



GENERAL BATHYMETRIC CHART OF THE OCEANS (GEBCO) SUB-COMMITTEE ON EDUCATION AND TRAINING (SCET) TERMS OF REFERENCE AND RULES OF PROCEDURE

Preamble

At a virtual meeting of the GEBCO Guiding Committee (GGC) held on 18-20 January 2021, it was agreed that a new Sub-Committee was required to coordinate the GEBCO Project education and training strategy and engagement with the numerous academic institutions offering Ocean Mapping related courses globally and from which the GEBCO Project does and could benefit. These Terms of Reference (ToR) and Rules of Procedure (RoP) were circulated to the full GGC intersessionally between the 37th and 38th meetings of the GGC and the Sub-Committee was approved to commence work under these ToRs and RoPs. The decision to create this new Sub-Committee was communicated to IOC and IHO.

Authority for the creation of this Sub-Committee is included in the GGC Terms of Reference, paragraph 9, which states that “The GEBCO Guiding Committee shall direct and monitor the work of the GEBCO Sub-Committees and Working Groups; propose to IHO and IOC the creation or termination of Sub-Committees, and create, maintain and terminate Working Groups as deemed necessary.” In accordance with paragraph 9 of the GGC Terms of Reference, SCET shall cooperate with the TSCOM (The Technical Sub-Committee on Ocean Mapping) which aims at serving and advising technical aspects in building and use of GEBCO products, SCRUM (The Sub-Committee on Regional Undersea Mapping) which aims at coordinating regional mapping initiatives, SCUFN (Sub-Committee on Undersea Feature Names) which aims at serving as a designated authority for all matters concerning undersea feature names, SCOPE (Sub-Committee on Communications, Outreach, and Public Engagement) which aims to coordinate the communications, outreach and external relations strategy and activities being conducted to support and raise awareness of the GEBCO Project and to complement the focused outreach activities of the Seabed 2030 Initiative, and Seabed 2030 Project Team to ensure a coordinated approach and engagement is achieved with Ocean Mapping programmes, whose graduates support the activities of the IHO-IOC GEBCO Project and potentially will become the next generation of leaders within the GEBCO Project as well as the wider Ocean Mapping field. SCET also facilitates to raise awareness amongst academic institutions of identified gaps in education and training that impact on the progress and development of Ocean Mapping and the objectives of the GEBCO Project in particular.

1 Terms of Reference

- 1.1 The Sub-Committee reports to the Joint IOC-IHO GEBCO Guiding Committee (GGC) as its designated authority for all education and training matters relevant to the goals of GEBCO as set out in the GGC Terms of Reference and Rules of Procedure.
- 1.2 The Sub-Committee shall:
 - 1.2.1 Regularly survey academic institutions providing Ocean Mapping programmes to identify any topics which will impact on the goals of GEBCO and the development of the next generation of Ocean Mappers.
 - 1.2.2 Foster collaboration and engagement with the various academic institutions providing Ocean Mapping programmes.

- 1.2.3 Identify the gaps in courses, where new technologies and methodologies are not part of the current programme and which would benefit progress towards the goals of the GEBCO Project.
- 1.2.4 Identify requirements for further education and training, and engage with relevant institutions and organizations (academic and commercial) for opportunities for the provision of suitable courses and workshops.
- 1.2.5 Establish, support, and/or disband working groups or project teams, as needed, to carry out specific tasks or product development that advance the GEBCO Project.
- 1.2.6 Work closely with other GEBCO Sub-Committees and subordinate bodies of the IHO and IOC on matters of common interest.
- 1.2.7 Be the lead liaison between the GEBCO Project and the UNH Ocean Mapping Programme, providing comment on course content and future development, placement opportunities and acting as the conduit for communication between the GEBCO Project and UNH.
- 1.2.8 Act as the focal point for all Ocean Mapping Programme alumni, encouraging and providing opportunities to become involved in GEBCO Project activities and subordinate bodies.

2. Rules of Procedure

- 2.1 Membership of the Sub-Committee is covered by the following rules:
 - 2.1.1 Members of the Sub-Committee are experts acting exclusively for the benefit of the Joint IHO-IOC GEBCO Project.¹
 - 2.1.2 Sub-committee normally shall include the representatives of Sub-Committees and GEBCO Projects who are appointed by TSCOM, SCUFN, SCRUM, SCOPE and Seabed 2030 Project.
 - 2.1.3 Members should be encouraged to participate according to their individual expertise for the communications, outreach and external relations strategies to raise awareness of the GEBCO Project.
 - 2.1.4 Members are expected to participate actively in the committee's work. This can include, but is not limited to, attendance at in-person or virtual meetings, active and substantive email correspondence, or meaningful contribution to a GEBCO activity. After a non-participation period of a member exceeding 2 years, the member's status is changed to a non-voting inactive member, and the Chair may approach them about withdrawing his/her membership.
- 2.2 The Chair and Vice-Chair shall be elected by active Sub-Committee members. Their nominations are subject to endorsement by the GGC.
- 2.3 The Chair and the Vice-Chair are elected for a three-year period. The Chair and Vice-Chair may be re-elected for additional terms for a maximum of three consecutive terms if desired by the sub-

¹ So far as IOC is concerned, the Sub-Committee is classed as a Joint Group of Experts under the IOC Guidelines for subsidiary bodies.



committee members and subject to their availability. The Chair or, in his/her absence, the Vice-Chair shall conduct the business of the Sub-Committee.

- 2.4 Meetings will usually be held every year, ideally before the GGC meeting. In the intervening period the Sub-Committee shall conduct its business via all appropriate media.
- 2.5 Individuals, entities and organizations that can provide a relevant and constructive contribution to the work of the Sub-Committee may be represented at meetings as Expert Contributors with observer status, at the discretion of the Chair or Vice-Chair.
- 2.6 Members are expected to attend all meetings.
- 2.7 Observers from IHO and/or IOC Member States may attend meetings.
- 2.8 The quorum to hold a meeting shall be not less than 50% of the listed active Sub-Committee Members. The Sub-Committee shall strive to make decisions by consensus. If consensus cannot be reached, decisions shall be taken by simple majority vote. Only listed active members present may cast a vote. The Chair shall have the casting vote if there is a tie.
- 2.9 Recommendations and advice of the Sub-Committee shall be provided directly to the appropriate subordinate bodies of GEBCO.
- 2.10 Resolutions of the Sub-Committee shall be submitted to the GGC for consideration and decision.
- 2.11 The Chair shall submit an annual report to the GGC.