

MEMBER COUNTRY:

National Report to SCAR for year:

Activity	Contact Name	Address	Telephone	Fax	Email	web site
National SCAR Committee						
SCAR Delegates						
1) Delegate	Prof. Steven Chown	Centre for Invasion Biology, Stellenbosch University, Private Bag X1, Matieland 7602, South Africa	27 21 808 2385	27 21 808 2995	slchown@sun.ac.za	
2) Alternate Delegate	Dr. Sandile Malinga	Hermanus Magnetic Observatory, P.O. Box 32, Hermauns 7200, South Africa	27 28 312 2039		smalinga@hmo.ac.za	
Standing Scientific Groups						
Life Sciences						
1)	Prof. Steven Chown	Centre for Invasion Biology, Stellenbosch University, Private Bag X1, Matieland 7602, South Africa				
2)	Prof. Bettine Jansen van Vuuren	Dept. Botany & Zoology, Stellenbosch University, Private Bag X1, Matieland 7602, South Africa	27 21 808 4862		bjvv@sun.ac.za	
3)						
4)						
Geosciences						
1)	Dr. Paul Macey	Council for GeoScience, Western Cape, PO Box 572, Bellville 7535, South Africa	27 21 948 4754	27 21 948 8788	pmacey@geoscience.org.za	
2)	Prof. Ian Meiklejohn	Department of Geography, Rhodes University, PO Box 94, Grahamstown 6140, South Africa	27 46 603 8319	27 86 688 1800	ki.meiklejohn@gmail.com	
3)						
4)						
Physical Sciences						
1)	Dr. Sandile Malinga	Hermanus Magnetic Observatory, P.O. Box 32, Hermauns 7200, South Africa				
2)	Dr. Isabelle Ansorge	Department of Ocenaography, University of Cape Town, Rondebosch 7700	27 21 650 3280	27 21 650 3979	Isabelle.Ansorge@uct.ac.za	
3)						
4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site		
Scientific Research Program								
ACE								
Dynamics of the STC in the South Atlantic	Isabelle Ansoorge	Department of Oceanography, University of Cape Town	012 650 3280	012 650 3979	ansoorge@ocean.uct.ac.za	www.uct.ac.za	2006 - 2009	Climate Variability
Antarctic impacts on South African climate	Chris Reason	Department of Oceanography, University of Cape Town	021 650 4117	021 650 3791	cir@eqs.uct.ac.za	www.uct.ac.za	2007 - 2009	Climate Variability
Subtropical Convergence Study	Johann Lutjeharms	Oceanography, University of Cape Town	021 650 3279	021 650 3979	Johann.Lutjeharms@uct.ac.za	www.uct.ac.za	2008 - 2012	Climate Variability
Evolution of the Southern Ocean gateway currents	Mike Watkeys	Geological Sciences, University of KwaZulu Natal	031 260 2519	031 260 2280	watkeys@ukzn.ac.za	www.ukzn.ac.za	2008 - 2009	Climate Variability
AGCS								
Geomorphology and climate change	Ian Meiklejohn	Department of Geography, Rhodes University	046 603 8319	086 688 1800	ki.meiklejohn@gmail.com	www.ru.ac.za	2006 - 2011	Biodiversity
Biogeochemistry in the Southern Ocean	A Roychoudhury	Geological Sciences, University of Cape Town	021 650 2902	021 650 3783	aroy@geology.uct.ac.za	www.uct.ac.za	2007 - 2009	Biodiversity
SA - Southern Ocean Biogeochemistry	Pedro Monteiro	Council for Scientific and Industrial Research (CSIR)	021 888 2437	021 888 2693	pmonteir@csir.co.za	www.csir.co.za	2008 - 2012	Climate Variability
Neotectonic stress analysis on Marion Island	AJ Bumby	Department of Geology, University of Pretoria	012 420 4416	012 362 5219	abumby@postino.up.ac.za	www.up.ac.za	2009	Geosciences
EBA								
The evolution of variability	Bettine Jansen van Vuuren	Botany and Zoology, University of Stellenbosch	021 808 4862	021 808 2405	bjvv@sun.ac.za	www.sun.ac.za		
Elephant Seals as Oceanographic Platforms	Marthan Bester	Zoology and Entomology, University of Pretoria	012 420 2067	012 420 2534	mnbester@zoology.up.ac.za	www.up.ac.za		
Seabirds at Marion Island	Robert Crawford	Marine and Coastal Management, Dept Environmental Affairs	021 402 3140	021 402 3330	crawford@deat.gov.za	www.deat.gov.za	2006 - 2011	Variability
Individual variation in albatross reproduction	Peter Ryan	Percy Fitzpatrick Institute, University of Cape Town	021 650 2966	021 650 3295	peter.ryan@uct.ac.za	www.uct.ac.za	2006 - 2010	Biodiversity
Drivers of sub-antarctic terrestrial ecosystems	Steven Chown	Centre for Invasion Biology, University of Stellenbosch	021 808 2385	021 808 2995	slchown@sun.ac.za	www.sun.ac.za	2006 - 2009	Biodiversity
Marine Mammal Exploration of the Oceans	Marthan Bester	Zoology and Entomology, University of Pretoria	012 420 2067	012 420 2534	mnbester@zoology.up.ac.za	www.up.ac.za	2007 - 2009	Biodiversity
Sub-antarctic fish systematics	Ofer Gon	South African Institute for Aquatic Biodiversity	046 603 5828	046 622 2403	o.gon@ru.ac.za	www.saiab.ru.ac.za	2007 - 2012	Biodiversity
Spatial variability in Southern Ocean ecosystems	Christopher McQuaid	Zoology and Entomology, Rhodes University	046 603 8535	046 622 4377	c.mcquaid@ru.ac.za	www.ru.ac.za	2007 - 2011	Biodiversity
Albatrosses as ecosystem engineers	Steven Chown	Centre for Invasion Biology, University of Stellenbosch	021 808 2385	021 808 2995	slchown@sun.ac.za	www.sun.ac.za	2008 - 2012	Biodiversity
Microbial communities in Antarctic soils	Don Cowan	Biotechnology, University of the Western Cape	021 959 2083	021 959 3505	dcowan@uwc.ac.za	www.uwc.ac.za	2008 - 2012	Biodiversity
Extremophile phage biology	Don Cowan	Biotechnology, University of the Western Cape	021 959 2083	021 959 3505	dcowan@uwc.ac.za	www.uwc.ac.za	2008 - 2012	Biodiversity
Reservoir host potential of invasive <i>Mus Musculus</i>	Amanda Bastos	Zoology and Entomology, University of Pretoria	012 420 4612	012 362 5242	adbastos@zoology.up.ac.za	www.up.ac.za	2009 - 2010	Biodiversity
Population ecology of pinnipeds	Marthan Bester	Zoology and Entomology, University of Pretoria	012 420 2067	012 420 2534	mnbester@zoology.up.ac.za	www.up.ac.za	2009 - 2013	Biodiversity
Killer whales at Marion Island (seed funding)	Stephanie Ploen	Port Elizabeth Museum: Bayworld	041 584 0650	041 584 0661	stephanie@bayworld.co.za	www.bayworld.co.za	2009	Biodiversity
Short term change in <i>Nesospiza</i> buntings	Peter Ryan	Percy Fitzpatrick Institute, University of Cape Town	021 650 2966	021 650 3295	peter.ryan@uct.ac.za	www.uct.ac.za	2009 - 2012	Biodiversity
A vegetation biomass and nutrient budget of Marion	Valdon Smith	Department of Botany, University of Stellenbosch	021 808 3111	021 808 3607	vs2@sun.ac.za	www.sun.ac.za	2009 - 2012	Biodiversity
ICESTAR								
Geospace Physics at Marion (GESPAM)	Arthur Hughes	School of Physics, University of KwaZulu Natal	031 260 3158	031 261 6550	hughes@ukzn.ac.za	www.ukzn.ac.za	2007 - 2011	Geospace
Geospace Physics on Antarctica (GESPA)	Arthur Hughes	School of Physics, University of KwaZulu Natal	031 260 3158	031 261 6550	hughes@ukzn.ac.za	www.ukzn.ac.za	2007 - 2011	Geospace
Cosmic Ray Research	Harm Moraal	School of Physics, North-West University	018 299 2402	018 299 2421	fskhn@puk.ac.za	www.nwu.ac.za	2007 - 2011	Geospace
Southern Hemisphere Auroral Radar Experiment (SHARE)	Lindsay Magnus (in lieu of Peter Sutcliffe)	Hermanus Magnetic Observatory	028 312 1196	028 312 2039	lmagnus@hmo.ac.za	www.hmo.ac.za	2007 - 2011	Geospace
Polar Space Weather studies during IPY/IHY	Pierre Cilliers	Hermanus Magnetic Observatory	028 312 1196	028 312 2039	picilliers@hmo.ac.za	www.hmo.ac.za	2008 - 2009	Geospace
VLF, ELF, ULF Signs of Ionospheric Disturbances (incorporating)	Andrew Collier	School of Physics, University of KwaZulu Natal	021 260 1157	031 261 6550	abcollier@hmo.ac.za	www.hmo.ac.za	2009 - 2013	Geosciences
Other								
Wind generator and storage system for polar region	MJ Kamper	Electrical Engineering, University of Stellenbosch	021 808 4323	021 808 3951	kamper@inq.sun.ac.za	www.sun.ac.za	2007 - 2011	Engineering

Activity	Contact Name	Address	Telephone	Fax	Email	web site
ACTION GROUPS						
1) 2) 3) 4) insert others as needed						
EXPERT GROUPS						
1) 2) 3) 4) insert others as needed						
JCADM						
1) 2)						
NATIONAL ANTARCTIC DATA CENTRE						
Not established						
SCAR DATABASE						
n/a						
A BRIEF SUMMARY OF SCIENTIFIC HIGHLIGHTS:						
see under SRPs above						