

 	SCAR Standing Committee	SCADM
	Paper 15	Agenda item 8
	Person Responsible:	Anton Van de Putte
SCAR Executive Committee Meeting 2019		
Plovdiv, Bulgaria, 29-31 July 2019		

Standing Committee on Antarctic Data Management 2018-19 Report

Report Authors

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Summary

The Antarctic Master Directory (AMD) continues to be hosted by NASA's GCMD (Global Change Master Directory) and was migrated to the NASA CMR structure. The AMD remains one of the largest portals in the GCMD with significant use of the portal, especially from Asian countries (India, Korea, but also Italy).

Several NADC representatives expressed issues regarding the current AMD. Two surveys will be launched: one for NADC's and how they use the AMD; and a second that will be SCAR-wide to better understand how researchers search for data.

In 2018, a considerable amount of effort was put into Polder, a joint committee of SCADM and ADC (the Arctic Data Committee), to investigate the possibilities of a federated search tool. The SCADM group compiled a list of requirements and functionalities that a federated search tool would have to meet and additional ones that would be nice to have.

Due to current issues with the AMD and the potential development of new tools to search for Antarctic data, SCADM recommends to NADCs that their metadata information should be provided in one or more of the following formats: ISO, DIF, and schema.org.

SCADM aims to increase its representation in SCAR Science groups and SRP's.

Standing Committee updates since 2018 Delegates Meeting

Please list any information that has changed since the SCAR 2018 Delegates meeting, following the headings below.

What has been achieved?

Date	Activity
Polar 2018	MoU with Arctic Data Committee (ADC)
1 April 2019	Data Management workshop in the Social Sciences and Humanities
2018-2019	POLDER: Polar Data Discovery Enhancement Research joint Project between SCADM, SOOS and ADC
28 - 30 November 2018	Polar Data and Systems Architecture Workshop, Geneva

What lies ahead?

Date	Activity
18-22 November 2019	Polar Data Forum 3 2019 Helsinki https://polar-data-forum.org
2019	Outreach to SCAR action groups and SRPs?
August 2020	Data lounge and workshop at SCAR 2020
2019	Further development of Federated search

Budget

Changes to planned use of funds for 2019 and 2020

Year (YYYY)	Purpose/Activity	Amount (in USD)	Contact Name	Contact Email
2019	Planned for catering and rooms (provided in kind by RBINS) reallocated to travel support	\$1,500	Anton Van de Putte	
Total		\$1,500		

Membership

Changes to SC Leadership since 2018 Delegates Meeting report

*Please identify early-career researchers with * in first column*

Role	First Name	Last Name	Affiliation	Country	Email	Date Started
Chief Officer	Johnathan	Kool	AADC	Australia	Johnathan.Kool@aad.gov.au	2019
Deputy Office	Helen	Peat	BAS	UK	hjpe@bas.ac.uk	2019
Deputy Officer	Frank	Nitsche	Columbia University	USA	fnitsche@ldeo.columbia.edu	2017
Science groups contacts						
Humanities and Social Sciences	Ria	Olliver	SUN	RSA	riaolivier@sun.ac.za	
Life Sciences	Anton	Van de Putte	RBINS	B	avandeputte@naturalsciences.be	
Geosciences	Frank	Nitsche	Columbia University	USA	fnitsche@ldeo.columbia.edu	
Physical Sciences						

SCAR Fellowship Reviewers

Please list any people (name and email address) volunteered by the committee who would be willing to serve as reviewers for the next few years, along with 1-3 keywords on their principal expertise.)

First Name	Last Name	E-mail	Principal Expertise
Anton	Van de Putte	antonarctica@gmail.com	Biodiversity data management

Additional information (optional)

Outreach, communication and capacity-building activities

Brief highlights (no more than 200 words) of any activities undertaken since the SCAR Delegates Meeting in 2018.

DATA Management workshop in the Social Sciences and Humanities

Ria Olivier - South Africa representative at SCADM

(Antarctic Legacy of South Africa, Principal Investigator)

1 April 2019 Ushuaia, Argentina

Attendees were from all over the world, Italy, New Zealand, Australia, UK, USA, Chile, Argentina, and South Africa and within different disciplines within the Social Sciences and humanities.

During the workshop there was a discussion on creating a platform for the humanities in Social Sciences and humanities to inform other researchers and scientists of where there are artefacts available and documents of interest. This will in the end be more a tool for these researchers to make their findings that already exist in institutions such as libraries, archives and museums more accessible.

Notable Papers

Observations and models to support the first Marine Ecosystem Assessment for the Southern Ocean (MEASO) (2019) M.J. Brasier, A. Constable, J. Melbourne-Thomas, R. Trebilco, H. Griffiths, A. Van de Putte, M. Sumner *Journal of Marine Systems* ,197, 103182

Major Products

Major Impacts

SCADM was strongly involved in the POLDER group. In 2018 a total of 3 workshop were organised. The outcomes of this group will have a strong impact on the future direction of the AMD and FAIR-ness of Antarctica data.

Direct support from outside organisations received for your activities

(Numbered list with values indicated if direct cash support. Please restrict in-kind support to substantive in-kind support only)

1. NASA provides ongoing In-Kind support for hosting the Antarctic Master directory
2. POLDER workshop sponsored by NSF through Arctic Data Center

Major collaborations your Committee has with other SCAR groups and with organisations/groups beyond SCAR

(Numbered list of substantive collaborations)

Within SCAR

1. SOOS
2. IBCSO (International Chart of the Southern Ocean)
3. SDLS (Antarctic Seismic Data Library System)
4. Life Sciences (EG-ABI, EG-BAMM)

Outside SCAR

1. Arctic Data Committee (ADC)
2. Polar Plastics

Updates for your group's SCAR web page

If you do not update your SCAR web page yourself, please provide us with any additional information or changes that you would like us to make to it.

SCADM would like to do a number of updates and do these more frequently, For this purpose we've asked permission to edit the SCADM pages ourselves.

Other information for publicity purposes

Please add here details of, or links to any other information we may use for publicity purposes, such as photos, infographics, quotes and layperson's summaries of your research.