



GEBCO Symposium 2017 MAP THE GAPS

15 November 2017
Paradise Hotel, Busan, Republic of Korea

P R O G R A M M E

09:00 Introduction and Welcome Remarks

Timothy Kearns, Executive Vice President, Ocean Aero, USA
VADM (ret) Shin Tani, GEBCO Chairman
Hyun Soo Kim, President, Hydrographic Society of Korea
Dong-Jae Lee, General Director, Korea Hydrographic and Oceanographic Administration

09:40 Keynote Presentations (Moderator: Timothy Kearns)

Kihoon Hong, President, Korean Institute of Ocean Science and Technology

10:00 Oral Presentations – Ocean Mapping Projects I (Moderator: Jaya Roperez)

Ocean Exploration Trust mission, seafloor mapping program, and highlights of mapping-related discoveries - Nicole Raineault
INVENT17 transit and Sea Acceptance Test dataset of RV ISABU operated by KIOST – Dr Yosup Park
Updates on Bathymetric Compilation in Alaska – Mark Zimmermann

10:45 Poster Session and Coffee Break

11:05 Oral Presentations – Ocean Mapping Projects II (Moderator: Jaya Roperez)

The FRAM-2014/15 Drift of the R/H SABVABAA in the highest Arctic – Dr John Hall
Regional-scale 100/30 m-resolution bathymetry grids for north-eastern Australia – Prof Robin Beaman
Scientific Discoveries from Seafloor Mapping in the Polar Regions – Dr Martin Jakobsson
Predicted Bathymetry from Satellite Altimetry: The Good, The Bad, and The Ugly – Dr David Sandwell
New Techniques and Opportunities for Visualization of Ocean Mapping Data – Vicki Ferrini

12:20 Lunch and Poster Session

13:30 Oral Presentations – Emerging Science and Scientists (Moderator: Moonbo Shim)

Standardization Norm of Sea Surface Naming: Issue on Establishing Classification Criteria of Generic Terms – Sejin Ahn
Geomorphological Analysis of Marine Accident Hotspots in Korea – Jeonghoon Shin
Establishing a cost-effective approach for wide area detailed seabed mapping - A Case Study of a multiple AUV application – Jan Arvid Ingulfsen
Opening Bathymetric Data to the Public: Optimizing Big Data for Access through the Web – Caitlyn Raines
XPRIZE Challenges – Dr Jyotika Virmani
GEBCO-NF Alumni Team for Shell Ocean Discovery XPRIZE Challenge and Way Forward – Jaya Roperez

15:00 Poster Session and Coffee Break

15:30 Oral Presentations – Ocean Mapping Technology (Moderator: Dr Hyun Jung)

AUV sensors complementary to MBES and SAS for the AUV mapping of other seafloor characteristics – Helen Anderson
Introducing K-MATE and Kognif AI: Making Remote Access to Real-time Bathymetric Data Collection a Reality – Martin Gutowski
Mapping the gaps through process automation – Matthew Holland
QPS software products for multibeam backscatter and water column for seep detection – Elisabeth J.Y. Kim
Precision at depth: Specialised Underwater Vehicle for efficient mapping – Ola Oskarsson

16:45 Policy, Projections and Trends (Moderator: Timothy Kearns)

Hydrographic Surveys past, present and future in Jamaica – Antonio Williams
Future of ocean mapping, hydrography, policy and public perception – Rear Admiral (ret) Mustafa Iptes
Re-thinking data governance and policies: Nation's participation in Seabed 2030 – Capt John Lowell, Jr
The Role of the Private Sector in Global Ocean Mapping – David Millar

17:45 Concluding Remarks

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