

# **AUSTRALIAN ACADEMY OF SCIENCE**

## **National Committees for Science: ANNUAL REPORT TO COUNCIL on 2009 activities**

### **NATIONAL COMMITTEE FOR: Space Science**

**CHAIR: Professor Iver Cairns**

PERIOD COVERED IN THIS REPORT: 1 January - 31 December, 2009

**Please complete and return this form by 16 December, 2009.**

NOTE: This report will be published on the Academy of Science website at [www.science.org.au/natcoms](http://www.science.org.au/natcoms)

### **MEETINGS OF THE NATIONAL COMMITTEE**

THE NATIONAL COMMITTEE MET ON: The Committee did not meet at the Academy in 2009. Instead, business was also carried out via email and telephone calls. Committee members are active participants in other groups that develop and promote specific space science programs.

THE FOLLOWING MEETINGS ARE PROPOSED FOR 2010 (include date and place, if possible):

Late March, either at the Academy or else at the University of Sydney.

Late September or early October, either before, during, or at the Australian Space Science Conference, location currently unknown.

### **MEETINGS: INTERNATIONAL ORGANISATIONS AFFILIATED WITH ICSU**

IN 2009 THERE WAS A GENERAL ASSEMBLY OF (include date and place):

11<sup>th</sup> IAGA Scientific Assembly, 23-30 August 2009, Sopron, Hungary.

IN 2010 THERE WILL BE A GENERAL ASSEMBLY OF (include date and place):

38<sup>th</sup> COSPAR Scientific Assembly, 13 - 20 July 2010, Bremen, Germany, and the

SCOSTEP STP-12 Symposium, 12-16 July 2010, Berlin, Germany.

The next GENERAL ASSEMBLY/CONGRESS will be held in 2011:

XXV IUGG General Assembly, 28 June – 7 July 2011, in Melbourne (Australia).  
This Assembly includes multiple IUGG Associations, including IAGA.

I RECOMMEND TO COUNCIL THE FOLLOWING VOTING AUSTRALIAN DELEGATION: (include title, name, address, telephone, email and fax number)

For COSPAR:

Professor Iver Cairns,  
School of Physics, Email: cairns@physics.usyd.edu.au  
University of Sydney,  
NSW 2006, Work phone: +61-2 9351-3961  
Australia Work fax: +61-2 9351-7726.

Prof. Cairns is the Chair of the NCSS, as well as being the immediate past Chair of Division IV (Solar Wind and Interplanetary Magnetic field) of IAGA, the Secretary General and Vice-President (Solar Terrestrial Section) of the Asia Oceania Geosciences Society (AOGS), and the immediate past Chair (2004-2006) of the Solar Terrestrial and Space Physics (STSP) Group of the Australian Institute of Physics (AIP).

For SCOSTEP:

Professor Brian Fraser,  
School of Mathematical and Physical Sciences, Email: brian.fraser@newcastle.edu.au  
University of Newcastle,  
NSW 2308, Work phone: +61-2-4921-5445  
Australia Work fax: +61-2-4921-6907

Prof. Fraser is the National Representative for SCOSTEP, as well as being a past Chair of NCSS and of the STSP Group of the AIP.

#### **AUSTRALIAN OFFICE HOLDERS IN ICSU AND AFFILIATED BODIES**

AUSTRALIANS WHO HELD OFFICE IN 2009 WERE:

(include all appointed/elected memberships of subsidiary bodies, standing committees, commissions etc. as well as appointments to Bureau/Executive positions in the governing body).

PERSON	INTERNATIONAL BODY	POSITION	TERM OF OFFICE
Dr C. Barton	IAGA, IUGG	Chair, Working Group V-8	"Analysis of the Global and Regional Geomagnetic Field and its Secular Variation".
Prof. I.H. Cairns	IAGA COSPAR	National Council Representative	National Council Representative
Prof. P.L. Dyson	COSPAR SCOSTEP SCOSTEP COSPAR/URSI	Scientific Discipline Representative Member, PSMOS Steering Committee Scientific Discipline Representative Member, WG on the International Reference Ionosphere	
Prof. B.J. Fraser	SCOSTEP	National Representative	

	SCAR	Member, WG on Solar-Terrestrial and Astrophysical Research
	IHY	Australian member of the International Steering Committee for the International Heliophysical Year (IHY).
Dr D. Ivers	IAGA	Co-Chair Working on Theory of Planetary Magnetic Fields and Geomagnetic Secular Variation
Prof. F. Menk	SCOSTEP	Scientific Discipline Representative
Prof. I. Reid	SCOSTEP	Scientific Discipline Representative
Prof. R.A. Vincent	IAMAS SCOSTEP	Vice-President, Executive Committee President, and Science Steering Committee, CAWSES Working Group 3
Prof. M. R. Walter	International Mars Exploration Working Group.	Australian Representative 2008

THE FOLLOWING NOMINATIONS WILL BE MADE IN 2010:

PERSON	INTERNATIONAL BODY	POSITION	TERM OF OFFICE
Prof. F. Menk	SCOSTEP	National Representative	2011-2013

**ACTIVITIES OF NATIONAL COMMITTEE – Please include comments on progress achieved on projected activities identified in your 2009 Business Plan. 2009 Business plans can be viewed at [www.science.org.au/natcoms](http://www.science.org.au/natcoms)**

Go to [http://www.science.org.au/reports/2008\\_09anrep.html](http://www.science.org.au/reports/2008_09anrep.html), to view the Chairs' Reports on 2008 activities.

I SUBMIT THE FOLLOWING REPORT TO COUNCIL ON THE ACTIVITIES OF THE NATIONAL COMMITTEE IN calendar year 2009 (200-250 words):

2009 was an extremely busy year for the National Committee for Space Science (NCSS). Four major items are reported here, all in addition to managing Australia's participation in international societies for space science (COSPAR, IAGA, IUGG, and SCOSTEP). First and most important, the first Decadal Plan for Australian Space Science was revised by the Steering Committee, approved by NCSS, and on 3 December 2009 endorsed by the Academy. The Plan will be released officially in early to mid 2010. NCSS thanks the Steering Committee for their sterling work and looks forward to implementation of the Plan and resulting invigoration of Australian space science, industry, and services. Second, NCSS

made major contributions to the development and content of the *Strategic Plan for Earth Observation from Space*, which was released on 30 October 2009 as a result of a joint Academy process. Third, NCSS jointly sponsored and organized, with the National Space Society of Australia, the 2009 Australian Space Science Conference (ASSC) at the University of Sydney. Parliamentary Secretary for Innovation and Industry the Hon Richard Marles MP (Vic) and Senator Annette Hurley (SA), Chair of the 2008 Senate Inquiry into Australia's Space Science and Industry Sector (Standing Committee on Economics), opened the conference itself and the Decadal Plan Workshop, respectively. Fourth, presentations to the ASSC, Australian Institute of Physics, and other groups promoted the Plan and Australian space science, as did over 5 media interviews and articles.

**Please complete and return this form by 16 December, 2009 to:**

Connie Berridge  
National Committees Officer  
Australian Academy of Science  
E [connie.berridge@science.org.au](mailto:connie.berridge@science.org.au)  
P 02 6201 9448  
F 02 6201 9494  
Ian Potter House, Gordon St, Canberra, ACT, Australia, 2600  
GPO Box 783, Canberra, ACT, Australia, 2601