

2-Day Technical Workshop on Hydrographic Governance

20-21 February 2023



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Technical Workshop on Hydrographic Governance 20-21 February 2023

South West Pacific Hydrographic Commission



Group 1 Chair: Nicholas Pion Rapporteur: Brad Cooper	Group 2 Chair: Jervis Robinson Rapporteur: Dan Miners	Group 3 Chair: Hayes Moses Rapporteur: Jennifer Coppola
Australia	United Kingdom	France
Papua New Guinea	Fiji	French Polynesia
Solomon Islands	Kiribati	New Caledonia
New Zealand	Nauru	United States
Cook Islands	Pitcairn Islands	American Samoa
Niue	Tuvalu	Federated States of Micronesia
Samoa	Vanuatu	Marshall Islands
Tokelau		Palau
Tonga		

Breakout Sessions



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20th Meeting of the South West Pacific Regional Hydrographic Commission

Capacity Building Report

Matt Borbash



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Overview

1. CBSC20 and CBSC20 Intersessional Update
2. CBSC Project Teams Update
3. SWPHC CB Activity 2022/2023
4. Current IHO and Other CB Opportunities
5. SWPHC CB Plan (2023-2025)
6. Conclusions



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1. CBSC20 and CBSC20 Intersessional Meetings

CBSC20 Intersessional Meeting VTC, 17 March 2022 & CBSC20 Meeting 1-3 June 2022, Bali, Indonesia.

- Very few activities completed due to COVID. Unknown the long-term impacts this will have on the IHO CB Work Plan and regional development.
- Agreed funded activities not completed would be carried into the 2023 Workplan
- Virtual meetings have helped with engagement, but poor connectivity and passive engagement highlight that these cannot fully replace face to face meetings
- Development of IHO CB Calendar
- SWPHC CB Report and Hydrographic Leaders Programme

HOME > CBSC > CALENDAR CBSC ACTIVITIES

Calendar CBSC Activities

Capacity Building Calendar where the relevant remote activities of the Regions (Seminars, workshops and courses) could be advertised to provide more publicity and allow Members from other regions to participate.

IHO CBSC - RHCs VTC activities

Today May 2022

Print Week Month Agenda

Mon	Tue	Wed	Thu	Fri	Sat	Sun
25	26	27	28	29	30	1 May



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2. CBSC Project Teams Update

Capacity Building Strategy Review Project Team

- Gap analysis between the IHO CB strategy and IHO Strategic Plan was conducted. This identified that current strategy was in general alignment with the plan
- Inclusion of mission/vision statements & amending and updating of terms
- Review and development of M2 Figure 1 Phases of Capability to include Phase 0 for Hydrographic Governance.
- Addition of 5th step to the existing 4 step process of CB (Awareness, Assessment, Analysis, Action) to measure effectiveness of CB assistance through monitoring and evaluation
- Council 6 endorsed the new Capacity Building Strategy.



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2. CBSC Project Teams Update

Empowering Women in Hydrography Project Team

- The MOU between Canada and the IHO was finalised securing the funded 3-year programme
- Dedicated webpage <https://iho.int/en/basic-cbsec-ewh>
- Activities to date
 - Webinar held 7 March 2022
 - Internship at the IHO, Monaco (EWH Outreach)
 - 3 internships with the IBSC
 - 3 opportunities for at-Sea experience with NOAA
- Member States are encouraged to contribute to this project



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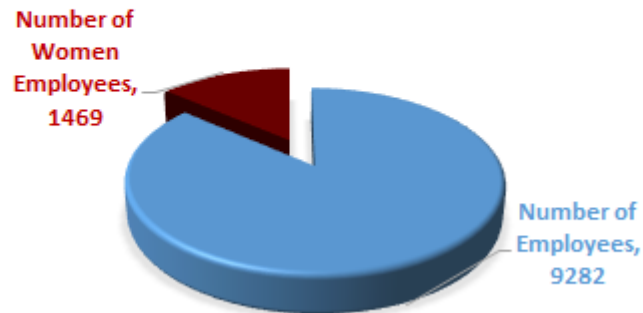


2. CBSC Project Teams Update

CL 26 / 2022 - The IHO recently collected baseline data from 38 of its Member States which reveals that men hold 81% of the leadership roles in the combined hydrographic offices and make up approximately 84% of total staff. Out of 9282 employees, 1469 are women, and 245 of these occupy leadership roles.

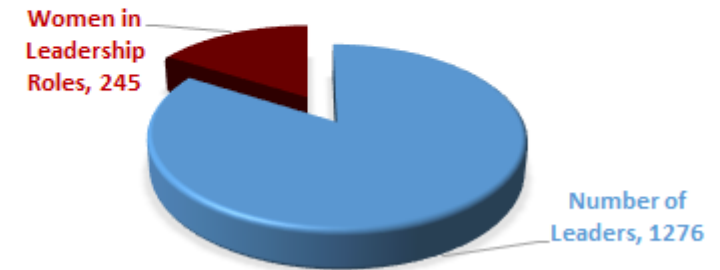
**TOTAL NUMBER OF EMPLOYEES VS TOTAL
NUMBER OF WOMEN EMPLOYEEES**

38 Responses received to CL26/2022



**NUMBER OF LEADERS VS WOMEN IN
LEADERSHIP ROLES**

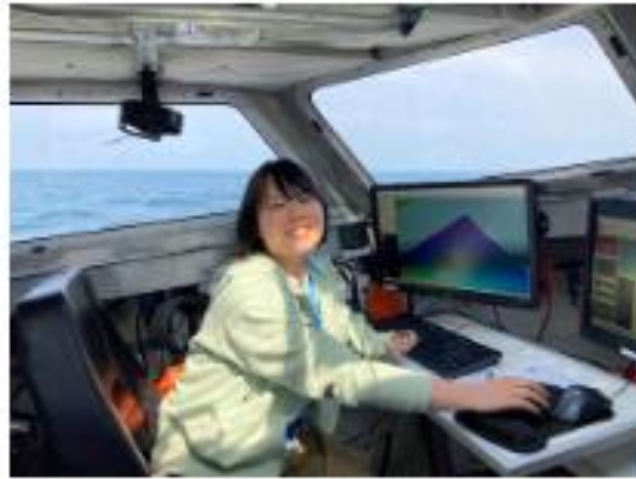
38 Responses received to CL26/2022



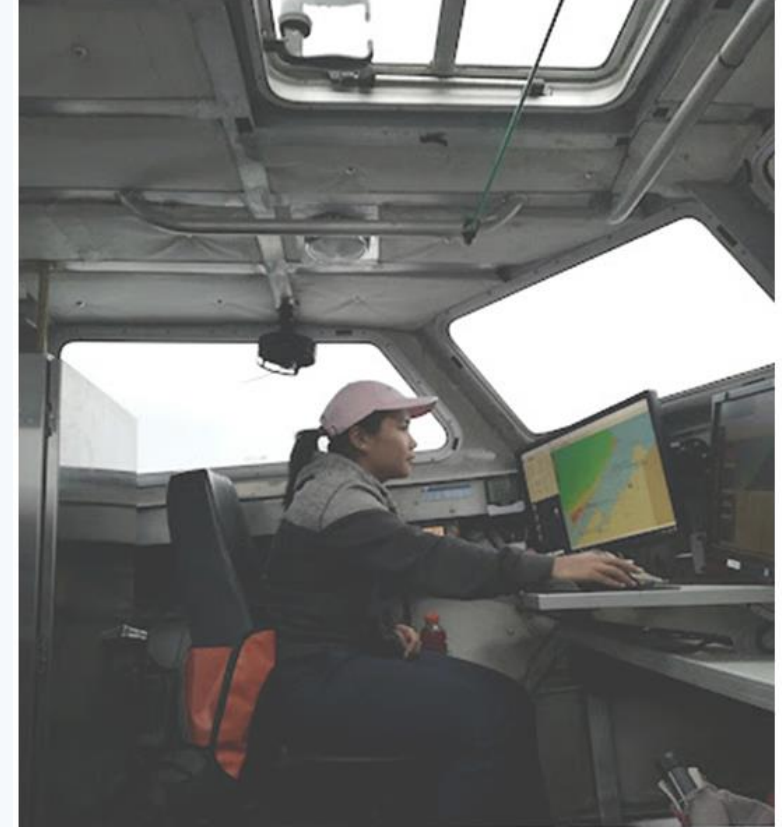
2. CBSC Project Teams Update



Sub-Lieutenant Mercy Modupe Ogungbamila standing in front of NOAA Ship Rainier at Victor Pier, Apra Harbor, Guam.



Chiaki Okada during survey operation and monitoring of the multibeam echo sounder data on survey launch 2904.



Firoza Tomohamat monitoring survey collection aboard the survey launch.

2. CBSC Project Teams Update

eLearning Platform Project Team

- eLearning Platform is being developed with financial support from ROK
- Project Team meets regularly via VTC.
- Platform development is progressing and is currently in the content testing phase; draft guidelines focused on platform structure and governance is also underway
- The system is expected to be operational in late 2023, early 2024
- Future funding could be a challenge



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3. SWPHC CB Activity 2022/2023

2022

- SWPHC Hydrographic Leaders Programme (Feb – Jan)
- SWPHC Seabed 2030 Webinars 1-4 (May – Jul)
- SWPHC S-100 Workshop #2 (Oct)
- U.S. Navy IHMEP CAT B; Indonesia graduate (Aug)
- IIC S-5 CAT B
- SPC (extensive)

Education Opportunities:
France, UK, U.S. – CAT A &
CAT B programs
Australia, Indonesia – CAT
B programs

2023

- Technical Workshop on Hydrographic Governance (Feb)
- IIC S-5 CAT B
- MSI Regional Workshop (Jul)
- SPC, IALA



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3. SWPHC CB Activity 2022/2023

2023

- MSI Regional Workshop – 34,400 € approved (CBSC18 P-06)
 - To build institutional knowledge, commitment and capability to deliver MSI for the region that will improve maritime safety and increase maritime domain awareness
 - To provide MSI training to representatives from SWPHC
 - To increase the knowledge and experience to provide compliant MSI
 - To build enduring relationships with representatives from SWPHC
- Technical Workshop on Hydrographic Governance (CBSC18 P-07)



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4. Current IHO and Other CB Offerings

1. University of Southern Mississippi Hydrography Science Program **Category “A”** (Aug’23 - Aug’24); CL34-2022
2. U.S. Navy International Hydrographic Management Engineering Program (IHMEP) S-5 **Category “B”** (Annually Feb - Aug)
3. IIC Technologies S-5 **Category “B”**
4. NOAA’s EWH At Sea Experience
5. SPC, IALA



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5. SWPHC CB Plan (2023 – 2025)

Timeline for submission for 2024

February	Final requests for CB activities to CB Coordinator
April	Submitted via the CB Coordinator to the Capacity Building Sub Committee in April for consideration
June	Finalised Capacity Work plan for following year.



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5. SWPHC CB Plan (2023 – 2025)

2024

- Workshop on Disaster Response (ICW SWPHC21) – 33,500 € approved (CBSC19 P-05)
 - To assess effectiveness of the SWPHC DRF and to establish necessary corrective actions to further refine and improve the DRF
 - To generate a scenario driven (table –top) disaster event and exercise the Disaster Response Plan
 - To identify lessons learned, successes and shortfall of the Plan
 - To share experience and knowledge between SWPHC members and other RHCs
 - To build relationships with representatives from SWPHC



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5. SWPHC CB Plan (2023 – 2025)

SWPHC 3-year CB Plan (2023-2025)

Submission to CBSC (due 31 st March)	(to be submitted to CBSC21 in 2023)	(submitted to CBSC20 in 2022 and approved)	(submitted to CBSC19 in 2021 and approved)	(submitted to CBSC18 in 2020 and approved)	(submitted to CBSC17 in 2019 and approved)	(submitted to CBSC16 in 2018 and approved)
Year of delivery	2024	2023	2022	2021	2020	2019
Regional SWPHC CB Activities (Funded by IHO CB fund – CBSC approved)	Request carry over approval from 2021: Disaster Response Framework Workshop – Scenario Driven icw SWPHC21 Priority #1	Carry over approval from 2020: 2-Day Technical Workshop Hydrographic Governance icw SWPHC20 Priority #1 MSI Regional Workshop Priority #1	Carry over approval from 2020: Virtual MSI Regional Workshop Priority #1 Carry over approval from 2020 and postpone: 2-Day Technical Workshop Hydrographic Governance Newly approved, carry over, postpone: Disaster Response Framework Workshop – Scenario Driven	2-Day Technical Workshop Hydrographic Governance (linked with SWPHC18) - postponed MSI Regional Workshop - postponed + Other projects to be formulated at SWPHC18 (Feb 2020)	2020 CBWP P-09 2-Day Technical Workshop on MSI for Managers & Disaster Framework for SWPHC (linked with SWPHC17) DONE 2020 CBWP P-06 Training for Trainers on MSI DONE 2020 CBWP A-10 Technical Implementation Visit to Samoa (former 2019 CBWP A-01)	2019 CBWP P-12 2-Day Technical Workshop on Disaster Response Planning & Data Discovery (linked with SWPHC16) Priority #1 DONE 2019 CBWP A-03 Technical Assessment & advice visit to Palau & Marshall (NGA) DONE 2019 CBWP A-02 Technical Implementation Visit to Niue (former 2018 CBWP A-05) DONE 2019 CBWP A-01 Technical Implementation Visit to Samoa (former 2018 CBWP A-04) POSTPONED to 2020
IHO MS CB Activities		IHO-ROK Cat A Hydrographic Surveyor [USM]; Aug 2023 IHO-Nippon Foundation (GEOMAC) Project, [UKHO]; Aug 2023 UKHO Online	IHO-ROK Cat A Hydrographic Surveyor [USM] IHO CL-30/21 IHO-Nippon Foundation (GEOMAC) Project, [UKHO]; IHO CL08/22 by 15 Apr 2022; Convene Aug – Dec 2022 SWPHC Hydrographic Leaders Program (Cohort 1) UKHO Online	IHO-ROK Cat A Hydrographic Surveyor [USM] IHO CL-34/20 by 19 Feb 2021 IHO-Nippon Foundation Geospatial Marine Analysis and Cartography (GEOMAC) Project, [UKHO]; IHO CL08/21 TBD Sep 2021	IHO-Nippon Foundation „Geospatial Marine Analysis and Cartography (GEOMAC) Project, [UKHO] IHO CL09/20 by 6 April 2020 IHO-ROK Cat A Hydrographic Surveyor [USM] IHO CL-49/19 by 17 Feb 2020	IHO-Nippon Cat B Nautical Cartography [UKHO] IHO CL04/19 by 29 March 2019
Non-IHO CB Activities		International Hydrographic Management Engineering Program (IHMEP), CAT B, [U.S. Navy] Feb – Aug 2023	International Hydrographic Management Engineering Program (IHMEP), CAT B, [U.S. Navy] Feb – Aug 2022	GEBCO TRAINING PROJECT [UNH] IHO CL11/20 by 30 April 2021	GEBCO TRAINING PROJECT [UNH] IHO CL11/20 by 31 March 2020	GEBCO Cat A Ocean Mapping [UNH] IHO CL12/19 by 29 Mar 2019
	New Zealand Aid Programme - PRNI					
	UKHO Programme - CME					



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Conclusion

I respectfully request:

1. SWPHC note this report
2. SWPHC endorse resubmission of (CBSC19 P-05), Workshop on Disaster Response, to CBSC21
3. Coastal States communicate CB needs to PCAs and CB Coordinator
4. External Partners inform CB Coordinator of ALL CB opportunities that the SWPHC region can benefit from (also for inclusion in the IHO Calendar)
5. Coastal States, in light of your new awareness of Hydrographic Governance and the importance of good communication, review the SWPHC Countries/Territories Capacity Building Phase Stage (Procedure 11) and the Current State of SWP PICTs and provide any updates to SWPHC CB Coordinator. (I'll forward both documents via email next week)
6. Everyone consider volunteering to join the SWPHC CB Strategy "Tiger Team"
7. Members consider contributing to the Empowering Women in Hydrography Project



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