

## IHO-NIPPON FOUNDATION ALUMNI SEMINAR - 2023

25-27 October 2023, London, UK

### Contribution to the IHO Work Programme 2023

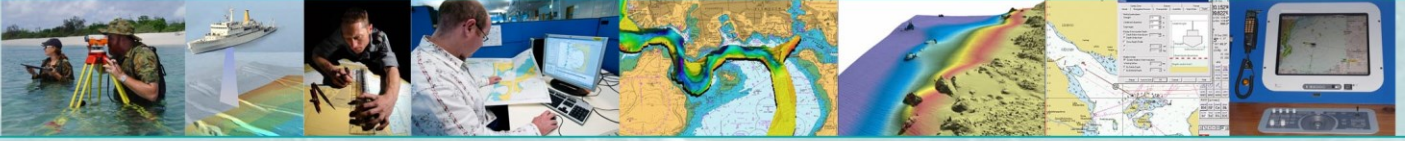
Task 3.3.9 2023 CBWP P-35	Plan, administer and implement Capacity Building activities, including seminars
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The IHO-Nippon Foundation Alumni Seminar was held in London, UK from 25 to 27 October, organized by the IHO and supported by the Nippon Foundation (NF) of Japan, with generous support from the United Kingdom Hydrographic Office (UKHO). The Nippon Foundation has funded selected international trainees to attend courses in nautical cartography at the United Kingdom Hydrographic Office (UKHO) for the last fifteen years. Since 2014, the training has been conducted under the auspices of a Memorandum of Understanding (MoU) signed between the IHO and NF, known as the IHO-NF GEOMAC (Geospatial Marine Analysis and Cartography) Project (formerly, the IHO-NF CHART (Cartography, Hydrography and Related Training) Project). The programme, delivered for the GEOMAC Project, in "Marine Cartography and Data Assessment" is recognized at the Category "B" level by the FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC) in accordance with the Standards of Competence for Nautical Cartographers, IHO Publication S-8B.

The objectives of the Alumni Seminar were to strengthen the IHO-NF Alumni network, to encourage cooperation between the fellows, to improve the global friendship and to obtain feedback from the alumni. Of the total 92 fellows, 48 alumni from 32 countries (Argentina, Bangladesh, Bulgaria, Colombia, Croatia, Denmark, Dominican Republic, Ecuador, Estonia, Fiji, Georgia, Guyana, Indonesia, Latvia, Lebanon, Malaysia, Malta, Mexico, Nigeria, Oman, Peru, Philippines, Poland, Romania, Spain, Sri Lanka, Suriname, Thailand, Trinidad and Tobago, Uruguay, Venezuela and Viet Nam) attended the seminar.

Mr. Mitsuyuki Unno (Executive Director of the Nippon Foundation), Mr. Yu Nakahiro (representative of the Nippon Foundation), RAdm Angus Essenhigh (UKHO), Ms. Lucy Fieldhouse (UKHO), Mr. Jeremy Kitcher (UKHO), Mr. Marcus Haddy (UKHO), Dr. Diane Dumashie (FIG), Mr. Gordon Johnston (IBSC), Mr. Adam Greenland (IBSC), Mr. Jamie McMichael-Phillips (The Nippon Foundation-GEBCO Seabed 2030), Mr. Steve Hall (The Nippon Foundation-GEBCO Seabed 2030), RAdm Mustafa Iptes (retired IHO) and Mr. Jeffery Bryant (retired UKHO) also attended the Seminar as invited guests. The IHO Secretariat was represented by Director Luigi Sinapi, Assistant Director Leonel Manteigas and Mr. Kazufumi Matsumoto (Project Officer seconded to the IHO Secretariat by Japan).





*Participants of the IHO-NF Alumni Seminar*

On the first day, the Seminar was opened by Assistant Director Leonel Manteigas. The keynote speeches were delivered by Mr. Mitsuyuki Unno (Executive Director of the Nippon Foundation), RAdm Angus Essenhigh (UK National Hydrographer), RAdm Luigi Sinapi (IHO Director) and Dr. Diane Dumashie (FIG President).



*Mr. Mitsuyuki Unno*



*RAdm Angus Essenhigh*



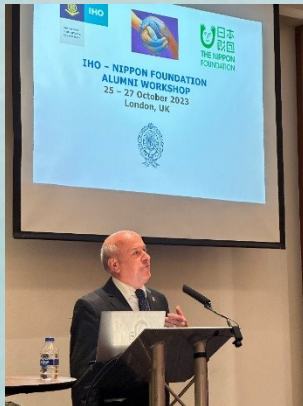
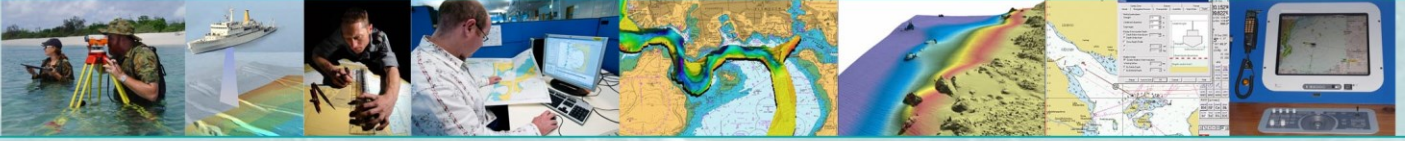
*RAdm Luigi Sinapi*



*Dr. Diane Dumashie*

Presentations given by RAdm (ret.) Mustafa Iptes (Former IHO Director) and Mr. Jeffery Bryant (Former UKHO Coordinator) informed the participants about the background and history of the IHO-NF cooperation from each perspective, and the presentation by Mr. Yu Nakahiro (the representative of the Nippon Foundation) introduced the Nippon Foundation, its organization, the respective primary source of funding and the major initiatives to the Human Capacity Building at a Global Scale.





***RAAdm (ret.) Mustafa Iptes***



***Mr. Jeffery Bryant***



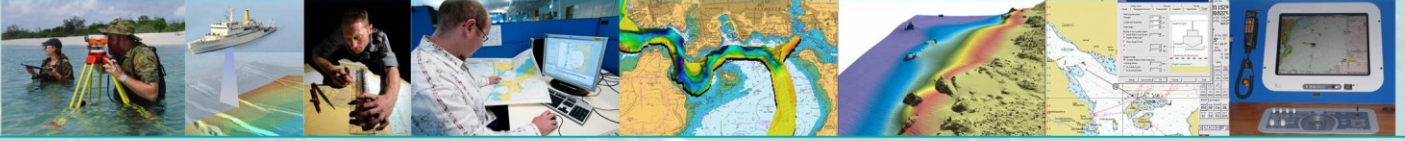
***Mr. Yu Nakahiro***

Dr. Diane Dumashie (FIG President) presented on People, Planet & Partnership Working Tackling the Global Challenges, providing an overview of the FIG, its trends and objectives for tackling the global challenges of the future according to FIG. Mr. Gordon Johnston and Mr. Adam Greenland (IBSC Members) provided an overview of the IBSC, the standards and the recognized programmes, the challenges and what they do. Mr. Jamie McMichael-Phillips (Nippon Foundation-GEBCO Seabed 2030) provided an overview and update of the Nippon Foundation-GEBCO Seabed 2030 Project with the beginning of GEBCO and Nippon Foundation-GEBCO Seabed 2030 Project as well as the Ocean Decade challenges and also updated the figures on evolution of the GEBCO Map, which is 24.9%.

Mr. Leonel Manteigas provided an overview of the IHO Capacity Building Work Programme and Strategy, the importance of GEOMAC Project and new Capacity Building initiatives with the figures related with the alumni. Ms. Lucy Fieldhouse (UKHO) had an administrative overview of the GEOMAC Project such as the annual schedule and logistic arrangements. Also, Mr. Jeremy Kitcher (UKHO) presented the academic overview of the GEOMAC Project such as online pre-learning, new modules of collaboration modules led by Ocean wise and Seabed 2030 and the Digital Twins module. Mr. Kazufumi Matsumoto conducted a questionnaire regarding alumni' careers and follow-up thoughts of the course before the seminar and summarized the results. One of the alumni, Ms. Clarizza Mae Biong, made a presentation on the Workshop on Nautical Charting Fundamentals and S-57 Data Capture - NAMRIA Experience and another alumnae, Lizardo Caro, presented a project of Drift Buoy Developed to Emulate Oil Spills.

On the second day, group work was conducted by the alumni. The alumni were divided into eight groups, each with alumni from different countries. Each group discussed one of four marine-related topics, sharing their experiences and made short presentations.





*Group work (discussion)*



*Group work (presentation)*

In the last session, Mr. Leonel Manteigas introduced examples of alumni achievements in relation to the impact of the GEOMAC Project and summarized the seminar. Finally, the seminar was concluded by RAdm Luigi Sinapi with a speech dedicated to the way ahead and the closing remarks.

On the third day, the alumni participated in a social tour of the Cutty Sark ship, the National Maritime Museum and the Royal Observatory in Greenwich, which are deeply related to hydrography and nautical cartography and contributed to their cultural development.



*Participants of IHO-NF Alumni Seminar (in front of the Royal Observatory)*

The Seminar was an opportunity to assess the retention of the alumni as more than 90% of them are still working in their hydrographic services or related government sector. The NF so far has funded 99 people from 51 countries through the IHO Capacity Building Programme.

Presentations and speeches provided at the Seminar will be available on the IHO web site at: <https://iho.int/iho-nf-geomac-project>