

1.1. IHO-IOC GEBCO Guiding Committee (GGC) Work Plan 2021-2022

1.1 GGC Tasks

- A Organise and conduct GGC XXXVIII meeting in 2022 (IHO Task 3.6.1)
- B Ensure conduct of TSCOM, SCRUM, SCOPE and SCUFN meetings in 2021 (IHO Tasks 3.6.1)
- C Ensure effective operation of IHO DCDB (IHO Task 3.6.2)
- D Encourage the contribution of bathymetric data to the IHO DCDB (IHO Task 3.6.3), identify priority areas for regional mapping (IHO Task 3.6.3) and promote data contribution through GEBCO participation in IHO/IOC Regional meetings (IHO Task 3.6.3)
- E Maintain IHO bathymetric publications (IHO Task 3.6.6) including: B-4, B-6, B-8, B-9, B-10 and B-411
- F Develop the on-line function of B-4 (Information concerning recent bathymetric data) (IHO Task 3.6.6)
- G Contribute to outreach and education about ocean mapping (IHO Task 3.6.7) by development of outreach and educational materials (IHO Task 3.6.7) and printing of IHO-IOC GEBCO World Map (IHO Task 3.6.7)
- H Ensuring IHO-IOC GEBCO Web site is kept current and updated regularly (IHO Task 3.6.8)
- I Develop short course and course material on compiling digital bathymetric models (DBMs) to be included in GEBCO from a heterogeneous bathymetric source database (IHO Task 3.6.9)
- J Update and enhance the GEBCO Gazetteer (B-8) for internet access (IHO Task 3.6.10) including providing the GEBCO Gazetteer as a web service via a geospatially enabled database (IHO Task 3.6.10), develop and make available public and management on-line interfaces to the Gazetteer (IHO Task 3.6.10) and develop the integration of undersea feature concepts in the S-100 framework
- K Liaise with and provide support to Seabed2030 project (IHO Task 3.6.5)
- L Provide support and advice to developing and validating emerging technologies for compiling and disseminating bathymetry

Task	Work item	Priority H-high M-medium L-low	Milestones	Start Date	End Date	Status P-planned O-ongoing C-completed	Contact Person(s) * indicates leader	Related Pubs/Standard	Funding Bid (€)	Approved Funding (€)
A	Organise and conduct GGC XXXVII meeting	H		2021	2022	P	Chair GGC Sec		0	0
B1	Ensure conduct of TSCOM, SCRUM, SCOPE and SCUFN meetings	H		2021	2021	P	Chair GGC, Chair, TSCOM, Chair SCRUM, Chair SCOPE and Chair SCUFN		0	0

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B2	Oversee work of subordinate bodies – TSCOM, SCRUM, SCUFN and Outreach WG – for completion of directed tasks	H		Continuous	Continuous	O	Chair GGC		0	0
C	Ensure effective operation of IHO DCDB	H		Continuous		O	Director DCDB		0	0
D1	Encourage the contribution of bathymetric data to the IHO DCDB	H		Continuous		O	All members of GEBCO GC through the Chair		0	0
	Document data flow processes	H	B-11 instructional chapter	Continuous		O	Chair TSCOM, Director DCDB, Director Seabed 2030			
D2	Identify priority areas for regional mapping and support the organization of regional mapping projects.	H		Continuous		O	Chair SCRUM		0	0
	Conduct DCDB Industry Day and Data Contribution Workshop	H	Conduct Workshop	2020	2021	P	Chair TSCOM, Director DCDB		15,000	x
D3	Promote data contribution through GEBCO participation in RHCs and IOC regional meetings	H	Identify GEBCO people who are able to attend for meetings in 2021 – 2022	Continuous		O	All members of GEBCO GC through the Chair		10,000	x

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D4	Organize regional mapping meetings/workshops	H		Continuous		O	Chair SCRUM		0	0
	Promote data contribution by supporting participation at Regional Mapping Meetings	H	Provide partial support, as necessary, for individuals to participate in regional mapping meetings	Continuous		P	Chair SCRUM		0	0
D5	Develop material to highlight activities and initiatives including up to date GEBCO slide deck	H		Continuous		P	Chair SCRUM in coordination with Chair SCOPE and with input from Seabed 2030		6,000	x

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E1	Maintain IHO bathymetric publications	M	Update GEBCO global 30 arc-second grid with new compilations	Continuous	Continuous	O	All members of GEBCO GC through the Chair	B-4 - Information concerning recent bathymetric data	0	0
		M		2016	2017 2021	O	Chair SCRUM	B-9 - GEBCO digital atlas	0	0
		M	Update GEBCO World Map to included updated versions of GEBCO grid and adopted undersea feature names from SCUFN.	2017	2018 2021	O	Chairs SCRUM/SCUFN	B-6 – Standardization of undersea feature names	0	0
		L						B-8 - Gazetteer	0	0
								B-9 - GEBCO digital atlas	0	0
		M		B-10 - The history of GEBCO B-11 - GEBCO Cookbook						0
H	Update B-10	2021	2023				P			B-10 – History of GEBCO

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E2	Add and update instructive chapters in IHO-IOC GEBCO Cook Book	H	Maintain B-11 2019 B-11 update Add section related to Seabed 2030 Investigate e-Publication format for B-11 Seek instructive chapters on contributing data, metadata requirements, platforms for viewing gaps and coverage, CSB, etc.	Continuous 2018 2019 2019 2019	 2021 2021 2021 2021	O C O P O	Chair TSCOM Chair, Cookbook Working Group	B-11 GEBCO Cookbook	 5,000	 x
F	Develop and review the on-line function of B-4	M	Conduct review	2015	On going		Director DCDB		0	0
G1	Contribute to outreach and education about ocean mapping	H		Continuous		O	Chairs TSCOM, SCRUM and SCOPE		1,000	x
	Organize and run GEBCO 'Map the Gaps' symposium	H		2021	2021	O	Symposium conveners		6,000	x

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G2	Development of outreach and educational materials (jigsaw puzzle for World Map and presentation files)	H		2015	2022	P	All members of GEBCO GC through the Chair SCOPE		0	x
G3		H	PPT material with updated content and PR activities	2019	2025	O	Chair SCOPE			
			Development of story board	2019	2025	O	David Millar, Karen Marks, Eunmi Chang, Hyo Hyun Sung, Jennifer Jencks		0	x
			Promotional activities such as participation in conferences and fora	2020	2025	P	SCOPE members		0	x
G4	Development of webpage (for secondary school student etc.)	M		2015	2018 2021	O	All members of GEBCO GC through the Chair SCOPE		5,000	x
G5	Developing a communication strategy and resources in GEBCO outreach (ex-Poster or video for each target)	H	Draft strategy plan	2018	2021	O	All members of GEBCO GC through the Chair SCOPE	See OWG WP 2019-2020	2,000	x
H1	Ensuring IHO-IOC GEBCO and Seabed 2030 Web sites are kept current and updated regularly	M	Complete individual tasks	Continuous		O	BODC, Chairs TSCOM/SCRUM/SCOPE		5,000	5,000

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H3	Review and Update IHO-IOC GEBCO and Seabed 20230 Websites	M	Update website with meeting documents Validate members and contact information for SCRUM, TSCOM, and SCOPE Review and maintain all working links Provide technical and content review of both websites	2019 2019 2019 2019	2021 2021 2021 2021	P P P P	BODC Chairs TSCOM, SCRUM, SCOPE Chair TSCOM, BODC Chairs TSCOM, SCRUM, SCOPE		10,000	x
I	Develop short course and supporting material on compiling digital bathymetric models	H		2019	2021	P	All members of GEBCO GC through the Chair SCOPE		0	0
J1	Update and enhance the GEBCO Gazetteer (B-8) for internet access	H		Annual	Annual	O	Chair SCUFN	B-8 – Gazetteer	15,000 /year	Funded out of IHO Operational funds

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J2	Maintain the GEBCO Gazetteer as a web service via a geospatially enabled database	H		2016	Permanent	O	Chair SCUFN Director DCDB	B-8 – Gazetteer	(See Doc. SCUFN32-07.1B). Funding for correcting and basic maintenance agreed by US. Need to keep it maintained.	
J3	Develop and make available public and management on-line interfaces to the Gazetteer	M		2014	2018/2022	O	Chair SCUFN KHOA	B-8 - Gazetteer Management Plan	0	0
J4	Develop a S-100-based product specification for Undersea Feature Names	M / L		2015	2021	O	Chair Project Team (Anna Hendi)	S-100, B-6 Harmonized definitions of generic terms across B-6, S-32, IHO GI Registry	0	0
J5	Upgrade the quality of the geometry of major existing undersea features in the Gazetteer which are known as being inaccurate and ambiguous	M	10 features/ SCUFN member per year	2017	Permanent	P	SCUFN Members	B-8 Gazetteer	0	0
K1	Support Seabed2030	H	Provide scientific expertise, regional connections and outreach	2018	2030	PO	Chairs TSCOM, SCRUM, SCOPE, SCUFN	See TSCOM and SCRUM WPs 2019-2020	0	0

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K2	Travel to assist gathering technical needs from RDACCs and GDACC	H	Attend RMCs for RDACCs	2021	2022	O	Chair TSCOM		0	0
K3	Provide oversight and review of Seabed 2030 web services, methodologies and applications in accordance with TSCOM ToRs	H	Conduct regular reviews and participate in technical meetings	2019	2021	P	Chair TSCOM			
L1	Develop template for seafloor mapping route optimization application	H	Conduct requirements survey Prototype and document web app	2019	2021	P	Chair TSCOM		10,000	x

1.2 GGC Meetings (IHO Task 3.8.1.1 refers)

Date	Location	Activity
1-4 October 2012	IHB, Monaco	XXIX th Meeting
7-11 October 2013	Venice, Italy	XXX th Meeting
13-15 June 2014	IHB, Monaco	XXXI th Meeting
5-9 October 2015	Kuala Lumpur, Malaysia	XXXII th Meeting
10-14 October 2016	Valparaíso, Chile	XXXIII th Meeting
13-17 November 2017	Busan, Korea	XXXIV th Meeting
5-9 November 2017	Canberra, Australia	XXXV th Meeting
7-8 November 2019	Portsmouth, NH, USA	XXXVI th Meeting

18-20 January 2021

Virtual meeting

XXXVIIth Meeting

Chair: Shin Tina
Vice-Chair: Martin Jakobsson
Secretary: David Wyatt

Email: soarhigh@mac.com
Email: Martin.Jakobsson@geo.su.se
Email: adso@iho.int