owners
SIT	Strategic Implementation Team (of CEOS)
SLPP-SO	Sea Level Pilot Project - Southern Ocean
SLUIS	Sustainable Land Use Information Systems
SO	Southern Oscillation
SOAPEX	Southern Ocean Atmospheric Photochemistry Experiment
SOC	Specialised Oceanographic Centre
SOCEX	Southern Ocean Cloud Experiment
SO-GLOBEC	Southern Ocean component of the GLOBEC
SOI	Southern Oscillation Index
SO-JGOFS	Southern Ocean component of the JGOFS
SOLARCH	National Solar Architecture Research Unit (of UNSW)
SOPAC	South Pacific Applied Geoscience Commission
SOWEX	Southern Ocean Wave Experiment
SPARC	Stratospheric Processes and their Role in Climate (of WCRP)
SPOT	Earth Observation Satellite (France)
SPREP	South Pacific Regional Environment Programme
SQL	Structured Query Language
SSC	Strategy Sub-Committee (of I-GOOS)
SST	Sea Surface Temperature
SSU	Special Services Unit (of the Bureau of Meteorology)
START	System for Analysis, Research and Training (of IGBP)
SUTA	Stratospheric and Upper Tropospheric Aerosols (of IGAC)
SWCC	Second World Climate Conference
SWR	Subcommittee on Water Resources (ARMCANZ)
TAP-M	Technical Advisory Panel - Methodology (of SBSTA)
TAPS	Tropical Assimilation and Prognosis System
TAP-T	Technical Advisory Panel - Technologies (of SBSTA)
TAR	Third Assessment Report (of the IPCC)
TARS	Turn Around Ranging Station
TCCIP	Tropical Cyclone Coastal Impacts Project
TERSS	Tasmanian Earth Resources Satellite Station
TOGA	Tropical Ocean Global Atmosphere (of WCRP)
TOPC	(GCOS/GTOS) Terrestrial Observation Panel for Climate

TRANSCOM	Transport Model Intercomparison
TRMM	Tropical Rainfall Measuring Mission
TSAP GOOS	Technical and Scientific Advisory Panel for GOOS
ULS	Upward Looking Sonar
UNCED	United Nations Conference on Environment and Development
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNIDO	United Nations Industrial Development Organization
UNSW	University of New South Wales
UNT	University of the Northern Territory
UQ	University of Queensland
UTS	University of Technology, Sydney
UV	ultraviolet
UWA	University of Western Australia
UWS	University of Western Sydney
VHF	Very High Frequency
VOS	Volunteer Observing Ship
WCASP	World Climate Applications and Services Programme
WCDMP	World Climate Data and Monitoring Programme
WCIRP	World Climate Impacts Assessment and Response Strategies Programme
WCP	World Climate Programme
WCRP	World Climate Research Programme
WEFAX	Weather Facsimile
WERS	Window Energy Rating Scheme
WESTPAC	Program Group for the Western Pacific (of IOC)
WG	Working Group (of IPCC)
WGNE	Working Group on Numerical Experimentation
WHO	World Health Organization.
WHYCOS	World Hydrological Climate Observing System (of WMO and the World Bank)
WMO	World Meteorological Organization
WOCE	World Ocean Circulation Experiment (of WCRP)
WWW	World Weather Watch
XBT SOOP	Expendable Bathythermograph Ship of Opportunity Program
XBT	Expendable Bathythermograph
XCTD	Expendable Conductivity Temperature Depth profiler
X-SAR	Xband-Synthetic Aperture Radar