

INTERNATIONAL GEOLOGICAL CORRELATION PROGRAM AUSTRALIA

AUSTRALIAN IGCP NATIONAL COMMITTEE

Chair: Richard Glen
Adjunct Professor, Department of Earth and
Planetary Sciences, Macquarie University,
Sydney
email:richard.glen@mq.edu.au

ANNUAL REPORT OF THE AUSTRALIAN IGCP NATIONAL COMMITTEE for 2016

The Australian IGCP National Committee manages funds granted by Geoscience Australia that enable mainly young Australian geoscientists to participate in conferences, workshops and other activities of relevant IGCP projects. These IGCP projects have been formally approved by the Paris-based IGCP Board, a subcommittee of UNESCO.

Progress reporting on supported projects and activities is published in The Australia Geologist, with final project outcomes published in peer-reviewed journals

Committee Members

Professor Allan Chivas
Palaeoenvironments, Geochemistry and Geochronology
School of Earth & Environmental Sciences
University of Wollongong
WOLLONGONG NSW 2522
Email: toschi@uow.edu.au

Dr Clinton Foster
Chief Scientist (retired June 2016)
Geoscience Australia
Box 383
Canberra ACT 2601
Email: clinton.foster@ga.gov.au

Dr Brenda Franklin
Mineralogy/Industrial Minerals
Consulting Mineralogist/Petrologist
DEE WHY NSW 2099
Email: brendafranklin@bigpond.com

Dr Richard Glen (Chair)

Tectonics and Structural Geology
Adjunct Professor,
Dept of Earth & Planetary Sciences,
Macquarie University
SYDNEY NSW 2109
Email: richard.glen@mq.edu.au

Dr Kathleen Grey
Stromatolite/Acritarch Biostratigraphy
Consultant
Emeritus Palaeontologist, Geological Survey, Western Australia
Research Associate, School of Geosciences
Monash University
CLAYTON VIC 3800
Email: Kath.grey@gmail.com

Professor Steven Reddy
Assembly and Dispersal of Continents, Structural Geology
Western Australian School of Mines
Curtin University
PERTH WA 6845
Email: S.Reddy@curtin.edu.au

Dr Elizabeth Truswell
Environmental Geoscience/Palaeontology
Visiting Fellow
Australian National University
CANBERRA ACT 2601
Email: etruswell@aapt.net.au

Dr Sue Turner
Vertebrate Palaeontology, IUGS/IGCP history
Geoscience Editor & Writer
Adjunct Research Associate, School of Geosciences, Monash University
Hon Research Fellow, Queensland Museum Geosciences
Email: paleodeadfish@yahoo.com

Mr Alfons (Fons) VandenBerg
Biostratigraphy, Graptolites
Honorary Research Associate
Museum Victoria MELBOURNE VIC. 3001
Email: avandenberq@museum.vic.gov.au

Professor Patricia Vickers-Rich (Chair, 2010-2014)
Palaeobiology/Science Communication
School of Geosciences
Monash University
CLAYTON VIC 3800
Email: pat.rich@sci.monash.edu.au

Australia International Leadership

Australian geoscientists are co-leaders of five major projects: IGCP 587 Ediacaran Fauna with Pat Vickers-Rich, Monash University; IGCP 618; Paleoclimate Groundwater Information with Dioni Cendon, ANSTO; IGCP 628, Gondwana Map Project with Alan Collins, University of Adelaide; IGCP 637, Heritage Stone Designation, with Barry Cooper, University of South Australia; IGCP 648, Supercontinent Cycles and Global Geodynamics, with Zheng-Xiang Li, Curtin University.

In detail, IGCP projects with major Australian involvement are:

NUMBER	NAME	LEADERS	AUS REP
587	Of Identity, Facies and Time: The Ediacaran (Vendian) Puzzle 2010–2014, extended to 2016	Vickers-Rich, P. (Australia) Fedonkin, M. A. (Russia) Gehling, J. (Australia) Narbonne, G. (Canada)	P. Vickers-Rich School of Earth, Atmosphere & Environment Monash University VIC 3800
618	Paleoclimate Information Obtained From Past-Recharged Groundwater 2012-2016	Dioni Cendon (Australia) Jianyao Chen (China) Jason Gurdak (US) Ofelia Tujchneider (Arg) Sylvi Haldorsen (Norway) I. M J. van der Ploeg (Neth) Rein Vaikmae (Estonia) Roland Purtschert (Switzerland)	Dioni Cendon ANSTO Locked Bag 2001 Kirrawee DC, NSW 2232
628	The Gondwana Map Project 2013-2017	R. Silva Schmitt (Brazil) M. De Wit (South Africa) A. Collins (Australia) C. Reeves (Neth) P. Rossi (France) E. J. Milani (Brazil)	Alan Collins Dept of Earth Sciences The University of Adelaide SA 5005
632	Continental Crises of the Jurassic 2014-2018	J. Sha (China) V. Vajda (Sweden) P. Olsen (USA) E. Msaky (Tanzania) M. Et-Touhami (Morocco) O. Shevchuk (Ukraine) H. Campbell (New Zealand) W. Kuerschner (Norway)	Sue Turner Queensland Museum Ancient Environments 122 Gerler Road, Hendra QLD 4011
637	Heritage Stone Designation 2015-2019	B.Cooper (Australia) B. Schouenborg (Sweden) D. Pereira (Spain) Sabina Kramar (Slovenia)	Barry Cooper Dept of Natural & Built Environments, University of South Australia Adelaide SA 5001
648	Supercontinent Cycles and Global Geodynamics 2015-2019	Z-X Li (Australia) S. Zhong (USA) D. Evans (USA) B. Eglinton (Canada)	Zheng-Xiang Li Dept of Applied Geology Curtin University WA 6845
649	Diamonds and Recycled Mantle	J. Yang (China)	Bill Griffin

2015-2019

Y. Dilek (USA)
P. Robinson (Canada)
I. Milushi (Albania)
M. Abu Anbar (Egypt)

**GEMOC Dept Earth &
Planetary Sciences, Macquarie
University NSW 2109**

(Details can be accessed at <http://www.unesco.org/new/en/natural-sciences/environment/earth-sciences/international-geoscience-programme/igcp-projects/>)

Other Activities

Professor Patricia Vickers-Rich is on the expanded IGCP Scientific Board and was elected as the Chair of the Science Board. Dr George Gibson is a member of the IGCP Scientific Board and current theme leader for Geodynamics in IGCP.

Grant Applications in 2016 and finances

The adjacent table shows that 16 successful applications were made to the committee for financial assistance to assist the attendance at eligible IGCP meetings. Two could not be taken up, and the amounts granted were re-allocated to cover the costs of production of field guides and display material for the field conference. Most of these funds were allocated to co-leaders, or to the IGCP Australian correspondent or to young scientist members of respective working groups. Funding was designed to contribute to overall costs.

In calendar 2016, the IGCP committee spent \$29,633. This was sourced from the \$20,000 annual grant from Geoscience Australia together with funds carried forward from 2014, some of them the result of private donations. At the end of 2016 our balance was \$19,397.67.

We will be applying for the recurrent grant of \$20,000 from Geoscience Australia for 2017, not only to cover normal applications, but also for the expected large number of applications for attendance at the Rodinia Downunder meeting in Queensland in June.

Acknowledgement

The ability of the IGCP committee to contribute funding to Australia's participation in international geoscience is only made possible by the recurrent funding from the Australian Government through Geoscience Australia. I wish to record the committee's grateful thanks to that organisation and especially to its recently retired CEO, Dr Chris Pigram.

Richard Glen
Chair
Australian IGCP National Committee

04 January 2017

2016 GRANTS DISBURSED						
NAME		IGCP NUMBER	ROLE	TITLE IGCP PROJECT	MEETING AND DATE	FUNDING (A\$)
Pat Vickers-Rich	Monash Uni	igcp 587	project leader	Of Identity, Facies and Time. The Ediacaran (Vendian) Puzzle	IGC meeting Cape Town 27 August- 4 September and related field conference in Namibia 21-25 August 2016	3000
Pat Vickers-Rich	Monash Uni	igcp 587	project leader	Of Identity, Facies and Time. The Ediacaran (Vendian) Puzzle	IGC meeting Cape Town 27 August- 4 September and related field conference in Namibia 21-25 August 2016	3383
Peter Trusler	Monash Uni	igcp 587	member of Australian working group	Of Identity, Facies and Time. The Ediacaran (Vendian) Puzzle	IGC meeting Cape Town 27 August- 4 September and related field conference in Namibia 21-25 August 2016	(*1500)
Les Kriesfeld	Monash Uni	igcp 587	member of Australian working group	Of Identity, Facies and Time. The Ediacaran (Vendian) Puzzle	IGC meeting Cape Town 27 August- 4 September and related field conference in Namibia 21-25 August 2016	1500
Jeff Smith	Monash Uni	igcp 587	member of Australian working group	Of Identity, Facies and Time. The Ediacaran (Vendian) Puzzle	IGC meeting Cape Town 27 August- 4 September and related field conference in Namibia 21-25 August 2016	1500
Steve Pritchard	Monash Uni	igcp 587	member of Australian working group	Of Identity, Facies and Time. The Ediacaran (Vendian) Puzzle	IGC meeting Cape Town 27 August- 4 September and related field conference in Namibia 21-25 August 2016	(*1500)
Tom Rich	Museums Victoria	igcp 608/609	Australian correspondent	Asia Pacific Cretaceous Ecosystems and Cretaceous sea-level changes	IGC meeting Cape Town, 27 August-4 September	^3000
George Gibson	ANU	igcp 648	participant	Supercontinent Cycles and Global Geodynamics	IGC meeting Cape Town, 27 August-4 September	1750
Sheree Armistead	Adelaide Univ	igcp 628/648	member of Australian working group	The Gondwana Map & Supercontinent Cycles and Global Geodynamics	IGC meeting Cape Town, 27 August-4 September plus fieldwork	1500
Morgan Blades	Adelaide Univ	igcp 628	member of Australian working group	Gondwana Map Project	IGC meeting Cape Town, 27 August-4 September plus fieldwork	1500
Margaret Brocx	Perth	igcp 637	Australian Correspondent	Heritage Stone	IGC meeting Cape Town, 27 August-4 September	1500
Alan Collins	Adelaide Univ	igcp 628/648	co-leader	The Gondwana Map & Supercontinent Cycles and Global Geodynamics	IGC meeting Cape Town, 27 August-4 September	3000
Brandon Alessio	Adelaide Univ	igcp 628/648	member of Australian working group	The Gondwana Map & Supercontinent Cycles and Global Geodynamics	IGC meeting Cape Town, 27 August-4 September	1500
Dioni Cendon	ANSTO	igcp 618	co-leader	Palaeoclimate information obtained from past-recharged Groundwater	Annual meeting and workshop of IGCP-618, San Francisco State University 12-16 December & AGU San Francisco	1500
Alan Collins	Adelaide Univ	igcp 628	co-leader	Gondwana Map Project	International Association of Gondwana Research, Gondwana to Asia meeting, India, 19-22 November	3000
Bo Yang	Adelaide Univ	igcp 628	member of Australian working group	Gondwana Map Project	International Association of Gondwana Research, Gondwana to Asia meeting, India, 19-22 November	2000
TOTAL ALLOCATED						29 633
				^ requested \$1000 but committee members increased to \$3000 to balance personal donation to IGCP fund in 2014	* attendance funded but could not be taken up and thus refunded after funds disbursed.	