

MEMBER COUNTRY: MONACO
National Report to SCAR for year: 2011-2012

Activity	Contact Name	Address	Telephone	Fax	Email	web site
National SCAR Committee						
CSM	Florence Descroix Comanducci	Centre Scientifique de Monaco, 72 Bd d'Italie, MC98000 Monaco	377 97 97 88 57	377 98 98 86 74	fcdescroix@centrescientifique.mc	www.centrescientifique.mc
SCAR Delegates						
1) Delegate	SEM Patrick Van Klaveren	DPOI, Annexe du Ministère d'Etat - Place de la Visitation B.P. 522 - MC 98015 Monaco cedex	377 98 98 81 48	377 93 50 95 91	pvanklaveren@gouv.mc	
2) Alternate Delegate	Florence Descroix Comanducci	Centre Scientifique de Monaco, 72 Bd d'Italie, MC98000 Monaco	377 97 97 88 57	377 98 98 86 74	fcdescroix@centrescientifique.mc	
Standing Scientific Groups						
Life Sciences						
1) Member	Denis Allemand	Centre Scientifique de Monaco, Av Saint Martin, MC98000 Monaco	377 92 16 79 83	377 98 98 86 74	allemand@centrescientifique.mc	
2) Member	Céline Le Bohec	EAL-647 BioSensib, CSM, 72 Bd d'Italie, MC98000 Monaco	377 97 97 88 64	377 98 98 86 74	clebohec@centrescientifique.mc	
3) Member	Cindy Cornet	EAL-647 BioSensib, CSM, 72 Bd d'Italie, MC98000 Monaco	377 97 97 88 65	377 98 98 86 74	cindy@centrescientifique.mc	
Geosciences						
1)						
2)						
Physical Sciences						
1)						
2)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
Scientific Research Program						
1) ACE						
1) AGCS						
1) EBA						
1) ICESTAR 2)						
1) SALE 1) AAA (2010-)						

Activity	Contact Name	Address	Telephone	Fax	Email	web site
ACTION GROUPS						
1) 2) 3) 4) insert others as needed						
EXPERT GROUPS						
1) BioSensib (seabirds)	Céline Le Bohec	EAL-647 BioSensib, CSM, 72 Bd d'Italie, MC98000 Monaco	377 97 97 88 64	377 98 98 86 74	clebohec@centrescientifique.mc	
	Cindy Cornet	EAL-647 BioSensib, CSM, 72 Bd d'Italie, MC98000 Monaco	377 97 97 88 65	377 98 98 86 74	cindy@centrescientifique.mc	
SCADM						
1) 2)						
SCAGI						
1) 2)						
NATIONAL ANTARCTIC DATA CENTRE						
SCAR DATABASE						
insert name of database for which your country has responsibility						

A BRIEF SUMMARY OF SCIENTIFIC HIGHLIGHTS*:

A research program on **Adaptive strategies and population dynamics of polar seabirds under environmental constraints** is undertaken as part of the IPEV Program N° 137 and the PICASO ANR-project (Penguins as Indicators of Climate Anomalies in the Southern Ocean). This program aims at exploring the effects of environmental modifications on population dynamics of these sentinels of Southern Ocean ecosystems: the King penguin *Aptenodytes patagonicus* (Crozet and Kerguelen Archipelagos), the Adélie penguin *Pygoscelis adeliae* and the Emperor penguin *Aptenodytes forsteri* (Adélie Land) using innovative technologies (Automatic or Mobile Identification Systems based on Radio Frequency Identification – RFID, microloggers, etc.). According to the individual and population responses, the EAL-647 'BioSensib' aims to project population dynamics and adaptive capacity of these penguin species at regional and global scales under future environmental change scenarios. Two overwintering field assistants are continuously working in the Crozet Archipelago (king penguin colony) and Adélie Land (Adélie and emperor penguins) since October 2011. Moreover, a new long-term monitoring of a king penguin colony in Kerguelen has been settled during the last summer campaign (2011/2012) undertaken in collaboration with another IPEV Program N° 354.

* Please include any scientific activities you believe might be considered bioprospecting (<http://www.scar.org/treaty/atcmxxxiii/> see WP2)

