



PROGRAM

Seabed 2030 5th SaWPaC Regional Mapping Community Meeting



12-14 July 2023

In-person at Hotel Mercure Ariosto, Lima, Perú or Online

Nippon Foundation - GEBCO Seabed 2030 Project South and West Pacific

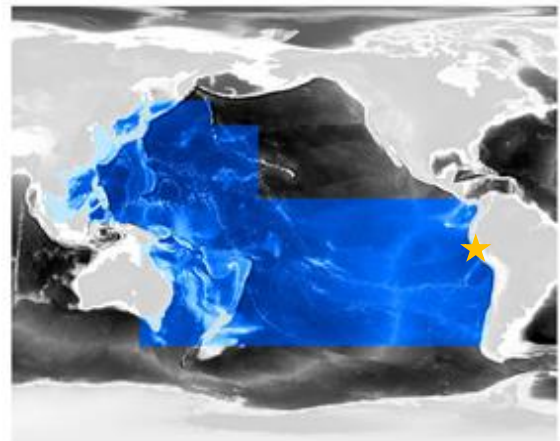
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The [Seabed 2030](#) South and West Pacific Centre ([SaWPaC](#)) invites you to the **5th Regional Mapping Community meeting**.

The meeting will be hosted by the Peruvian Hydrographic Office, honouring their 120th anniversary, in **Lima, Peru**.

Virtual participation is possible for those who can't attend in-person. The workshop, on the third day, and social events will be in-person only.

Translation services will be available between Spanish and English to all participants (in-person & virtual).



Convenor: Kevin Mackay, Head of the Seabed 2030 S&W Pacific Regional Data Centre, NIWA

Contact: pacific@seabed2030.org (please use "Seabed 2030 SaWPaC 2023 RMC Meeting" in the Subject line).

Organizing committee:

Belen Jimenez Baron, Seabed 2030 SaWPaC Data-centre Manager, NIWA; Jenny Black, GNS Science Te Pū Ao; Glen Rowe, Toitū Te Whenua LINZ; Christie Reiser, IHO-DCDB; Sheila Caceres, Seabed 2030 Atlantic and Indian Oceans Data Manager.



PROGRAMME –Lima TimeZone (Peru Standard Time UTC-5)

Note that the program is subject to changes at any time

Day 0, 11 July 2023

Time	Activity/Presentation
19:00	Icebreaker (for in-person attendees) <i>Peruvian Hydrographic Office, Dirección de Hidrografía y Navegación de la Marina de Guerra del Perú, would like to welcome all with an Ice-breaker event at the venue (Hotel Mercure Ariosto)</i>
23:00	End of Ice-breaker

Day 1, 12 July 2023

Time	Activity/Presentation	Moderator
8:00	Registration	
8:30	Welcome from Peruvian Hydrographic Office Contralmirante Carlos Guerrero Malpartida <i>Dirección de Hidrografía y Navegación de la Marina de Guerra del Perú</i>	Welcome session Moderator: Hugo Montoro
8:35	Welcome from Seabed 2030 Jamie McMichael-Phillips <i>Director, The Nippon Foundation – GEBCO Seabed 2030 Project</i>	
8:40	Welcome from South & West Pacific Regional Center Kevin Mackay <i>Head, South & West Pacific Regional Centre, Seabed 2030</i>	
8:50	What is GEBCO? Yerinelys Santos <i>IHO appointed member, GEBCO guiding committee</i>	
9:00	The Nippon Foundation – GEBCO Seabed 2030 Project Jamie McMichael-Phillips <i>Director, The Nippon Foundation – GEBCO Seabed 2030 Project</i>	
9:10	Seabed 2030 South-West Pacific Regional Center Belen Jimenez Baron <i>Datacenter Manager, South & West Pacific Centre, Seabed 2030</i>	
9:20	Group photo & Coffee break	
10:00	Peruvian Hydrographic Office Institutional Video <i>Dirección de Hidrografía y Navegación de la Marina de Guerra del Perú</i>	Session 1 Moderator: Belen Jimenez
10:10	Fugro Holly Woytak <i>Fugro Americas</i>	
10:20	NORDregde – Optimización de levantamientos hidrográficos sobre el elipsoide con tecnología multihaz verdaderamente portátil Rui Orsini <i>Vice President of Marketing and Sales – South America, Norbit Subsea</i>	



10:35	Multibeam database and bathymetric DTMs of New Caledonia Julien Collot <i>Geological Survey of New Caledonia</i>	
10:45	Geoformas submarinas y diversidad bentónica en la Antártida Stefani Isabel Gálvez Alarcón <i>Universidad Nacional Federico Villarreal</i>	
11:00	Caracterización de los hábitats bentónicos del banco de Máncora Federico Velazco <i>Instituto del Mar de Perú</i>	
11:15	Caracterización geomorfológica de la margen continental peruana Anthony Alex Quilca Huanca <i>INGEMMET</i>	
11:30	2023 Updates from the Atlantic and Indian Ocean Regional Center Sheila Caceres <i>Data Manager, Atlantic and Indian Oceans Regional Center, Seabed 2030</i>	
11:45	Collaborative Satellite Derived Bathymetry Mapping Projects for Seabed 2030 Kyle Goodrich <i>TCarta</i>	
12:00	Lunch Break – Sponsored by NORBIT	
14:00	Welcome and housekeeping Belen Jimenez <i>Datacenter Manager, South & West Pacific Centre, Seabed 2030</i>	Welcome Session For Western Pacific
14:05	GEBCO Yerinelys Santos <i>IHO appointed member, GEBCO guiding committee</i>	
14:10	The Nippon Foundation – GEBCO Seabed 2030 Project Jamie McMichael-Phillips <i>Director, The Nippon Foundation – GEBCO Seabed 2030 Project</i>	
14:15	Seabed 2030 South-West Pacific Regional Centre Kevin Mackay <i>Head, South & West Pacific Centre, Seabed 2030</i>	
14:20	Deep Learning for seabed classification using SONAR data Rosa Virginia Garone <i>NTNU</i>	Session 2 Moderator: Kevin Mackay
14:40	GEBCO T-SCOM update George Spoelstra <i>Chair of GEBCO Technical Sub-committee TSCOM</i>	
14:50	Mapping New Zealand's Seafloor Stuart Caie <i>Toitū Te Whenua LINZ</i>	
15:00	Coffee Break	
15:30	Why Should We Share Data? Unlocking the value in Hydrographic office's data Palu Soqoiwasa <i>SWPHC MSDIWG, Fiji Hydrographic Office</i>	Session 3 Moderator: Sally Watson
15:40	Contribute to Seabed2030 through CARIS Cloud's Bathymetry Data Service Juan Carballini <i>Teledyne CARIS</i>	
15:55	Global predicted bathymetry using neural networks Hugh Harper <i>Scripps Institution of Oceanography, SIO</i>	



16:05	Seismic to bathymetry Vaughan Stagpoole <i>GNS Science</i>	
	Break	
16:30	Remote Survey Applications – Live demo Leonardo Figueroa/Karem Oviedo <i>Kongsberg Discovery</i>	
	END OF DAY 1	

Day 2, 13 July 2023

Time	Activity/Presentation	Moderator
8:30	Arrival	
8:45	Welcome and housekeeping <i>South & West Pacific Regional Centre for Seabed2030 Project</i>	Session 4 Moderator: Sheila Caceres
8:50	Transformación Digital: Impulsando la Exploración del Fondo Marino Commander Gustavo Velandia <i>Director of Technology Management, Colombian Navy</i>	
9:10	IHO – DCDB Christie Reiser <i>Bathymetry Data Manager, NOAA/IHO DCDB</i>	
9:25	Crowd Sourced Bathymetry Belen Jimenez Baron <i>Datacentre Manager, South & West Pacific Centre, Seabed2030 Project</i>	
9:40	Colombia DIMAR - CIOH Yerinelys Santos <i>Geophysicist, Colombian Hydrographic Service, DIMAR</i>	
9:55	Actuales Capacidades de Adquisición Batimétrica al Servicio del Desarrollo de las Naciones Enrique Silva <i>GEOCIENCIAS CHILE/PERÚ</i>	
10:05	Coffee break	
10:35	The Southern Ocean Regional Centre and International Bathymetric Chart of the Southern Ocean Patrick Schwarzbach <i>Helmholtz Centre for Polar and Marine Research (AWI)</i>	Session 5 Moderator: Jenny Black
10:45	Mapeo batimétrico del Ridge de Iquique en el norte de Chile Catalina García-Jove Contreras <i>Universidades PUCV y UV</i>	
11:00	Metodología para la recolección de datos en Cruceros Geológicos Marinos Teresa Olenka Pedemonte Reategui <i>INGEMMET</i>	
11:15	Proyecto de la Dorsal de Nazca y Capacidades del B.A.P. Carrasco en beneficio del esfuerzo Seabed 2030 C. de N. Víctor Vivanco Moscoso <i>Dirección de Hidrografía y Navegación de la Marina de Guerra del Perú</i>	
11:30	Panel discussion: Challenges & opportunities of data sharing	
12:00	Lunch Break – Sponsored by KONGSBERG DISCOVERY	



14:00	Updates from Fiji Hydrographic Service Abel Lagivola <i>Fiji Hydrographic Office</i>	Session 6 Moderator: José Gianella
14:15	EMODNET George Spoelstra <i>EMODNET</i>	
14:25	Avances en mapeo oceánico en la República del Ecuador y oportunidades para científicos internacionales Nilton Sanchez Espinoza <i>Armada de Ecuador</i>	
14:40	Hydrographic surveying work in the outer islands (Kiribati) Tion Uriam <i>Marine Division, Ministry of Information, Communications and Transport</i>	
14:50	Seabed mapping of an active volcano in Tonga Kevin Mackay <i>Head, South & West Pacific Regional Centre for Seabed 2030 Project</i>	
15:00	Coffee Break	
15:30	Batimetría aplicada con fines no batimétricos Edy Advincola Quispe <i>Marine Geophysical Survey</i>	Session 7 Moderator: Vicki Ferrini
15:45	Updates from SPC – Pacific Islands Communities Salesh Kumar <i>Pacific Communities</i>	
15:55	AusSeabed Kim Picard <i>Geoscience Australia</i>	
16:05	JAMSTEC Ocean Mapping Activities and Contributions Yukari Kido <i>Jamstec</i>	
16:15	SonarWiz DEMO Jose Duran <i>Marine Geophysical Survey</i>	
16:30	Update from North Pacific Regional Centre for Seabed 2030 Juliet Kinney <i>North Pacific Regional Centre for Seabed 2030 Project</i>	
16:40	Meeting closing remarks & announcement of next year's event Kevin Mackay <i>Head, South -West Pacific Regional Centre for Seabed 2030 Project</i>	
17:00	END OF DAY 2	
18:30	Social Activity (for in-person attendees) <i>Visit to Huaca Pucllana archeological site</i>	



WORKSHOP in-person only.

Day 3, 14 July 2023

Time	Activity/Presentation
08:30	Workshop Opening <i>Goals and expectations for the day</i>
09:00	Open Data Discovery & Download
10:00	Coffee Break
10:30	Working with data
12:00	Lunch Break
14:00	Data visualisation & analysis
15:00	Coffee Break
	Final product Produce your own map using free data and open tools
	Group reflections
16:30	END OF WORKSHOP

Workshop Preparation:

Bring your own laptop

Download & Install QGIS

- windows link <https://qgis.org/downloads/QGIS-OSGeo4W-3.28.7-1.msi>
- macOS link is <https://qgis.org/downloads/macos/qgis-macos-ltr.dmg>



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<https://arcg.is/1murL10>