



SCAR Sub-Group

SG

IBCSO

GS

Person Responsible: Boris Dorschel
Laura Hehemann
Jan Erik Arndt

SCAR Delegates Report 2020

IBCSO 2018-2020 Report

Summary

Report Author(s)

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Summary of activities from 2018-20

Since February 2018, IBCSO is part of the Nippon Foundation – GEBCO Seabed 2030 Project. In the scope of this project, work on IBCSO v2.0 was intensified. Different to IBCSO v1, IBCSO v2.0 covers the area south of 50°S, thus more than doubling the area of seafloor covered. Over the course of the past two years, data handling and workflows have been developed and optimised to cope with increase data volumes. Furthermore, additional bathymetric datasets have been integrated continuously in the IBCSO database. In February to April 2019 large areas in the Powell Basin were mapped during expedition PS118 with RV Polarstern. These data will be included in IBCSO v2.0. Throughout the past 2 years IBCSO was presented at international conferences, meetings and workshops.

The publication of IBCSO v2.0 is anticipated for late 2020/early 2021.

Summary Budget 2019 to 2022

	2019	2020	2021	2022
	Spent	Allocated	Request	Request
(US\$)	860	2500	2500	2500

Progress to date

Sub-group Outcomes Summary

(Summarize the above and in each case provide your sub-group name in left hand column to assist Science Group COs in compiling their reports)

Sub-group	Activity/Outcome/Benefit/Achievement
IBCSO	IBCSO coordination/IBCSO v2.0/ IBCSO v2.0 advance
IBCSO	Identification of data sets and data gaps/improved data collection/up-to-date data coverages available
IBCSO	Optimising of workflows/improved product generation/optimisation is finalised

Sub-group Cash Flow

(From previous Delegates meeting to date)

Sub-group	Allocation	Amount spent		
		2018	2019	2020
IBCSO	5000		860	0

Future plans

Planned activities in 2020 to 2022

Sub-group	Planned activity
IBCSO	IBCSO coordination
IBCSO	Identification of data sets and data gaps
IBCSO	Publication of IBCSO v2.0
IBCSO	Promotion of IBCSO v2.0

Planned use of funds for 2020 to 2022

Year (YYYY)	Purpose/Activity	Amount (in USD)	Contact Name	Contact Email
2020-2022	Coordination, publication and promotion of IBCSO v2.0	5000	Boris Dorschel	boris.dorschel@awi.de
Total		5000		

Any additional detail on funds usage and desired results/outcomes

Percentage of the budget to be used for support of early-career researchers

2020:
2021:
2022:

Percentage of the budget to be used for support of scientists from countries with developing Antarctic programmes

2020:
2021:
2022:

Membership

Leadership

Role	First Name	Last Name	Affiliation	Country	Email	Date Started	Date Term is to End
	Boris	Dorschel	AWI	Germany	Boris.Dorschel@awi.de	07-13	-
	Laura	Hehemann	AWI	Germany	Laura.Hehemann@awi.de		

Please identify early-career researchers with * in first column

Other members

First Name	Last Name	Affiliation	Country	Email
Martin	Jakobsson	University of Stockholm	Sweden	martin.jakobsson@geo.su.se
Frank O.	Nitsche	LDEO	USA	fnitsche@ldeo.columbia.edu
Robert D.	Larter	BAS	UK	rdla@bas.ac.uk
Michele	Rebesco	OGS	Italy	mrebesco@ogs.trieste.it
Fernando	Bohoyo	IGME	Spain	f.bohoyo@igme.es
Jongkuk	Hong	KOPRI	Korea	jkhong@kopri.re.kr
Jenny	Black	GNS	New Zealand	J.Black@gns.cri.nz
Jodie	Smith	GA	Australia	Jodie.Smith@ga.gov.au
Yoshifumi	Nogi	NIPR	Japan	nogi@nipr.ac.jp

Please identify early-career researchers with * in first column

Additional information (optional)

SCAR fellowship reviewers

As part of SCAR's Capacity Building efforts, such as the Fellowships and Visiting Scholar Awards, we are looking for people from all the SCAR groups to form a 'review panel' so if applications in your field are submitted we have people to contact to help assess relevant applications. Please list one or more people (name and email address) from your group 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	Email	Principal Expertise
Boris	Dorschel	Boris.Dorschel@awi.de	Geology Habitat mapping