



WESTERN TROPICAL ATLANTIC REGION

REGIÓN ATLÁNTICO TROPICAL OCCIDENTAL

RÉGION ATLANTIQUE TROPICALE OCCIDENTALE

One Planet, One Ocean

**The UN Decade of Ocean Science for Sustainable Development 2021-2030:
Capacity Development: 1. The Deep-Sea Co-Design Workshop**

Capacity Development: 1. The Deep-Sea

Thursday, August 19 at 10h00 Colombia Time (11h00 AST, 15h00 UTC)

Co- hosted by IOC of UNESCO Sub commission for the Caribbean and Adjacent Regions- IOCARIBE and the International Seabed Authority

Web: <http://iocaribe.ioc-unesco.org/webinarseries/cd>

Register at: <http://iocaribe.ioc-unesco.org/webinarseries/cd/regcd>

Simultaneous interpretation will be provided: English, French, and Spanish.

RATIONALE OF THE DRAFT PROGRAM

A recommendation from the Ocean Decade Regional Planning Meeting is that Capacity Development in the Western Tropical Atlantic region should be at the forefront of the implementation actions. The IOC Capacity Development Strategy, 2015–2021 identified it as the spark that will make possible that nations profit from ocean scientific research to achieve sustainable development and prosperity in the region. It is also explicitly recognized in the Action Plan adopted by the Assembly of the International Seabed Authority (ISA) in support of the United Nations Decade of Ocean Science for Sustainable Development adopted in December 2020 (ISBA/26/A/4, ISBA/26/A/17), which operationalizes the vision set out by the 168 Members of ISA in the ISA Strategic (ISBA/24/A/10) and High-Level Action Plan (ISBA/25/A/15) for 2019-2023.

The deep ocean in the Western Tropical Atlantic and Eastern Tropical Pacific regions deserves consolidated strengthening of international cooperation for exploration and scientific understanding, which can be effectively facilitated by the rapid advancement of technologies for ocean observations and monitoring. Emerging needs for ensuring sustainable development of deep-sea resources and the protection of vulnerable deep-sea ecosystems further call for cross-sectoral and multi-level partnerships among countries as well as competent intergovernmental organizations, such as International Seabed Authority.

The United Nations Decade of Ocean Science for Sustainable Development seeks to transform how ocean science achieves long-lasting impacts, offers opportunities for robust capacity development, and benefits people's life through stimulating innovative ocean research. A key avenue for this is to ensure co-design for co-delivery and meaningful capacity building opportunities. To that end, critical attention needs to be placed on maximizing synergies, within existing strategic frameworks and strategies adopted by competent intergovernmental organizations with a view to effectively contribute to the achievement of respective mandates and ultimately meet the objectives of the 2030 Agenda.

This virtual session of the UN Decade Ocean Western Tropical Atlantic series seeks to address the importance of deep ocean capacity development and ocean literacy needs in the region through a series of dialogues among relevant stakeholders. In particular, the workshop will build on the mandates of ISA tasked by the United Nations Convention on the Law of the Sea and the strategic actions undertaken through the ISA Marine Scientific Research Action Plan in support of the UN Decade of Ocean Science for Sustainable Development as well as the Decision of the ISA Assembly on a programmatic approach to capacity development (ISBA/26/A/18).

It will also draw on the wide range of experience and lessons learnt by ISA and its members in implementing unique and innovative capacity-building/development schemes over the last 27 years in the exploration of mineral resources, environmental baseline studies and deep-sea research. It is expected that as part of the outcomes of the discussion to be held during the workshop, participants will have an increased awareness of the existing opportunities and mechanisms through which individuals from the Western Tropical Atlantic and Eastern Tropical Pacific regions can build and develop their capacities in deep-sea research related disciplines. It will also provide for the opportunity to discuss how strengthened capacities could support informed decision-making, develop robust ecosystem-based management measures, and contribute to the existing efforts engaged at the international and regional levels to foster cooperation for enhanced participation in marine scientific research activities.

The workshop strives to identify priority issues and recommendations for the development of regional actions to build capacity in ocean data access, information, and knowledge; of specialized research and observation equipment; promote training; and collaboration to participate in ocean science activities to benefit from discoveries of new species and ocean resources.

The results of this regional session will be consolidated as a discussion paper by the co-conveners of the regional session, which can contribute to the Western Tropical Atlantic Action Plan including the Eastern Tropical Pacific.

| Cartagena Time | ITEM |
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| 10:00 – 10:20 | Part 1 Welcome / Overview |
| 10:00 – 10:03 | Briefing Arthur E. Paterson , Program Manager, Office of International Activities, Office of Oceanic and Atmospheric Research, NOAA |
| 10:03 – 10:05 | Poll #1 on Familiarity with the Ocean Decade |
| 10:05 – 10:08 | Welcome Ariel Troisi Co-Chair WTA Capacity Development WG |
| 10:08 – 10:16 10:08 – 10:11 | Objectives of the Meeting Elva Escobar Co-Chair WTA Capacity Development WG |

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| 10:11 – 10:16 | Jihyun Lee , Director of Office of Environmental Management and Mineral Resources, ISA |
| 10:16 – 10:18 | Overview of Ocean Decade Video UN Decade of Ocean Science for Sustainable Development |
| 10:18 – 10:20 | ISA Video on MSR in the Area |
| 10:20 – 10:55 | <p style="text-align: center;">Part 2</p> <p style="text-align: center;">Panel: Ongoing CD Programs in the WTA and the ETP regions</p> <p style="text-align: center;">Questions to develop:</p> <p style="text-align: center;">How important is developing capacity in your country? Why?</p> <p style="text-align: center;">What does your country require to strengthened deep sea capacity building with regional or sub-regional IOC communities and local networks?</p> <p style="text-align: center;">What is the most critical capacity development needs to build deep ocean science capacity in your country?</p> |
| 10:20 – 10:29 | <p>Moderator: <u>Sharon Herzka</u>, CICESE México</p> <p>[3 min prerecorded presentations by panelists introducing themselves with a summary of project and answering the level of capacity in deep sea]</p> <p><u>Ana Carolina Ronda</u>, CONICET-Instituto Argentino de Oceanografía (IADO/UNS), Argentina</p> <p><u>Judith Gobin</u>, UWI, Trinidad & Tobago</p> <p><u>Jorge Cortés</u>, UCR, Costa Rica</p> |
| 10:29 – 10:55 | <p>Question and answer session</p> <p>Poll #2 on perception of most important capacity development needs</p> |
| 10:55 - 11:25 | <p style="text-align: center;">Part 3</p> <p style="text-align: center;">Panel: Ocean Decade Endorsed Programs</p> <p style="text-align: center;">Questions to develop:</p> <p style="text-align: center;">How can your programs contribute with deep ocean capacity building in the WTA and ETP region?</p> <p style="text-align: center;">How will your program measure the success of capacity building along the Decade?</p> <p style="text-align: center;">Has co-design been considered in your program?</p> |
| 10:55- 11:04 | <p>Moderator: <u>Denisse Flores</u>, ICML UNAM</p> <p>[3 min prerecorded presentations by panelists introducing themselves with a summary of the endorse project and answering the level of capacity in deep sea]</p> <p><u>Sonakshi Mishra</u>, ECOP, Programme Management Officer, ISA</p> <p><u>Katy Croff Bell</u>, ECOP, President, Ocean Discovery League, National Geographic Explorer</p> <p><u>Frank Müller</u>, USF, Marine Life 2030: Standardized Biodiversity Data for Society</p> <p><u>Leslie Smith</u>, ECOP, Project Director for the Deep Ocean Observing Strategy, iGOOS</p> <p><u>Nick Higgs</u>, ECOP, Director Cape Eleuthera Institute, Challenger 150</p> |

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| 11:04-11:25 | <p>Question and answer session</p> <p>Poll #3 on level of capacity in deep sea</p> |
| 11:25 – 11:55 | <p style="text-align: center;">Part 4</p> <p style="text-align: center;">Panel: What is needed? Next steps</p> <p style="text-align: center;">Questions to develop:</p> <p style="text-align: center;">How will deep ocean capacity development help achieve “the ocean we want”?</p> <p style="text-align: center;">What are the expected next steps in deep sea capacity development in the region, deadlines and outputs?</p> <p style="text-align: center;">Under what conditions do given institutions, policies, and programs foster human benefits from oceans and contribute to achieving the SDGs?</p> |
| 11:25 – 11:34 | <p>Moderator: <u>Jihyun Lee</u>, Director, ISA</p> <p>[3 min prerecorded presentations by panelists introducing themselves with a summary of the endorse project and answering the level of capacity in deep sea]</p> <p><u>Hank Hedge</u>, ECOP, Jamaica</p> <p><u>Mark Haver</u>, ECOP, Chair of the Sustainable Ocean Alliance Youth Policy Advisory Council</p> <p><u>Luisa Fernanda Dueñas Montalvo</u>, ECOP, Universidad Nacional de Colombia, Colombia</p> <p><u>Luciana De Melo Santos Genio</u>, Environmental Analyst, ISA</p> |
| 11:34 – 11:55 | <p>Question and answer session</p> |
| 11:55 – 12:00 | <p style="text-align: center;">Part 5</p> <p style="text-align: center;">Closing Session</p> <p style="text-align: center;">Summary and Call to Action</p> |
| 11:55 – 11:58 | <p>Summary - Next steps</p> <p><u>Elva Escobar</u> Co-Chair WTA Capacity Development WG</p> <p><u>Jihyun Lee</u>, Director, ISA</p> |
| 11:58 – 12:00 | <p>Closing words and adjourn. WTA WG Webinar Series Update.</p> <p><u>Arthur E. Paterson</u>, Program Manager, Office of International Activities, Office of Oceanic and Atmospheric Research, NOAA</p> |

Polls

Poll # 1

How Familiar are you with the UN Decade of Ocean Science for Sustainable Development?

- Extremely Familiar
- Very Familiar
- Familiar
- Not Very Familiar
- Not at All

Poll #2

In the context of the UN Decade of Ocean Science for Sustainable Development for which of the following Ocean Decade Challenges are in the greatest need for capacity development in your country? [Select one]

- Identify required knowledge for sustainable development
- Generate comprehensive knowledge and understanding of the ocean
- Increase the use of ocean knowledge
- All of them

Poll #3

How would you rate the level of capacity available right now in your country in deep sea topics? [Select the three most important ones]

- Low capacity
- Partial capacity
- Significant capacity

Participants Questions in the chat

- We welcome all questions to be submitted in written in the chat
- A request to not forget compiling the questions and save the chat file
- Questions not being answered by panelists during the session will be answered by e-mail if participants include the e-mail or we can identify them from the registration