

Appendix 11 – Australians in leadership roles in global scientific organisations

This table lists Australian scientists that are listed on the respective global organisations' websites as holding leadership positions in the organisation, as of January 2005. Note that the list is unlikely to be completely comprehensive, as each organisation differs in the amount of information provided on their websites. However, the list serves as an indication of the breadth and depth of involvement by Australian scientists in leadership roles in global scientific organisations.

ICSU Unions

International Astronomical Union (IAU)

Ekers, Ron	IAU President
Green, Anne	Organising Committee, IAU Division X: Radio Astronomy
Norris, Raymond	IAU Representative to CODATA; Vice President, IAU Commission V
O'Byrne, John	Member, IAU Finance Sub-Committee
Melrose, Donald B.	Vice President, IAU Division II - Sun and Heliosphere; President, IAU Commission 10
Sadler, Elaine	Board Member, IAU Division VIII: Galaxies and the Universe; President, IAU Commission 28
Storey, John	IAU Representative to SCAR
Storey, Michelle	Vice President, IAU Commission 50
Webster, Rachel L.	Member, IAU Resolutions Committee; Vice President, IAU Commission 47

International Brain Research Organisation (IBRO)

Redman, S J	IBRO Treasurer
Calford, Michael B	Member, IBRO Committee on Animals in Research
McLachlan, Elspeth M	Member, IBRO Committee on By-Laws and Procedures
Paxinos, G	Australian Representative to IBRO Governing Council
Lots of other Australian scientists on other IBRO committees	

International Geographical Union (IGU)

Gillieson, Prof David	Chair, IGU Commission 04.22 - Karst
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International Mathematical Union (IMU)

Galbraith, Peter L.	Member, IMU International Commission on Mathematical Instruction (ICMI)
Van der Poorten, Alf	Member, IMU Committee on Electronic Information and Communication

International Society for Photogrammetry and Remote Sensing (ISPRS)

Trinder, John C	ISPRS First Vice President
Fraser, Prof Clive	Member, ISPRS International Scientific Advisory Committee
Milne, Prof Tony	Member, ISPRS International Scientific Advisory Committee
Check Website later for Commissions details (haven't been updated for 2005 yet)	

International Union of Anthropological and Ethnological Sciences (IUAES)

Teal, Dr. Gregory	Chair, IUAES Commission on the Anthropology of Tourism
Christensen, Dr W.	Australian Delegate to the IUAES Permanent Council
Hiatt, Dr L.	Australian Delegate to the IUAES Permanent Council
Newell, Prof W.	Australian Delegate to the IUAES Permanent Council
Sansom, Prof. Basil	Australian Delegate to the IUAES Permanent Council
Tonkinson, Dr R.	Australian Delegate to the IUAES Permanent Council

International Union of Biochemistry and Molecular Biology (IUBMB)

Not much evidence on website of significant Australian involvement.

International Union of Biological Sciences (IUBS)

Bittles, Alan H.	IUBS Executive Committee Member
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International Union of Crystallography (IUCr)

Guss, J. M.	Chair, IUCr Commission on Biological Macromolecules
Hall, S.R.	Member, IUCr Committee on Crystallographic Databases; Commission on Crystallographic Nomenclature; Commission on International Tables
Hambley, T. W.	Member, IUCr Commission on Structural Chemistry
Kennedy, S.J.	Member, IUCr Commission on Neutron Scattering
Madsen, I.	Member, IUCr Commission on Powder Diffraction
Roussouw, C.	Member, IUCr Commission on Electron Diffraction
Sabine, T. M.	Member, IUCr Commission on Small Angle Scattering
Spackman, M.A.	Consultant to the IUCr Commission on Charge, Spin and Momentum Densities
Wilkins, S. W.	Consultant to the IUCr Commission on Synchrotron Radiation
Withers, R.	Member, IUCr Commission on Aperiodic Crystals

International Union of Food Science and Technology (IUFoST)

Mortimer, Mr. Alan	IUFoST President
Buckle, Prof. Ken	Chair, IUFoST Scientific Council
Kennedy, G.	Chair, IUFoST Constitution Advisory Committee

International Union of Geodesy and Geophysics (IUGG)

Beer, Tom	IUGG Vice President
Barton, Charles	IAGA President
Jackson, Prof. Ian	Member, IASPEI Executive Committee
Kennett, Prof. B.L.N.	Part-President, IASPEI
McPhie, Prof Jocelyn	IAVCEI Vice President
Middleton, Dr. John F.	Member, IAPSO Executive Committee
Vincent, Prof. R.A.	IAMAS Vice-President
Baines, Dr Peter	President, IAMAS International Commission on Dynamic Meteorology
Cairns, Iver	Chair IAGA Division IV
Campbell, Ian H.	Co-Leader, IAVCEI Commission on Large-Volume Basaltic Provinces
Franks, Dr Stewart W.	Vice President, IAHS International Commission on Coupled Land-Atmosphere System

Gibson, Dr. Gary	Member, IASPEI Commission on Education and Outreach
Hall, Alan	Chair IAHS/WMO GEWEX Working Group
Holbrook, Dr. Neil	Secretary, IAMAS International Commission on Climate
Ivers, David	Co-Chair IAGA Working Group I-1
Lambeck, Kurt	Member, IUGG Commission on the Study of Earth's Deep Interior
Olley, Dr. Jonathan M.	Vice President, IAHS International Commission on Continental Erosion
Sivapalan, Murugesu	Chair, IAHS Prediction in Ungaged Basins (PUB) Working Group

International Union of Geological Sciences (IUGS)

Oldroyd, Prof David	Vice Pres, IUGS Intl. Commission on the History of Geological Sciences
Simpson, Dr Colin J	Member, IUGS Scientific Commission on Geoscience for Environmental Management
Walter, Prof Malcolm	Vice Chairman, Terminal Proterozoic System Subcommittee of the International Commission on Stratigraphy of IUGS
(more Australians listed in IUGS member directory pdf on IUGS website)	

International Union of History and Philosophy of Science (IUHPS)

Not much evidence on website of significant Australian involvement.

International Union of Immunological Societies (IUIS)

Doherty, Peter	Vice President, IUIS
Parish, Christopher	Member, IUIS Executive Council

International Union of Microbiological Societies (IUMS)

Mackenzie, John S.	IUMS Secretary-General
Fleet, Graham H.	Vice Chairman, IUMS Mycology Division
Gust, Dr Ian	Vice President, IUMS International Association for Biologicals

International Union of Nutritional Sciences (IUNS)

Wahlqvist, Prof Mark	President, IUNS
Worsley, Dr Anthony	Chair, IUNS Task Force on School Children Nutrition and Health

International Union for Pure and Applied Biophysics (IUPAB)

dos Remedios, Prof Cris	Vice President, IUPAB
Separovic, A/Prof Frances	Member, IUPAB Executive Council
Mountford, Carolyn	Member, IUPAB Task Force on Biomedical Spectroscopy

International Union of Pure and Applied Chemistry (IUPAC)

Black, Prof. David StC.	IUPAC Secretary General
Gilbert, Prof. Robert G.	Member, IUPAC Bureau
Beasley, Prof. Warren	Member, IUPAC Committee on Chemistry Education
Glasser, Prof. Leslie	IUPAC Committee on Printed and Electronic Publications

Hibbert, Prof. David	Committee Member, IUPAC Analytical Chemistry Division
Loss, Prof. Robert D.	Committee Member, IUPAC Inorganic Chemistry Division
Ralston, Prof. John	Member, IUPAC Union Advisory Committee

International Union of Pure and Applied Physics (IUPAP)

Bouwknegt, P.	Member, IUPAP Commission on Mathematical Physics
Dewar, R.	Member, IUPAP Commission on Plasma Physics
Drummond, P.	Member, IUPAP Commission on Computational Physics
Hannaford, P.	Member, IUPAP Commission on Atomic, Molecular, and Optical Physics
Protheroe, R. J.	Vice-Chair, IUPAP Commission on Cosmic Rays
Simmons, M. Y.	Member, IUPAP Commission on Semiconductors
Thomas, A. W.	Associate Member, IUPAP Commission on Nuclear Physics

International Union for Physical and Engineering Sciences in Medicine (IUPESM)

Allen, Prof Barry J.	IOMP Vice President
Coles, Dr John	Member, IOMP Awards and Honours Committee
Downing, Prof. Andrew	Member, IFMBE Publication and Publicity Committee
Kirsner, Prof. Richard	Co-Chair, IFMBE Finance Committee
Liley, Dr. David	Member, IFMBE Neuroengineering Working Group
Pattison, Mr. John E	Member, IOMP Publications Committee
Schindhelm, Prof. Klaus	Member, IFMBE Cellular Engineering Working Group
Thomas, Prof. Brian	Member, IOMP Scientific Committee

International Union of Pharmacology (IUPHAR)

Angus, James A.	IUPHAR First Vice-President
Birkett, Prof. Don	Vice-Chair, IUPHAR Division on Clinical Pharmacology
Jarrott, Bevyn	Member, IUPHAR Nominating Committee
Lew, Michael	Member, IUPHAR Section on Teaching
Miners, Prof. John	Chair, IUPHAR Drug Metabolism Section
Reid, Julianna	Member, IUPHAR Membership Committee

International Union of Physiological Sciences (IUPS)

Sefton, Ann	Member, IUPS Executive Council
Baudinette, Russell	Chair, Ecological and Evolutionary Section, IUPS Commission on Comparative Physiology: Evolution, Adaptation and Environment
Cook, David	Chair, Epithelial Section, IUPS Commission on Secretion and Absorption
Gandevia, Simon	Chair, Exercise and Work Section of IUPS Locomotion Commission
Harding, Richard	Member, IUPS Commission on Endocrine, Reproduction and Development
McLachlan, Robert	Member, IUPS Commission on Endocrine, Reproduction and Development
McMillen, Caroline	Chair, Development Section, IUPS Commission on Endocrine, Reproduction and Development
Nordin, Christopher	Member, IUPS Commission on Secretion and Absorption
Perry, Michael	Member, IUPS Commission on Circulation and Respiration
Taylor, Nigel A.S.	Member, IUPS Commission on Comparative Physiology: Evolution, Adaptation and Environment

International Union of Psychological Science (IUPsyS)

Bretherton, Diane	Member, IUPsyS Committee for the Psychological Study of Peace
Sanson, Ann	Member, IUPsyS Committee for the Psychological Study of Peace

International Union of Soil Sciences (IUSS)

Abbott, L.	Member, IUSS Committee on awards and Prizes
Fitzpatrick, Rob	Chair, IUSS Commission on Soil Mineralogy
Gupta, Vadakattu	Chair, IUSS Commission on Soil Biology
Hazelton, Pam	Vice-Chair, IUSS Commission on Soil Education and Public Awareness
Humphreys, Geoff	Chair, IUSS Commission on Soil Morphology and Micromorphology
Naidu, Ravi	Chair, IUSS Commission on Soil Degradation Control, Remediation and Reclamation
Smiles, Davis	Member, IUSS Committee on Budget and Finances

International Union of Theoretical and Applied Mechanics (IUTAM)

Boger, Prof. David	Member, IUTAM Working Party 1 - Non-Newtonian Fluid Mechanics and Rheology
Tuck, Prof. Ernie	Member, IUTAM Congress Committee

International Union of Toxicology (IUTOX)

Wright, Paul	Member, IUTOX Education and Career Development Commission
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International Union of Radio Science (URSI)

Wilkinson, Phil	Chair, URSI Working Group on Ionospheric Research to Support Radio Systems
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ICSU Associates

Federation of Asian Scientific Academies and Societies (FASAS)

Lambeck, Prof Kurt	Member, FASAS Executive Council
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Federation Internationale des Geometres (International Federation of Surveyors) (FIG)

Adcock, Simon	Vice Chair of Administration, FIG Commission 9
Higgins, Matt	ACCO Representative to FIG Executive Council
Newnham, Leonie	Chair, FIG Working Group 1.4
Sarib, Robert	Vice Chair of Administration, FIG Commission 5

International Cartographic Association (ICA)

Cartwright, William	ICA Vice President
Baker, Graham	Vice Chair, ICA Commission on Spatial Data Standards
Fraser, David	Vice Chair, ICA Commission on Education and Training
Furness, Ron	Chair, ICA Commission on Marine Cartography
Metternicht, Graciela	Editor ICA News

International Federation of Information Processing (IFIP)

Argent, Dr R.	Secretary, IFIP Working Group on Computers and Environment
Armstrong, Dr H.	Chair, IFIP Working Group on Information Security Education
Bernus, Dr P.	Chair, IFIP Working Group on Architectures for Enterprise Integration
Bertok, Dr P.	Secretary, IFIP Working Group on Computer-aided Manufacturing
Bunker, Dr D.	Secretary, IFIP Working Group on Transfer and Diffusion of Information Technology
Debenham, Dr J.	Secretary, IFIP Technical Committee on Artificial Intelligence
Dillon, Prof D	Chair, IFI Working Group on Web Semantics
Elliot, Prof S.	Chair, IFIP Working Group on E-Business Information Systems
Hughes, Prof J. M.	Vice-Chair, IFIP Working Group on Informatics and ICT in Higher Education
McDougall, Prof A.	Vice-Chair, IFIP Technical Committee on Education
Sharma, Prof A.	Chair, IFIP Working Group on Computational Learning Theory
Stacey, Dr E.	Vice-Chair, IFIP Working Group on Distance Learning
Tsui, Prof E.	Chair, IFIP Working Group on Knowledge Management

Federation of Library Associations and Institutions (IFLA)

Byrne, Alex	IFLA President-Elect
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International Union for Quaternary Research (INQUA)

Chivas, Prof Allan R.	INQUA Treasurer
Murray-Wallace, Colin	President, INQUA Commission on Coastal and marine processes
Pillans, Brad	President, INQUA Commission on Stratigraphy and Chronology
Dodson, John	Member, INQUA Commission on Palaeoecology and Human Evolution
Gehling, James	Chair, ICS-INQUA joint task force on the Quaternary
McTainsh, Grant	Member, INQUA Commission on Terrestrial Processes, Deposits, and History
Nanson, Gerald	Member, INQUA Commission on Terrestrial Processes, Deposits, and History

International Radiation Protection Association (IRPA)

Carter, Mike	Member, IRPA Rules Committee
Higson, Donald	Member, IRPA Publications Committee
Mason, Ches	Member, IRPA International Congress Programme Committee
Smart, Richard	Member, IRPA Admissions Committee

International Society of Endocrinology (ISE)

Simpson, Evan	Member, ISE Executive Committee
Funder, John	Honorary President, 2008 ISE Congress

International Union of Forest Research Organisations (IUFRO)

Bacon, Gary John	Chair, IUFRO Congress Organising Committee
Croke, Jacky	Co-ordinator, IUFRO Task Force on Water and Forests
Fung, Paul Y. H.	Deputy Co-ordinator, IUFRO Division 5 - Forest Products
MacRae, Sharmane	Co-ordinator, IUFRO Task Force on Forest Biotechnology
Vanclay, Dr Jerry	Deputy Co-ordinator, IUFRO Division 1 - Silviculture

International Union for Vacuum Science Techniques and Applications (IUVSTA)

Martin, Phil	Member, IUVSTA Thin Film Division
Singh, Nagindar	Member, IUVSTA Surface Science Division

Pacific Science Association (PSA)

Ward, Dr R. Gerard	Past-President, PSA Executive Committee
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ICSU Interdisciplinary Bodies and Joint Initiatives

Committee on Data for Science and Technology (CODATA)

Simpson, Prof Richard J.	Member, CODATA Task Group on Data Sources in Asian-Oceanic Countries
Wilson, Dr Karen	Member, CODATA Task Group on Data Sources in Asian-Oceanic Countries

An Integrated Programme of Biodiversity (DIVERSITAS)

Williams, Dr Meryl	Member, DIVERSITAS Scientific Committee
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Astronomical and Geophysical Data Analysis Services (FAGS)

Wilkinson, Phil	Member, FAGS Executive Council
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Global Climate Observing System (GCOS)

Manton, Dr Michael	Chair, GCOS Atmospheric Observation Panel for Climate
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Global Ocean Observing System (GOOS)

Smith, Dr Neville	Director, GODAE Project of GOOS
Trull, Tom	Member, GOOS Steering Committee
Wijffels, Susan	Member, Steering Team of ARGO, Project of GOOS

Global Terrestrial Observing System (GTOS)

Barrett, Damian	Modelling Theme Leader, TCO Panel of GTOS
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International Geosphere-Biosphere Programme (IGBP)

Stafford-Smith, Mark	Member, IGBP Scientific Committee
Bunn, Stuart	Member, Scientific Steering Committee, ESSP Global Water System Project
Canadell, Josep	Executive Director, ESSP Global Carbon Project
Craswell, Eric	Executive Officer, ESSP Global Water System Project
Finnigan, John	Member, Scientific Steering Committee, IGBP iLEAPS Project
Kershaw, Peter	Member, Scientific Steering Committee, IGBP Pages Project
McMichael, Tony	Co-Chair, Scientific Steering Committee, ESSP Global Change and Human Health Project
Parslow, John	Member, Scientific Steering Committee, IGBP LOICZ Project
Pearman, Graeme	Co-Chair, Scientific Steering Committee, ESSP START Project
Raupach, Michael	Co-Chair, Scientific Steering Committee, ESSP Global Carbon Project

International Human Dimensions Programme on Global Environmental Change (IHDP)

Cocklin, Chris	Member, Scientific Steering Committee, IHDP GECHS Project
Reichelt, Prof Russell	Deputy Chair, Scientific Steering Committee, IHDP IDGEC Project
Wasson, Dr Merrilyn	Member, Scientific Steering Committee, IHDP IDGEC Project

Committee on Allocation of Radio Frequency (IUCAF)

Tzioumis, Anastasios	Member, IUCAF Committee
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Scientific Committee on Antarctic Research (SCAR)

Allison, Ian	Member, SCAR Group of Specialists on Global Change and the Antarctic
Belbin, Dr L.	Member, SCAR Group of Specialists on Global Change and the Antarctic
Bergstrom, Dr Dana	Chief Officer, SCAR Scientific Programme Group on Evolution and Biodiversity in Antarctica
Goodwin, Dr Ian	Programme Coordinator, SCAR Group of Specialists on Global Change and the Antarctic
Jacka, Dr T. H.	Secretary, SCAR Standing Scientific Group on Physical Sciences
Lytle, Dr V. I.	Member, Scientific Steering Committee, SCAR ASPeCT Project
Manning, John	Member, SCAR Group of Specialists on Antarctic Neotectonics
Reading, Dr Anya M.	Member, SCAR Group of Specialists on Antarctic Neotectonics
Stoddart, Prof Michael	Member, SCAR Standing Committee on the Antarctic Treaty System
Woehler, Dr Eric J	Chief Officer, SCAR Expert Group on Birds
Worby, Anthony	Member, Scientific Steering Committee, SCAR ASPeCT Project

Scientific Committee on Problems of the Environment (SCOPE)

Baker, Prof J. T.	Co-Chair, Scientific Advisory Committee, SCOPE Urban Solid Waste Management Project
Bax, Nic	Executive Board Member, SCOPE Global Invasive Species Programme
Freny, John	Member, SCOPE International Nitrogen Initiative
Hobbs, Richard	Co-Chair, SCOPE Emerging Ecosystem Project
Lonsdale, Mark	Chair, SCOPE Global Invasive Species Programme
McLaughlin, Michael	Member, Scientific Advisory Committee, SCOPE Cadmium in the Environment Project

Scientific Committee on Oceanic Research (SCOR)

Craig, Peter	Member, SCOR Working Group 111 on Coupling Waves, Currents, and Winds in Coastal Models
Hosie, Graham	SCOR Working Group 115 on Standards for the Survey and Analysis of Plankton
Mackey, Denis	Member, SCOR GEOTRACES Planning Group
Marchant, Harvey	SCOR Working Group 120 on Marine Phytoplankton and Global Climate Regulation
McDougall, Trevor J.	SCOR Working Group 121 on Ocean Mixing
Smith, A. D. M.	SCOR Working Group 119 on Quantitative Ecosystem Indicators for Fisheries Management
Tilbrook, Bronte	Member, Scientific Steering Committee, SCOR Joint Global Ocean Flux Study
Wolanski, Eric	SCOR Working Group 122 on Mechanisms of Sediment Retention in Estuaries

Scientific Committee on Solar Terrestrial Physics (SCOSTEP)

Dyson, Peter	Member, SCOSTEP PSMOS Steering Committee
Fraser, B. J.	Member, SCOSTEP S-RAMP Steering Committee
Vincent, R. A.	Co-Chair, SCOSTEP EPIC Steering Committee
Wilkinson, Phil	Member, SCOSTEP S-RAMP International Space Weather Committee

World Climate Research Programme (WCRP)

Allison, Dr Ian	Member, WCRP CliC Scientific Steering Group
Bradley, Dr E.	Member, WCRP Working Group on Surface Fluxes
Church, Dr J.	Member, WCRP Joint Scientific Committee
Hirst, Dr A.	Member, WCRP Working Group on Coupled Modelling
McAvaney, Dr B.	Member, WCRP Working Group on Coupled Modelling
Puri, Dr K.	Member, WCRP Working Group on Numerical Experimentation

Panel on World Data Centres (WDC)

Cole, Dr David	Co-Director, WDC for Solar-Terrestrial Science
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