

**MEMBER COUNTRY: ARGENTINA**  
**National Report to SCAR for year: 2007-2008**

Activity	Contact Name	Address	Telephone	Fax	Email	web site
<b>National SCAR Committee</b>						
<b>SCAR Delegates</b>						
1) Delegate	Dr. Sergio A. Marensi	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-816-6271	54-11-4-813- 7807	<a href="mailto:smarensi@dna.gov.ar">smarensi@dna.gov.ar</a>	<a href="http://www.dna.gov.ar">www.dna.gov.ar</a>
2) Alternate Delegate	Dr. Viviana Alder	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-576- 3300/09 int.248	54-11-4-812-2086	<a href="mailto:viviana_alder@yahoo.com">viviana_alder@yahoo.com</a>	
<b>Standing Scientific Groups</b>						
<b>Life Sciences</b>						
1)	Dr. Néstor R. Coria	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-275-7523	54-11-4-812-2086	<a href="mailto:ncoria@dna.gov.ar">ncoria@dna.gov.ar</a>	
2)	Dr. Mariano A. Memolli	Dirección Nacional del Antártico (D.N.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-813-7807	54-11-4-813-7807	<a href="mailto:dna@dna.gov.ar">dna@dna.gov.ar</a>	
3)						
4)						
<b>Geosciences</b>						
1)	Dr. Rodolfo A. del Valle	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-815-4064	54-11-4-812-2086	<a href="mailto:delvalle@dna.gov.ar">delvalle@dna.gov.ar</a>	
2)	Dr. Martha E. Ghidella	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-812-6313	54-11-4-812-2086	<a href="mailto:mghidella@dna.gov.ar">mghidella@dna.gov.ar</a>	
3)	Eng. Federico Mayer	Servicio de Hidrografía Naval (SIHN), Avda. Montes de Oca 2124 (C1270ABV) Buenos	54-11-4-301-9809	54-11-4-301-3883	<a href="mailto:fmayer@speedy.com.ar">fmayer@speedy.com.ar</a>	
4)						
<b>Physical Sciences</b>						
1)	Eng. Pedro Skvarca	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-816-6821	54-11-4-816-6821	<a href="mailto:glacio@dna.gov.ar">glacio@dna.gov.ar</a>	
2)						
3)						
4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
<b>Scientific Research Program</b>						
ACE						
1)	Dr. Sergio A. Marensi	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-816-6271	54-11-4-813-7807	<a href="mailto:smarensi@dna.gov.ar">smarensi@dna.gov.ar</a>	
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ICESTAR						
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SALE						
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4)						
<b>ACTION GROUPS</b>						
1)						
2)						
3)						
4)						
insert others as needed						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
<b>EXPERT GROUPS</b>						
1) Geospatial Information Geodesy (GIANT)	Mr. Andrés Zakrajsek	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-812-6313	54-11-4-812-2086	<a href="mailto:afz@dna.gov.ar">afz@dna.gov.ar</a>	
2) King George Island GIS Project (KGIS)	Dr. Rodolfo A. del Valle	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-815-4064	54-11-4-812-2086	<a href="mailto:delvalle@dna.gov.ar">delvalle@dna.gov.ar</a>	
3) Geospatial Information Geographic Information	Mr. Andrés Zakrajsek	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-812-6313	54-11-4-812-2086	<a href="mailto:afz@dna.gov.ar">afz@dna.gov.ar</a>	
4) Permafrost and Periglacial Environments (PPE)	Dr. Yevgueniy Yermolin	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-816-6821	54-11-4-816-6821	<a href="mailto:euermolin@dna.gov.ar">euermolin@dna.gov.ar</a> <a href="mailto:ivgen52@yahoo.com">ivgen52@yahoo.com</a>	
5) Antarctic Digital Magnetic Anomaly Project (ADMAP)	Dr. Martha E. Ghidella	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-812-6313	54-11-4-812-2086	<a href="mailto:mghidella@dna.gov.ar">mghidella@dna.gov.ar</a>	
6) Antarctic Neotectonics (ANTEC)	Dr. Martha E. Ghidella	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-812-6313	54-11-4-812-2086	<a href="mailto:mghidella@dna.gov.ar">mghidella@dna.gov.ar</a>	
7) Ice Sheet Mass Balance and Sea Level (ISMASS)	Eng. Pedro Skvarca	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-816-6821	54-11-4-816-6821	<a href="mailto:glacio@dna.gov.ar">glacio@dna.gov.ar</a>	
insert others as needed						
<b>JCADM</b>						
1)	Mrs. Celia E. Izquierdo (Delegate)	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-812-2086	54-11-4-812-2086	<a href="mailto:celeiz@dna.gov.ar">celeiz@dna.gov.ar</a>	
2)	Prof. Diego R. Gómez Izquierdo (Alternate Delegate)	Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-812-2086	54-11-4-812-2086	<a href="mailto:diegogi@dna.gov.ar">diegogi@dna.gov.ar</a>	
<b>NATIONAL ANTARCTIC DATA CENTRE</b>						
<b>Argentina Antarctic Data Center</b>		Instituto Antártico Argentino (I.A.A.), Cerrito 1248 (C1010AAZ) Buenos Aires	54-11-4-812-2086	54-11-4-812-2086	<a href="mailto:cda@dna.gov.ar">cda@dna.gov.ar</a>	
<b>SCAR DATABASE</b>						
insert name of database for which your country has responsibility						
<b>Argentina Antarctic Data Center</b>						

**A BRIEF SUMMARY OF SCIENTIFIC HIGHLIGHTS:**

**National Programs/Projects by Standing Scientific Group 2007-2008**

**Life Sciences**

<i>Subject</i>	<i>Investigation</i>	<i>Locality</i>	<i>Duration</i>	<i>Principal</i>	<i>Address</i>
Ecology and taxonomy of continental algae	Diversity and ecology of Antarctic continental environment algae	Esperanza and Decepción Bases	2004-07	Dr. Gabriela Mataloni	<a href="mailto:tell@biolo.bg.fcen.uba.ar">tell@biolo.bg.fcen.uba.ar</a>
Living Resources	Antarctic fisheries management	Antarctic Sea	2004-07	Dr. Enrique R. Marschoff	<a href="mailto:marschoff@dna.gov.ar">marschoff@dna.gov.ar</a> <a href="mailto:beti@ege.fcen.uba.ar">beti@ege.fcen.uba.ar</a>
Ichthyology	Ecology of Antarctic fishes and commercial fisherie impact	Jubany Base	2004-07	Dr. Esteban Barrera Oro	<a href="mailto:ebarreraoro@dna.gov.ar">ebarreraoro@dna.gov.ar</a>
Antarctic Cormoran	Reproductive and alimentary aspects of the Antarctic cormoran <i>Phalacrocorax bransfieldensis</i> : Identification of environmental change indicator parameters in Antarctic littoral systems	Nelson island, Laurie island, Antarctic peninsula	2002-2007	Dr. R. Casaux	<a href="mailto:rcasaux@dna.gov.ar">rcasaux@dna.gov.ar</a>
Zooplankton	Zooplankton of Potter cove and Guardia Nacional bay: its role in the carbon dynamics in Antarctic coastal environments.	25 de Mayo (King George) island	2002-2007	Dr. Graciela Esnal	<a href="mailto:biologia@dna.gov.ar">biologia@dna.gov.ar</a>
Mammals	Reproductive and feeding ecology in Antarctic pinnipeds	Jubany Base	2007-10	Lic. Alejandro Carlini	<a href="mailto:acarlini@dna.gov.ar">acarlini@dna.gov.ar</a>
Antarctic birds	Predator-Prey interaction models between Antarctic birds and fish-crustaceous in Antarctic peninsula and Scotia Arc	Laurie, Nelson and 25 de Mayo (King George) islands	2007-10	Dr. Néstor Coria	<a href="mailto:ncoria@dna.gov.ar">ncoria@dna.gov.ar</a>
Microbiological biodegradation	Development and optimization of bioremediation technologies for recovering soils exposed to hydrocarbon contamination in Antarctic regions	Jubany Base Marambio Base	2007-10	Dr. Walter Mac Cormack	<a href="mailto:wmac@huemul.fyb.uba.ar">wmac@huemul.fyb.uba.ar</a>
Ecology of benthonic communities	Antarctic benthonic communities: an interdisciplinary approach to analyse the possible impact of global warming	Potter cove	2007-10	Dr. Ricardo Sahade	<a href="mailto:rsahade@com.uncor.edu.ar">rsahade@com.uncor.edu.ar</a>

Microzooplankton	Marine microbial community and organic matter of Southern Patagonia ecosystem in water column and bottom sediments: their usefulness as environment indicators for water quality and productivity monitoring	Atlantic Sector of the Antarctic Ocean and South West Atlantic	2007-10	Dr. Viviana Alder	<a href="mailto:viviana_alder@yahoo.com">viviana_alder@yahoo.com</a>	
Microzooplankton	Ecological role and distributive patterns of planktonic microbial community of Southwestern Atlantic and Antarctic Ocean	Atlantic Sector of the Antarctic Ocean and South West Atlantic	2007-10	Dr. Viviana Alder	<a href="mailto:viviana_alder@yahoo.com">viviana_alder@yahoo.com</a>	
Animal physiology	Antioxidant status determination in Antarctic marine organisms. Impact of xenobiotics on key species of trophic chains	Jubany Base	2007-10	Dr. Martín Ansaldo	<a href="mailto:tincho@qb.fcen.uba.ar">tincho@qb.fcen.uba.ar</a>	
Living Resources	DRAKE BIOSEAS-IPY	Austral Ocean	2007-10	Dr. Enrique Marsch	<a href="mailto:marschoff@dna.gov.ar">marschoff@dna.gov.ar</a>	

#### Geosciences

<i>Subject</i>	<i>Investigation</i>	<i>Locality</i>	<i>Duration</i>	<i>Principal</i>	<i>Address</i>	
Permafrost and GlobalChange: Geomorphological glacial, post-glacial processes and Recent-late Cenozoic vulcanism.	Morphogenesis of the South extreme of South America, Scotia Arc and Antarctic peninsula.	North of James Ross Island and 25 de Mayo (King George) Island	2002-2007	Lic. J. A. Strelin	<a href="mailto:jstrelin@yahoo.com.ar">jstrelin@yahoo.com.ar</a>	
Geology of Shetland Islands	Geology and Paleogeography of Livingston and Half Moon islands	Shetland Islands	2004-07	Dr. Claudio Parica Dr. Graciela Remesal	<a href="mailto:cparica@yahoo.com">cparica@yahoo.com</a> <a href="mailto:remesal@gl.fcen.uba.ar">remesal@gl.fcen.uba.ar</a>	
Geology and Paleontology of James Ross basin	Aptian-santonian Biostratigraphy	North of James Ross island	2004-07	Lic. Francisco Medina	<a href="mailto:famedina@gl.fcen.uba.ar">famedina@gl.fcen.uba.ar</a>	
Geological Processes of Quaternary	Ross lakes	James Ross Island	2004-07	Lic. Juan M. Lirio	<a href="mailto:liriojm@dna.gov.ar">liriojm@dna.gov.ar</a>	
Paleontology of Vertebrates	Vertebrates of the Upper Cretaceous-Paleogene from James Ross basin, Antarctic Peninsula: evolution and biogeography	James Ross Island, Antarctic Peninsula	2004-07	Dr. Sergio Marensi Dr. Marcelo Reguero	<a href="mailto:smarensi@dna.gov.ar">smarensi@dna.gov.ar</a> <a href="mailto:mreguero@netverk.com.ar">mreguero@netverk.com.ar</a>	
Paleontology	Cretaceous-Paleogene of Southern Patagonia: major biostratigraphic events	Antarctic Peninsula and Patagonia	2007-10	Dr. Silvia Césari	<a href="mailto:scesari@mcn.gov.ar">scesari@mcn.gov.ar</a>	
Geology and Paleontology of James Ross basin	Antarctic peninsula-Patagonia: keys of a lost connexion	Marambio Island	2007-10	Dr. Silvio Casadio	<a href="mailto:silvio63ar@yahoo.com.ar">silvio63ar@yahoo.com.ar</a>	

Geology and Paleontology of James Ross basin	Biostratigraphy and sedimentology of the Santonian-Maastrichtien of James Ross basin, Antarctica. Paleobiological and paleoenvironmental events	James Ross Island	2007-10	Dr. Eduardo Olivero	<a href="mailto:eolivero@satlink.com">eolivero@satlink.com</a>	
Geophysics	Geophysical survey of the magmatic arc, northern of Antarctic peninsula and its tectonic development	Shetland Islands	2007-10	Dr. Francisco Vilas	<a href="mailto:vilas@gl.fcen.uba.ar">vilas@gl.fcen.uba.ar</a>	
Vulcanism of recent-late Cenozoic	Study and survey of active volcanos: Decepción island	Deception Island (South Shetland Island)	2007-10	Dr. Alberto T. Caselli	<a href="mailto:acaselli@gl.fcen.uba.ar">acaselli@gl.fcen.uba.ar</a>	
Stratigraphic Micropaleontology	Paleobiogeographical survey of microbiotas of Upper Cretaceous and Cenozoic in Antarctic peninsula and adjacent regions. Modification on their distribution due to climatic changes	Vega and James Ross Islands	2007-10	Dra. Andrea Graciela Concheyro	<a href="mailto:andrea@gl.fcen.uba.ar">andrea@gl.fcen.uba.ar</a>	

### Physical Sciences

<i>Subject</i>	<i>Investigation</i>	<i>Locality</i>	<i>Duration</i>	<i>Principal</i>	<i>Address</i>	
Climate	Glacioclimate change detection, permafrost and hydrology in Antarctic Peninsula	AP and SPI	2004-07	Dr. Yevgueniy Yermolin, Eng. Pedro Skvarca	<a href="mailto:eyermolin@dna.gov.ar">eyermolin@dna.gov.ar</a> <a href="mailto:ivgen52@yahoo.com">ivgen52@yahoo.com</a> <a href="mailto:glacio@dna.gov.ar">glacio@dna.gov.ar</a>	
Global Change	Permafrost y cambios climáticos en Antártida	Antarctic peninsula	2007-10	Dr. Yevgueniy Yermolin	<a href="mailto:eyermolin@dna.gov.ar">eyermolin@dna.gov.ar</a>	
UV Radiation	UV- Bentos	Jubany Base	2004-07	Dr. María Liliana Quartino	<a href="mailto:lquartino@dna.gov.ar">lquartino@dna.gov.ar</a> <a href="mailto:cwiencke@awi-">cwiencke@awi-</a> <a href="mailto:ischloss@dna.gov.ar">ischloss@dna.gov.ar</a>	
Sea Science	Impact of glacial melting on plankton, northern Antarctic peninsula	Jubany Base	2007-10	Dr. Irene Schloss	<a href="mailto:ischloss@dna.gov.ar">ischloss@dna.gov.ar</a>	
Solar radiation	Global, spectral, and biologic action solar radiations in Argentina and Antarctica	Antarctic peninsula	2007-10	Dr. Ruben Piacentini	<a href="mailto:ruben@ifir.edu.ar">ruben@ifir.edu.ar</a>	
Sea Science	RUGBY-IPY	Antarctic peninsula	2007-10	Dr. Gustavo	<a href="mailto:gferreyra@dna.gov.ar">gferreyra@dna.gov.ar</a>	

### Institutional activities

<i>Subject</i>	<i>Investigation</i>	<i>Locality</i>	<i>Duration</i>	<i>Principal</i>	<i>Address</i>	
Sea Sciences	Echos Jubany Winter	Jubany Base	2007	Dr. Gustavo	<a href="mailto:gferreyra@dna.gov.ar">gferreyra@dna.gov.ar</a>	
Life Sciences	Conservation and Monitoring of the Ecosystem - CCAMLR	Antarctic Sea	2007	Dr. Néstor Coria Dr. Alejandro Carlini	<a href="mailto:ncoria@dna.gov.ar">ncoria@dna.gov.ar</a> <a href="mailto:acarlini@dna.gov.ar">acarlini@dna.gov.ar</a>	
Geosciences	Topographic, geologic and geophysical surveys (Spain)	Esperanza Base	2007	Dr. Rodolfo del Valle	<a href="mailto:delvalle@dna.gov.ar">delvalle@dna.gov.ar</a>	