



Australian Academy of Science

Ian Potter House, Gordon Street, Canberra 2601

NATIONAL COMMITTEES FOR SCIENCE National Committee for Space Science

2009 BUSINESS PLAN or WORK PLAN, including TIMELINES AND PROPOSED BUDGETS

Note: This plan will be published on the National Committee page of the Academy of Science website www.science.org.au/natcoms.

It is anticipated that this Plan (approx one page) would provide information on:

1. Aims of this National Committee.

- Propose and encourage activities and policy in Australia, either jointly with other bodies or separately, that promote and develop space science in Australia;
- Liaise with the international Committee for Space Research (COSPAR), the International Association of Geomagnetism and Aeronomy (IAGA), the International Association of Geodesy (IAG), the Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) of ICSU, and other relevant international bodies and societies;
- Liaise with: the Australian Institute of Physics (AIP) and its Solar Terrestrial and Space Physics (STSP) Group; the Geological Society of Australia; IPS Radio and Space Services, the CSIRO Office of Space Science and Applications (COSSA), the Defence Science and Technology Organisation (DSTO), and other Government bodies; the Academy of Technological Sciences and Engineering (ATSE), and other relevant national bodies and societies (whether professional, commercial, or public-based);
- Enhance cross-fertilisation across the multi-disciplinary subject of space science;
- Provide government with advice and opinions on matters relevant to space policy and space related activities of national importance;
- Encourage participation by Australian scientists in relevant activities of COSPAR, IAGA, IAG, SCOSTEP, and similar international scientific societies and programs (e.g., CAWSES, IHY, eGY, I*Y etc.), to keep COSPAR, IAGA, IAG, SCOSTEP, and similar societies and programs informed at appropriate times of Australian opinions and plans, and to ensure that our voice is heard.

2. Strategies to allow these aims to be achieved. Eg engaging to a greater extent with the secondary and / or tertiary education sectors; promoting the benefits of your discipline to the Australian community; strengthening relationships with scientific societies; contributing to policy development; facilitating international engagement by Australian scientists

- Develop, release, and promote a first Decadal Plan for space science in Australia;
- Promote the National Space Weather Plan and the associated Space Weather Statement in collaboration with the Academy of Technological Sciences and Engineering (ATSE);
- Support COSPAR, IAGA, and SCOSTEP by managing the Australian delegation and input (International role), with similar work for other appropriate national and international groups;
- Support the many component disciplines and applications of space science (e.g., solar-terrestrial and space physics, planetary atmospheres and geology, remote sensing, astrobiology, and space technology) as major foci and themes of scientific meetings in Australia.
- Develop stronger links to other organisations in Australia with interests in space and science.



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3. Plan of work/activities (and proposed budget details) in 2009 which will achieve the aims:
- a. National (Funding from Academy: Up to \$2,500 upon presentation of receipts/invoices, to support NC meetings/teleconferences). Please include draft agenda items.
- Complete, release and promote a Decadal Plan for Australian space science for the period 2009 – 2018 in consultation with relevant space, geoscience, biological, and astronomical constituencies.
 - Respond to issues relevant to government space policy and a coordinated national effort in space science (e.g. the National Space Weather Plan) and help organise meetings of Australian space scientists with government and foreign groups;
 - Jointly organise and promote the 2009 Australian Space Science Conference with the National Space Society of Australia (NSSA);
 - Develop contacts with other Australian Societies with interests in space science, such as ATSE, IEAust National Committee on Space Engineering (NCSE), Geological Society of Australia, NSSA, and the Australian Space Industry Chamber of Commerce;
 - Support continued involvement in the Hayabusa (MUSES-C) space mission through the Academy's MUSES-C Task Force set up in 2002;
 - Support involvement of Australian scientists and institutions in existing and future spacecraft, ground-based instruments and infrastructure relevant to Australian space science;
 - Support Australian involvement in the CAWSES, International Living with a Star (ILWS), IHY, I*Y, and eGY programs.
- b. International Scientific Union (Funding from Academy: Up to \$2,000 each for up to three approved voting delegates, upon presentation of a report and receipts/invoices, for attendance at the triennial/quadrennial General Assembly meetings of the corresponding International Union).
- Participate in COSPAR activities as required (38th Scientific Assembly, Germany, 2010);
 - Participate in organizing IAGA and provide the Australian delegate to the 11th Scientific Assembly (Sopron, Hungary, August 2009);
 - Participate in organizing SCOSTEP, CAWSES, and related societies/programs as required (NCSS member Prof. Vincent is President of SCOSTEP);
 - Help plan and otherwise support the holding of the 2011 IUGG General Assembly in Melbourne;
 - Help plan and otherwise support the holding of the 2012 International Union of Geological Sciences (IUGS) General Assembly in Brisbane;
 - Provide an Australian representative for the International Steering Committee for the IHY.

Funding requested: \$2000 each towards travel of the Academy's authorised NCSS delegates (Prof. Cairns) to attend and vote at the 11th Scientific Assembly, Sopron, Hungary, August 2009.

Progress against these identified Work Plan activities will be reported on in the Chairs' annual reports to the Academy. Work Plans for 2008 can be viewed at www.science.org.au/natcom

Please complete and return this form by 12 December 2008 to:

Jeanette Mill
National Relations Officer
Australian Academy of Science