

ANNUAL REPORT FOR THE PERIOD 1 January 2007 to 31 December 2007

1. Executive Summary

COSPAR-SCOSTEP Committee Report 2006-2007

The highlight of the reporting period is the establishment of a regional Warning Centre at the HMO. This is the result of work by committee members at the SCOSTEP meeting in Brasil in 2006 and COSPAR 2006 in Beijing. Members of the Space Physics community continue to contribute strongly to the scientific literature. The Community was strongly represented at the COSPAR general Assembly in Beijing, 2007 where 10 papers were presented by 6 participants. The community was also been represented at the EGU, Vienna 2007 and at a number of IPY and IHY workshops. The Space Physics community is also strongly involved in research in Antarctica and Marion Island.. The highlights of 2008 will be the launch of the Sumbanddila satellite and work on IPY and IHY projects.

Prof. A R W Hughes (Chairperson)	Space Physics Research Institute, University of KwaZulu-Natal, Durban		Tel: 031 260 3158 Fax: 031 261 6550 e-mail: hughes@ukzn.ac.za
Prof. G W Milne	Department of Physics University of Stellenbosch Private Bag X1 7602 MATIELAND		Tel: 021 808 4525 Fax: 021 808 4981 e-mail: milne@ing.sun.ac.za
Prof M S Potgieter	Dept. of Physics Potchfestroom University for CHE Potchfestroom 2520		Tel: 018 299 2406 Fax: 018 299 2421 e-mail: fskmsp@puknet.puk.ac.za
Dr Lee-Ann McKinnel	Hermanus Magnetic Observatory (HMO) Hermanus, Western Cape		Tel: 0 28 312 1196 Fax: 0 28 312 2039 Cell: 0833283048 L.McKinnel@ru.ac.za
Dr P Martinez Ms X Kakana	South African Astronomical Observatory, Cape Town		Tel: 021 447 0025 e-mail: peter@sao.ac.za
	Space Council		Tel: 011 785 1506 082 498 4649 e-mail: xoliswa@ict-works.co.za
Headings	Activities completed- January to December 2007		Activities planned- January to December 2008
2. Background & Composition of National Committee 3. (Please indicate if any of the members of the committees have previously been capacity	Details of committee attached		Attendance at the 37 th COSPAR General Assembly in Montreal 13-20 July 2008

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building candidates)		
4. Participation by South Africans in Union activities		•
3.1. Size of local community	• Circa 70	•
3.2 South Africans serving on Unions or its subsidiary bodies	Professor M Potgieter was Chairman of Sub commission D1 from 2002-2006: the heliosphere and a member of Commission D to the Panel for Capacity Building. Professor A Hughes is a member of the Finance Committee •	Attendance at General Assembly and participation in Business and Scientific Meetings. Hughes will attend the Finance Committee Meeting, Potgieter as commission Chair and KcKinnell.
3.3 Attendance of International Congresses/Workshops • Number of conferences attended • Number of South African delegates • Number of papers presented by South Africans (indicate	Beijing 2006, 6 South attendees, 10 Papers presented SCOSTEP 2006, Rio, Brasil, 1 attendee IHY Workshop, Bangalore, 2006, India, 1 attendee, 3 capacity building attendees from DST, 1 paper <i>Flanders-SA Workshop on Space Plasma Physics (Ghent, Belgium), (2006), 1 attendee 4 papers presented</i>	•

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any special invitations, e.g. keynote/ plenary talks)		
3.4 Capacity Building with regard to Membership of National Committee and involvement of young scientists in International Meetings	<ul style="list-style-type: none"> The two younger members of the Committee are Dr Lee-Anne McKinnel and Ms X Kakana, Dr McKinnel attended the COSPAR general Assembly in Beijing and 3 capacity building candidates from DST attended a workshop in Bangalore 	<ul style="list-style-type: none">
3.5 Organisation of Union related Conferences in South Africa	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none">
Contribution by members to key documents and publications (please indicate why they are regarded as key)		
3.6 Report back on recommendations made during the in depth review (indicate what were the recommendations and what	<ul style="list-style-type: none"> 	<ul style="list-style-type: none">

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progress has been made to attend to them.)		
4. Value to the Community and Benefit to South Africa	<ul style="list-style-type: none"> The international connections and forums provided by COSPAR and SCOSTEP are crucial to maintaining out connections in Space and Solar Terrestrial Physics. They also provide a relevant audience for the presentation of our research results. 	
5. Public Society Interfaces and Outreach Programmes – self initiated or facilitated by ICSU	SAAO and HMO run summer and Winter in Space and Plasma Physics (HMO)and Astronomy and astrophysics (SAAO)	<ul style="list-style-type: none">
6. Research Highlights/ New Initiatives in South Africa (indicate what benefits will these bring for SA)	<p>The establishment of a New Scientific Base at Marion Island</p> <p>In June 2007 HMO has become a Regional Warning Centre for Space weather. This is as a result of the work of the SCOSTEP and COSPAR committee members at meetings in Rio (SCOSTEP) and Beijing (COSPAR)</p>	<ul style="list-style-type: none"> The launch of the Sumbandila during 2008

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7. Science Education (Any activities involving teachers, students, school curriculum development, graduate student development)	HMO operates a Science Centre which contributes significantly to children and teacher education.	•
8. Financial assistance received by South Africans direct from ICSU bodies during 2007	None, there being COSPAR or SCOSTEP Assemblies during 2007	Finance required for 3 Committee members to attend the COSPAR general Assembly in Montreal from 13-20 July 2008