Network for technology and innovation in ocean mapping and data processing

MEETING OBJECTIVES

The Nippon Foundation-GEBCO Seabed 2030 Project’s goal of mapping all of the world’s oceans by the year 2030 can only be accomplished if those at the forefront of technological innovation in ocean mapping are engaged. The aim of this meeting is to establish a network of academic, industrial and governmental partners for technical innovation in support of this goal. The network would afford partners the opportunity to:

1. Pursue opportunities related to ongoing and future ocean mapping initiatives
2. Test new technologies
3. Benefit from international outreach and visibility of the Seabed 2030 project
4. Support ocean stewardship and sustainability

At this first meeting, we will discuss:

I. Mapping platforms (unmanned and manned) and instruments
II. Novel and emerging solutions for seabed mapping – including crowd-sourcing and remote technologies (e.g. bathymetry from space and aircraft)
III. Software solutions for data processing, compilation and distribution/access (including cloud solutions)

MEETING AGENDA

08:30-09:15: Registration in the Marble Hall
09:30-09:40: Introduction and meeting objectives: Professor Martin Jakobsson
09:30-10:00: Introductions by participants

PANEL DISCUSSION

10:00-10:30: Theme I: Mapping platforms (unmanned and manned) and instruments (Moderator: Professor Martin Jakobsson)
10:30-10:45: Health Break (Coffee/Tea)
10:45-11:15: Theme II: Novel and emerging solutions for seabed mapping – including crowd-sourcing and remote technologies (e.g. bathymetry from space and aircraft) (Moderator: Professor Larry Mayer)
11:15-11:45: Theme III: Software solutions for data processing, compilation and distribution/access (including cloud solutions) (Moderator: Dr Vicki Ferrini)
11:45-12:30: Closing discussion
12:30: Lunch in the Wolfson Room
The Nippon Foundation-GEBCO
Seabed 2030 Project

From Vision to Action

ATTENDEES

Dr Graham Allen  
British Oceanographic Data Centre (BODC), National Oceanography Centre (NOC)

Dr Roger Berg  
Saab/Kockums

Dr Brian Calder  
Center for Coastal & Ocean Mapping (CCOM)

Mr Sebastien de Halleux  
Saildrone

Dr Boris Dorschel  
Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research (AWI)

Mr Wetherbee Dorshow  
Earth Analytic

Mr William Egan  
Teledyne Marine

Dr Vicki Ferrini  
Lamont-Doherty Earth Observatory (LDEO)

Dr Robin Falconer  
GEBCO Consultant

Mr Martin Galavazi  
Fugro

Dr James Garvin  
NASA

Dr Knut Hartmann  
EOMAP

Ms Carmen Hestvik  
OLEX

Mr Ole Benjamin Hestvik  
OLEX

Mr Almar Hollaar  
Quality Positioning Services (QPS)

Mr Andy Hoggarth  
Teldeyne CARIS

Professor Martin Jakobsson  
Stockholm University

Mr Bjørn Jalving  
Kongsberg Maritime

Dr Mathias Jonas  
International Hydrographic Organization (IHO)

Mr Eiichi Kikawa  
Japan Agency for Marine-Earth Science and Technology (JAMSTEC)

Dr Geoffroy Lamarche  
National Institute of Water and Atmospheric Research, New Zealand (NIWA)

Professor Larry Mayer  
CCOM

Mr David Millar  
Fugro

Ms Caitlyn Raines  
Esri

Dr Marzia Rovere  
CNR Institute of Marine Science (ISMAR)

Mr Ben Simpson  
Hushcraft Ltd

Admiral Shep Smith  
Office of Coast Survey/NOAA

Dr Helen Snaith  
BODC

Mr George Spoelstra  
GGS Geo Consultancy

Dr Jyotika Virmani  
XPRIZE Foundation

Ms Pauline Weatherall  
BODC

Dr Dawn Wright  
Esri

Dr Yulia Zarayskaya  
GEBCO-Nippon Foundation Alumni Team

Dr Karolina Zwolak  
Polish Navy Academy, GEBCO-Nippon Foundation Alumni Team