

MEMBER COUNTRY: URUGUAY
National Report to SCAR For year: 2016-2017

Activity	Contact Name	Address	Telephone	Fax	Email	web site
National SCAR Committee						
SCAR Delegates						
1) Delegate	Dr. Alvaro Soutullo	8 de Octubre 2958, Montevideo Uruguay, Zip code 11600	(+598)24878341		cientifica.director@iau.gub.uy	www.iau.gub.uy
2) Alternate Delegate	Ing. Alejandro Nario	8 de Octubre 2958, Montevideo Uruguay, Zip code 11600	(+598)24878341		alejandro.nario@mvtma.gub.uy	www.iau.gub.uy
Standing Scientific Groups						
Life Sciences						
1)	Dra. Silvia Batista	Instituto de Investigaciones Biológicas Clemente Estable, Av. Italia 3318 CP 11600, Montevideo, Uruguay	(+598) 24871616		sbatista@iibce.edu.uy	
2)						
3)						
4)						
Geosciences						
1)						
2)						
3)						
4)						
Physical Sciences						
1)						
2)						
3)						
4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
Scientific Research Program						
AAA 1) 2) 3) 4)						
AntEco 1) 2) 3) 4)						
Ant-ERA 1) 2) 3) 4)						
AntClim21 1) 2) 3) 4)						
PAIS 1) 2) 3) 4)						
SERCE 1) 2) 3) 4)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
Standing Committees						
SCADM 1) 2)						
SCAGI 1) 2)						
Other Groups (optional)						
SOOS						

Scientific projects for 2016-2017

Life Sciences			
Project Title	Institution	Principal Investigator	e-mail
Bioprospecting of cellulolytic yeasts - potential use in the production of bioethanol	Facultad de Ciencias, UdelaR	Dra. Susana Castro Sowinski	s.castro.sow@gmail.com
Establishment of microbial assemblages in polar regions subject to significant effects of climate change, their participation in the biogeochemical cycling of carbon, nitrogen and phosphorus	Instituto de investigaciones Biológicas Clemente Estable.	Dra. Silvia Batista	sbatista@iibce.edu.uy
Evaluation of plant growth promoting rhizospheric bacteria isolated from native Antarctic plants	Instituto de investigaciones Biológicas Clemente Estable.	Dra. Natalia Bajsa	natibajsa@gmail.com
Red algae as a source of pigments in DSSC type photovoltaic cells	Facultad de Ciencias, UdelaR	Dra. Fernanda Cerdá	fcerda@fcien.edu.uy
Antarctic filamentous fungi: source of antimicrobials	Facultad de Química, UdelaR	Dra. Silvana Alborés	silvanaalbores@gmail.com
Bioprospecting of microbial enzymes active at low temperatures with industrial application	Facultad de Química, UdelaR	Dra. Gabriela Garmendia	garmendia@fq.edu.uy
Global Human Impact on the Marine Ecosystem near the Artigas Antarctic Scientific Base, King George Island, Antarctica	Facultad de Ciencias, UdelaR	Dra. Natalia Venturini	rulo@fcien.edu.uy
Metabolism of metals in Antarctic endolytic bacteria	Instituto de investigaciones Biológicas Clemente Estable.	Dra. Elena Fabiano	elena.fabiano@gmail.com
Identification and characterization of Antarctic bacteria capable of oxidizing manganese	Instituto de investigaciones Biológicas Clemente Estable.	Dra. Vanesa Amarelle	amarelle.iibce@gmail.com
Characterization of the community of amphipods (Crustacea: Gammaridea) of the Antarctic intertidal	Facultad de Ciencias, UdelaR	Dra. Ana Verdi	averdi@fcien.edu.uy
Parochlus steinenii (Diptera: Chironomidae) as a bioindicator model of water quality in Antarctic freshwater ecosystems	Facultad de Ciencias, UdelaR	Dr. Enrique Morelli	emorelli@fcien.edu.uy

Geosciences			
Spatial and temporal variability of glacial deposits on the western margin of Bellingshausen Dome, King George Island, South Shetland	Facultad de Ciencias, UdelaR	Lic. Raúl Ugalde	raugaldep@gmail.com
SCAR-GIANT (Geodetic Infrastructure in Antarctica) and SCAR-KGIS (Geographic Information System on King George Island)	Servicio Geográfico Militar	Tte. Cnel. Norbertino Suárez	norbertinosuarez@gmail.com
Paleontological investigations in the Antarctic: fossiliferous record of areas bordering BCAA and ECARE	Facultad de Ciencias, UdelaR	Dr. Daniel Perea	perea@fcien.edu.uy
Characterization of Antarctic soil by gamma spectrometry and enzymatic activity	Facultad de Ciencias, UdelaR	Mag. Marcos Tassano	mtassano@cin.edu.uy
Genesis and evaluation of lacustrine environments during the Quaternary in the Antarctic Peninsula.	Facultad de Ciencias, UdelaR	Dra. Gabriela Eguren	eguren67@gmail.com
Physical sciences			
Continuous measurement and modeling of solar irradiance at Artigas Base, Antarctica	Facultad de Ingeniería, UdelaR	Dr. Gonzalo Abal	abal@fing.edu.uy
Atmospheric monitoring of trace gases	Facultad de Ingeniería, UdelaR	Dra. Erna Frins	efrins@fing.edu.uy