

APPENDIX 3

AUSTRALIAN REPRESENTATION ON INTERNATIONAL CLIMATE-RELATED COMMITTEES AND WORKING GROUPS

Coordination/Technical Bodies	Australian Representatives
ADVANCED EARTH OBSERVING SATELLITE (ADEOS)	
POLDER Science Working Team	Dr M A Box, School of Physics, University of New South Wales
IMG (Interferometer for Monitoring Greenhouse Gases)	Dr J Le Marshall (Principal Investigator), Bureau of Meteorology
AMERICAN METEOROLOGICAL SOCIETY (AMS)	
Radar Meteorology Committee	Dr T Keenan, Bureau of Meteorology Research Centre
APEC CLIMATE NETWORK (APCN)	
Project Steering Committee	Dr O Alves, Bureau of Meteorology Research Centre
ATMOSPHERIC RADIATION MEASUREMENT (ARM) PROGRAM	
Science Team	Dr P May, Bureau of Meteorology Research Centre
COMMITTEE ON EARTH OBSERVATIONS SATELLITES (CEOS)	
Australian Contact	Dr D Jupp, CSIRO Office of Space Science and Applications
Working Group on Calibration and Validation	Dr I Barton, CSIRO Marine Research
EUROPEAN ORGANISATION FOR THE EXPLOITATION OF METEOROLOGICAL SATELLITES (EUMETSAT)	
Infrared Atmospheric Sounding Interferometer (IASI) Sounder	Dr J Le Marshall, Bureau of Meteorology Science Working Group

GLOBAL CLIMATE OBSERVING SYSTEM (GCOS)

GCOS Steering Committee

Dr M Manton, Bureau of
Meteorology Research Centre

Atmospheric Observations Panel for Climate (AOPC)

Dr M Manton (Chair), Bureau
of Meteorology Research Centre**GLOBAL OCEAN OBSERVING SYSTEM (GOOS)**

GOOS Steering Committee (GSC)

Prof Tom Trull, University of
Tasmania, ACE CRC

Intergovernmental Committee (I-GOOS)

Dr A McEwan (Chair), Bureau
of Meteorology**GLOBAL TERRESTRIAL OBSERVING SYSTEM (GTOS)**

Steering Committee

*Currently being reformed***JOINT TECHNICAL COMMISSION FOR OCEANOGRAPHY AND MARINE METEOROLOGY (JCOMM)**

Management Committee

Dr G Love, Bureau of Meteorology

Dr N Smith, Bureau of
Meteorology Research CentreMr P Parker, Bureau of
MeteorologyMr G Warren, Bureau of
MeteorologyMr R Bailey, Bureau of
MeteorologyCMDR C Roy, Royal
Australian NavyMr P Parker, Bureau of
Meteorology

Services Programme Area

Coordination Group

Mr Phil Parker (Chair and
Services Coordinator), Bureau
of Meteorology

Expert Team Wind Waves and Storm Surges

Mr G Warren, Bureau of
Meteorology

Observations Programme Area

Coordination Group

Mr G Brough, Bureau of
Meteorology

Ship Observations Team	Mr G Ball (Chair), Bureau of Meteorology
Data Buoy Cooperation Panel	Mr G Brough (Chair), Bureau of Meteorology
Data Management Programme Area	
Coordination Group	Mr D Thomas, Bureau of Meteorology
Expert Team on Data Management Practices	Dr Tony Rees, CSIRO Marine Research
Ocean Information Technology Pilot Project	Dr N Smith (Chair), BMRC
INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (IOC) OF UNESCO	
Australian Delegation	Dr N Smith, (Head) Bureau of Meteorology
WESTPAC	Dr N Smith, Bureau of Meteorology
Indian Ocean GOOS Executive	Dr N Smith, Bureau of Meteorology
IOC/SCOR/IGBP JGOFS CO2 Panel	Dr G I Pearman, CSIRO Atmospheric Research
	Dr R Francey, CSIRO Atmospheric Research
INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE (IPCC)	
IPCC Bureau	Dr J W Zillman, Bureau of Meteorology
INTERNATIONAL COUNCIL FOR SCIENCE (ICSU)	
Committee on Space Research (COSPAR)	Prof P L Dyson, School of Physics, La Trobe University
	Prof R D Brown (IUPAC rep), Department of Chemistry, Monash University
Committee for Strategic Planning and Review	Dr G Pearman, CSIRO, Atmospheric Research
International Geosphere-Biosphere Programme (IGBP)	Dr G I Pearman (National Member), CSIRO Atmospheric Research
	Dr W Steffen (Executive Director), IGBP Secretariat
ICSU Planning Group for a Fourth International Polar Year (IPY4)	Dr I Allison (Vice-Chair), Australian Antarctic Division and Antarctic Climate and Ecosystems CRC

GAIM	
Scientific Steering Committee	Dr P Rayner, CSIRO Atmospheric Research
Task Force	Prof A Henderson-Sellers, Australian Nuclear Science and Technology Organisation
	Dr P Rayner, CSIRO Atmospheric Research
GCTE	Dr P Canadell (Executive Officer), CSIRO Land and Water
IGAC	
Scientific Steering Committee	Dr P Fraser, CSIRO Atmospheric Research
ACAPS Activity Coordinating Committee	Dr J Gras (Co-convenor), CSIRO Atmospheric Research
BATGE Activity Coordinating Committee	Mr I Galbally, CSIRO Atmospheric Research
BIBEX Activity Coordinating Committee	Mr I Galbally, CSIRO Atmospheric Research
ICIC Activity Coordinating Committee	Dr P Fraser (Co-convenor), CSIRO Atmospheric Research
GECHS (Human Security) Scientific Planning Committee	Prof C Cocklin, Monash Environment Institute, Monash University
JGOFS	
Scientific Steering Committee	Dr B Tilbrook, CSIRO Marine Research
Data Management Task Team (DMTT)	Mr B Griffiths, CSIRO Marine Research
Equatorial Pacific Synthesis & Modelling Group (EPSMG)	Dr D Mackey, CSIRO Marine Research
	Dr R Matear, CSIRO Marine Research
Southern Ocean Synthesis and Modelling Group	Prof T Trull, Antarctic CRC
	Dr B Tilbrook, CSIRO Marine Research

LOICZ Scientific Steering Committee	Dr J Parslow, CSIRO Marine Research
PAGES	
Human Impact on Terrestrial Ecosystems	Dr Henk Heijnis, ANSTO Dr Paul Hesse, Macquarie University
PAGES/CLIVAR Working Group	Dr M Gagan, Research School of Earth Sciences, Australian National University
SCOSTEP	Prof.R.A Vincent (Vice-President), University of Adelaide
Monitoring of Extreme Climate Events (MECE)	Dr N Nicholls, Bureau of Meteorology Research Centre
Oceania Regional Committee	Prof N Harvey, Department of Geographical and Environmental Studies, University of Adelaide
Southeast Asia Regional Committee for START (SARCS)	Dr G I Pearman, CSIRO Atmospheric Research
International Union of Geodesy and Geophysics (IUGG)	
IAMAS	Prof A Henderson-Sellers, Australian Nuclear Science and Technology Organisation
Bureau	Dr R A Vincent, Department of Physics and Mathematical Physics, University of Adelaide
Committee on Nucleation and Atmospheric Aerosols	Dr J Gras, CSIRO Atmospheric Research
International Commission for Dynamic Meteorology	Dr P Baines, CSIRO Atmospheric Research
International Commission for Polar Meteorology	Dr I Allison, Antarctic CRC and Australian Antarctic Division Dr I Simmonds, University of Melbourne Dr M Pook, Antarctic CRC Dr Siobhan O'Farrell, CSIRO, Atmospheric Research
International Radiation Commission	Dr J Le Marshall, Bureau of Meteorology Research Centre Dr I Barton, CSIRO Marine Research

Scientific Committee on Antarctic Research (SCAR)	Dr I Allison (Permanent Delegate), Antarctic CRC and Australian Antarctic Division Prof D M Stoddart (Alternate Delegate), Australian Antarctic Division
Antarctic Stratigraphy Committee (ANTOSTRAT)	Dr P O'Brien, Geoscience Australia
Group of Experts on Birds	Dr E J Woehler (Chair), Australian Antarctic Division
Group of Specialists on Global Change (GLOCHANT)	Dr J Jacka, Australian Antarctic Division Dr I Allison, Antarctic CRC and Australian Antarctic Division
Antarctic Sea-Ice Processes and Climate (ASPeCt)	Dr A Worby (Project scientist), Antarctic CRC and Australian Antarctic Division Dr I Allison (Vice-Chair), Australian Antarctic Division and Antarctic Climate and Ecosystems CRC
Ice Sheet Mass Balance (ISMASS)	Dr J Jacka (Chair), Australian Antarctic Division Dr I Goodwin (Co-Chair), University of Newcastle
Joint IGBP / PAGES International Trans-Antarctic Science Expedition (ITASE)	Dr I Goodwin (Co-Chair), University of Newcastle
Joint Committee on Antarctic Data Management (with COMNAP)	Dr L Belbin, Australian Antarctic Division
Life Sciences Scientific Standing Group (LS-SSG)	Dr H J Marchant, Australian Antarctic Division
Working Group on Geodesy and Geographic Information	Mr J Manning, Australian Surveying and Land Information Group
Working Group on Geology	Prof C J L Wilson, School of Earth Sciences, University of Melbourne
Working Group on Glaciogy	Dr J Jacka (Vice-Chair), Australian Antarctic Division
Working Group on Physics and Chemistry of the Atmosphere	Mr H A Huchinson (Secretary), Bureau of Meteorology and Antarctic CRC
Working Group on Solar-Terrestrial and Astrophysical Research	Prof B J Fraser, Physics Department, University of Newcastle

Working Group on Solid-Earth Geophysics	Dr P E O'Brien, Geoscience Australia
Scientific Committee on Problems of the Environment (SCOPE)	
Executive	Dr J Baker, ACT Commissioner for the Environment
Scientific Committee on Oceanic Research (SCOR)	
Committee on Future Ocean Research in Earth System Science (with IGBP)	Dr B Opdyke, Faculty of Science, Australian National University
IAnZone (International Antarctic Zone Program)	Dr V Lytle, Antarctic CRC and Australian Antarctic Division
Scientific Steering Committee for Joint Global Ocean Flux Study	Dr B Tilbrook, CSIRO Marine Research
Working Group on Biogeochemistry of Iron in Seawater	Dr J Webb
Working Group on Coral Reef Responses to Global Change	Dr T Done, Australian Institute of Marine Science
Working Group on the Evolution of the Asian Monsoon in Marine Records: Comparison Between Indian and East Asian Subsystems	Prof A P Kershaw, School of Geography and Environmental Sciences, Monash University
Working Group on Coupling Waves, Currents and Winds in Coastal Models	Dr P Craig, CSIRO Marine Research
Working Group on Marine Phytoplankton and Global Antarctic Climate	Dr H J Marchant, Australian Antarctic Division
Working Group on Magnitude of Submarine Groundwater Discharge and its Influence on Coastal Oceanographic Processes	Dr G Jacobsen (Associate Member)
Working Group on Standards for the Survey and Analysis of Plankton	Dr G. Hosie, Australian Antarctic Division
Working Group on Quantitative Ecosystem Indicators for Fisheries Management (with IOC)	Dr S J Hall, Australian Institute for Marine Sciences Dr K Sainsbury, CSIRO Marine Research A.D.M Smith, CSIRO Marine Research
Working group 121 on Ocean Mixing	Dr T McDougall, CSIRO Marine Research
Working group on Sediment Trap and 234-Th Methods for Carbon Export Flux Determination	Dr T Trull, Antarctic CRC
Working Group on Transport and Reaction in Permeable Marine Sediments	Dr P Nielsen

SCOR/IMAGES (International Marine Past Global Changes Study)	Dr B Opdyke, Faculty of Science, Australian National University
Southern Ocean Working Group	Dr W Howard, Antarctic CRC
Scientific Committee for Solar-Terrestrial Physics	Dr R A Vincent, Department of Physics and Mathematical Physics, University of Adelaide
IEOSM	
IEOS ASTER Science Team	Dr T Cudahy, CSIRO Exploration and Mining
IEOS Inter-disciplinary Investigations	Dr Rob Hewson CSIRO Exploration and Mining
IEOS MODIS Science Team	Dr I Barton, (Principal Investigator) CSIRO Marine Research
INTERNATIONAL RADIATION COMMISSION (IRC)	
International TOVS Working Group	Dr J Le Marshall, Bureau of Meteorology Dr J Le Marshall (Co-Chair), Bureau of Meteorology
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION OF USA (NASA)	
Advanced Infrared Sounder (AIRS) Science Team	Dr J Le Marshall (Interdisciplinary Principal Investigator), Bureau of Meteorology
Earth Observing System (EOS) Program	Dr J Le Marshall, Bureau of Meteorology
Jason-1 Satellite Mission	Dr J Church, CSIRO Marine Research
Measurement of Pollution in The Troposphere (MOPITT) CI of the FTIR Validation Team	Prof D Griffith, Department of Chemistry, University of Wollongong
ENVISATCI of the FTIR Validation Team	Prof D Griffith, Department of Chemistry, University of Wollongong Dr A Meier, Apollo Life Sciences
Payload Panel	Dr J Le Marshall, Bureau of Meteorology

NASA/CNES TOPEX/POSEIDON Extended Satellite Mission	Dr J Church (Principal Investigator), CSIRO Marine Research and Antarctic CRC Dr N Bindoff, Antarctic CRC Dr R Coleman, Antarctic CRC
NASA-MODIS Science team	Dr I Barton, CSIRO Marine Research
NASA/NASDA Tropical Rainfall Mission Science Team	Dr T Keenan, Bureau of Meteorology Research Centre
NASA/WMO/NOAA Network for the Detection of Stratospheric Change (NDSC) Steering Committee	Prof D Griffith, Department of Chemistry, University of Wollongong

NATIONAL SPACE DEVELOPMENT AGENCY (NASDA) JAPAN

GLI Science Team	Dr I Barton, CSIRO Marine Research
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WORLD CLIMATE RESEARCH PROGRAMME (WCRP)

Pacific Science Steering Committee	Dr Wenju Cai, CSIRO Atmospheric Research
Global Carbon Project	Dr Michael Raupach, CSIRO Earth Observation Centre
ACSYS/CliC Scientific Steering Group	Dr I Allison (Vice-Chair), Australian Antarctic Division and Antarctic Climate and Ecosystems CRC
International Antarctic Ice Thickness Research Programme	Dr I Allison (Vice-Chair), Australian Antarctic Division and Antarctic Climate and Ecosystems CRC
International Programme for Antarctic Buoys	Dr I Allison (Vice-Chair), Australian Antarctic Division and Antarctic Climate and Ecosystems CRC
CLIVAR/CliC Southern Oceans Panel	Dr I Allison (Vice-Chair), Australian Antarctic Division and Antarctic Climate and Ecosystems CRC

CLIVAR

ARGO Science Team	Dr S Wijffels, CSIRO Marine Research
Scientific Steering Group	Dr I Simmonds, School of Earth Sciences, University of Melbourne
Asian/ Australian Monsoon Panel	Dr G Meyers, CSIRO Marine Research
Ocean Observations Panel	Dr S. Wijffels, CSIRO, Marine Research TBA, CSIRO Atmospheric Research Mr G Brough, formerly Bureau of Meteorology Dr N Smith, Bureau of Meteorology Research Centre
Organising Committee for the World Climate Research Program	Dr J Church, CSIRO Marine Research
Pacific Implementation Panel	Dr Wenju Cai (Australian representative), CSIRO Atmospheric Research
Expert Team on Climate Change Detection (with CCI)	Dr N Bindoff, Antarctic CRC
Working Group on Coupled Modelling (WGCM with JSC)	Dr B McAvaney, Bureau of Meteorology Research Centre Dr T Hirst, CSIRO Atmospheric Research
Ocean Model Development Working Group (with WOCE)	Dr T Hirst, CSIRO Atmospheric Research

GEWEX

Cloud System Study	Jack Katzfey, CSIRO, Atmospheric Research
Global Land Atmosphere System Study	Prof A Henderson-Sellers, Australian Nuclear Science and Technology Organisation Prof A. J Pitman, Macquarie University
International Aerosol Radiative Forcing Science Team	Dr M A Box, School of Physics, University of New South Wales Dr G P Box, School of Physics, University of New South Wales

International Precipitation Working Group (IPWG)	Dr E Ebert, Bureau of Meteorology Research Centre
Working Group on Numerical Experimentation	Prof A Henderson-Sellers, Australian Nuclear Science and Technology Organisation
Project for Intercomparison of Land Surface Parameterization Schemes	Prof A Henderson-Sellers, Australian Nuclear Science and Technology Organisation
SPARC	
Scientific Steering Group	Dr R A Vincent, Department of Physics and Mathematical Physics, University of Adelaide
Gravity Wave Processes and their Parameterization	Dr R A Vincent (co-Chair), Department of Physics and Mathematical Physics, University of Adelaide
WCDMP	
	Dr D Jupp, CSIRO, Earth Observations Centre
WOCE	
Scientific Steering Group	Dr J Church, CSIRO Marine Research and Antarctic CRC
	Dr T McDougall, CSIRO, Marine Research
Data Products Committee	Dr N Bindoff (Co-Chair), Antarctic CRC
	Dr N Smith, Bureau of Meteorology Research Centre
Upper Ocean Thermal Data Assembly Centre Committee	TBA, CSIRO Atmospheric Research
Indian Ocean UOP/DAC	TBA, CSIRO Atmospheric Research
WCRP-ICSU-WMO Joint Scientific Committee	Dr J Church, CSIRO Marine Research and Antarctic CRC
WCRP/IGBP Surface Ocean Lower Atmosphere Study (SOLAS) Australia-New Zealand Science Planning Group	Dr T Trull, University of Tasmania
Working Group on Numerical Experimentation (JSC/WMO CAS)	Dr K Puri (Chair) Bureau of Meteorology Research Centre

WORLD METEOROLOGICAL ORGANISATION (WMO)

Executive Council	Dr J W Zillman (Permanent Representative of Australia with WMO), Bureau of Meteorology
International Panel for the East Asian Monsoon	Dr J McBride, Bureau of Meteorology Research Centre
SSG on Physical Sciences	Dr J Jacka (Secretary), Australian Antarctic Division
Commission for Atmospheric Sciences (CAS)	Dr M Manton, Bureau of Meteorology Research Centre Mr P Price, Bureau of Meteorology
Research Initiative on the East Asian Monsoon	Dr K Puri, Bureau of Meteorology Research Centre
Steering Committee for Long-term Asian/ African Monsoon Studies	Dr J McBride (Chair), Bureau of Meteorology Research Centre
Working Group on Atmospheric Chemistry and Environmental Pollution	Dr G Ayers, CSIRO Atmospheric Research Dr J Gras, CSIRO Atmospheric Research
Working Group on Tropical Cyclone Prediction	Dr N Davidson, Bureau of Meteorology Research Centre
Working Group on Tropical Meteorology Research	Dr J McBride, Bureau of Meteorology Research Centre Dr T Keenan, Bureau of Meteorology Research Centre
World Weather Research Programme Scientific Steering Committee	Dr T Keenan, Bureau of Meteorology Research Centre Dr K Puri, Bureau of Meteorology Research Centre
Commission for Agricultural Meteorology	Mr M Williams, Bureau of Meteorology
Commission for Climatology	Dr M Coughlan (RAV Representative on Management Group), Bureau of Meteorology Dr S Barrell, Bureau of Meteorology Dr S Power, Bureau of Meteorology Ms M Voice, c/- Bureau of Meteorology

Inter-Programme Task Team On Future WMO Info. Systems	Mr J Shortridge
Open Programme Area Group 1 (Climate Data & Data Management)	Mr N Plummer (Chair), Bureau of Meteorology
RAV Task Team on Regional Climate Centres	Dr D Jones, Bureau of Meteorology
RAV Working Group on Climate Matters	Mr S Lellyett, Bureau of Meteorology
RAV Rapporteur, GCOS, Data management & Observations	Mr S Lellyett, Bureau of Meteorology
Commission for Instruments and Methods of Observation	Dr R Canterford (Acting President), Bureau of Meteorology
Commission for Hydrology	Mr B Stewart (Vice President), Bureau of Meteorology
Global Atmosphere Watch	
Rapporteur on aerosols	Dr J Gras, CSIRO, Atmospheric Research
Scientific Advisory Group on Ozone	Dr Ian Galbally, CSIRO, Atmospheric Research