

Note for SCOR Meeting, London, Dec 7-9, 2006
Input from SCAR

Data Management Discussion

1. Please present the status of your project in terms of management of data and/or metadata. Three projects--GEOTRACES, IMBER, and SOLAS--have been asked to make oral presentations about the status of their data management activities, but it would also be helpful to have written statements from other projects.

SCAR's data are posted on the Antarctic Master Directory (AMD) by the network of National Antarctic data Centers (NADCs) managed collectively by JCADM (Joint Committee on Antarctic Data Management). Information about JCADM is available at <http://www.scar.org/researchgroups/> SCAR is also posting data on the SCAR/SCOR oceanography web site at: http://www.clivar.org/organization/southern/SCAR_SCOR/index.htm

2. Has your project done anything to encourage visualization of project data?

No

3. Is your project keeping track of project cruises and collecting any information about the cruises?

Yes (see 1, above)

4. Has your project discussed data archiving with a World Data Center yet and/or involved in WDC staff in your data management discussions?

Yes.

GOOS Discussion

1. Does your project have ongoing interactions with GOOS?

We are developing a Southern Ocean Observing System plan, which will be a direct contribution to GOOS.

2. Have you had any GOOS scientists or staff attend a project SSC meeting, or have any project SSC members or IPO staff participated in a GOOS meeting?

Julie Hall of the Coastal GOOS committee and Peter Dexter, Co-president of JCOMM (a GOOS Implementation group) attended the SOOS meeting in Hobart on July 15, along with Angus McEwan, past chair of the I-GOOS Committee.

3. Do you have a link to any element of GOOS on your project Web site?

Not yet

4. Has your SSC discussed what is, or will be, available from GOOS and other observing systems?

Yes

5. Has your SSC identified any specific GOOS observations to which your scientists would like access?

We are planning to do that.

6. What research observation systems would your project like to see become operational?

Time-Series Stations

1. Will implementation of your project require observations from time-series stations? If so, in what locations?

Yes – several in Southern ocean – yet to be determined

2. How will such stations be supported?

Don't know yet

3. Has your project identified time-series sites (either existing or new) that are a priority for achieving project goals?

Not yet- workshop proposed in Oct 2007

Southern Ocean Research and Observations

1. What activities has your project undertaken or planned for the Southern Ocean? Have you coordinated your Southern Ocean research with other projects?

Yes – WCRP, CLIVAR, CLIC, ICED, GLOBEC, IANZONE

http://www.clivar.org/organization/southern/SCAR_SCOR/index.htm

Do you have any special plans for the 3rd International Polar Year in 2007-2009 or later?

Yes – several ocean projects are SCAR programmes – which ones?

|

SCAR involvement in IPY marine programmes

Area	No.	Short Title	PI	Body
SO	8	Synoptic Slope Study (SASSI)	K.Heywood	AGCS
	34	Climate and Coastal Communities	D.Abele	EBA
	53	Census of Antarctic Marine Life (CAML)	M.Stoddart	EBA
	66	Antarctic Benthic Deep Sea (ANDEEP)	A.Brandt	EBA, CAML
	70	Upper Ocean: Africa to Antarctica	A.Luis	CASO, AGCS
	83	Marine Biodiversity Information Network (MarBIN)	C. De Broyer	EBA, CAML
	93	ICEFISH	C. Verde	EBA, CAML
	131	Antarctic Marine Ecosystems (AMES)	V.Siegel	EBA, CAML, CCAMLR
	132	Climate-Southern Ocean (CASO)	S.Rintoul	AGCS
	137	Evolution and Biodiversity in the Antarctic (EBA)	G.Di Prisco	EBA, CAML, AMES
	141	Antarctic Sea Ice	S. Ackley	AGCS
	304	Drake Passage Seasonality	V.Alder	CAML, EBA
	329	Polar Ecosystems and Contaminants	W.Pollard	EBA
Bipolar	13	Sea level and Tidal Science	P.Woodworth	AGCS
	23	Atlantic Thermohaline Circulation	T. Gammelsrod	AGCS
	35	Tracer Chemistry (GEOTRACES)	H. de Baar	ICED
	52	Passive Acoustic Observations	J. Hildebrand	EBA, CAML
	71	Aquatic microbiology	G. Bratbak	EBA
	92	Integrated Climate and Ecosystems (ICED)	E. Murphy	EBA, CAML
	153	Marine Mammal Exploration	K Kovacs	CAML, EBA

2. What is the status of planning and funding for your project's Southern Ocean cruises, observations, and experiments?

CAML cruises are making progress; hope to have at least 10 nationally funded; organisational support from Sloan Foundation.

Education and Capacity Building

1. What activities, plans, and ideas does your project have in relation to education and capacity building?

SCAR has a comprehensive capacity building education and training plan. Available from <http://www.scar.org/about/capacitybuilding/>

2. How are you funding your education and capacity-building activities?

\$30k/yr for fellowships, sourced from regular SCAR contributions.

Satellite Availability and Needs

1. Is your project using satellite data or does it plan to do so?

Yes

2. Which satellite observations are most crucial for your project to meet its goals?

Altimetry, colour, SAR