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2021 United Nations Decade  
2030 of Ocean Science  
for Sustainable Development

# THE UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

2021-2030

WESTERN TROPICAL ATLANTIC

## TROPICAL AMERICAS A SUSTAINABLY HARVESTED AND PRODUCTIVE OCEAN CO- DESIGN WORKSHOP

“CO-EXISTING OPPORTUNITIES AND SYNERGIES:  
EXPLORING OPPORTUNITIES FOR A SUSTAINABLY  
HARVESTED AND PRODUCTIVE OCEAN IN THE  
WESTERN TROPICAL ATLANTIC (WTA)”

WTA - TECHNICAL WORKSHOPS SERIES

Report 2021 – 07



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WESTERN TROPICAL ATLANTIC REGION

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REPORT 2021 - 07

English only

This document presents the summary results of the technical workshop series convened in accordance with the Western Tropical Atlantic Action Plan for the UN Decade of Ocean Science for Sustainable Development 2021-2030 (The Ocean Decade), for the seven societal outcomes, held during the period of July-October 2021, in accordance with the Regional Western Tropical Atlantic Planning Group Action Plan. 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.

For bibliographic purposes this document should be cited as follows:

**Western Tropical Atlantic Technical Workshop Series Report 2021 – 07** as a contribution to the UN Decade of Ocean Science for Sustainable Development, Online meeting, 7 October, 2021

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# THE UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT 2021-2030 WESTERN TROPICAL ATLANTIC

## Tropical Americas Sustainably Harvested and Productive Co-Design Workshop

### Co-existing opportunities and Synergies: Exploring Opportunities for a sustainably harvested and productive ocean in the Western Tropical Atlantic (WTA)

#### WTA - TECHNICAL WORKSHOPS SERIES

#### Report 2021 – 07

Hosted by IOC of UNESCO Sub commission for the Caribbean and Adjacent Regions- IOCARIBE as regional coordinating body for The Ocean Decade.

Virtual Meeting, October 7, 2021

## 1. BACKGROUND

This document presents the summary results of the technical workshop series convened in accordance with the Western Tropical Atlantic Action Plan for the UN Decade of Ocean Science for Sustainable Development 2021-2030 (The Ocean Decade), for the seven societal outcomes, to be held during the period of July-September 2021, in accordance with the Regional Western Tropical Atlantic Planning Group Action Plan.

Workshop repository with presentations and documents:

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

A list of programs and initiatives that are relevant as per Annex 4. The full list of UN Endorsed Programmes (28) and Contributions (33) can be accessed at <https://oceandecade.com/resource/166/Results-of-the-first-Call-for-Decade-Actions-No-012020>.

## 2. INTRODUCTION AND CONTEXT

The UN Decade Working Group V is focused on “a sustainably harvested and productive ocean ensuring the provision of food supply and ocean resources.” For the Western Tropical Atlantic (WTA) countries and ocean sciences, we have a few challenges starting the UN Decade in 2021, but these challenges can turn into opportunities for science and ocean solutions. The key to delivering a sustainably harvested ocean is the development and implementation of a transboundary, multidisciplinary, and cross-sectoral research approach. This approach should connect science, technology, service providers, private sector, policy makers and society in general, for the sustainability of fisheries and marine ecosystem services for livelihoods, economic and social development.

Governments and civil society are increasingly aware of the need for further improvement of management frameworks to achieve greater sustainability and resilience of marine resources. A key component of delivering a sustainably harvested and productive ocean will involve all stakeholders taking ownership and recognizing the importance of science in a changing world. Future research will need to address these aspects. However, other immediate priorities include strengthening governance and building human capital. These priorities will also be necessary to address one of the great challenges of our time: climate change. To achieve this, we need to move beyond the traditional frameworks and move towards equal participation of all stakeholders in policy, governance, and the implementation of strategic decision-making frameworks that enable equity in ocean science, management, and conservation for the benefit of all. The Decade represents an extraordinary opportunity to bring science decision-makers and industry together with society to improve the sustainability of the oceans and make a difference for future generations.

### 3. PARTICIPANTS

The workshop recorded attendance of 106 registered participants, coming from local, national, regional, and global MET Ocean specialists, ocean scientists, transdisciplinary researchers, producers of ocean data, products and services, policy makers, UN partners, business and industry, government representatives, NGOs and other key stakeholders from the regions involved in national and regional ocean and marine related matters. Annex 1.

### 4. OUTCOMES AND FINDINGS

The aim of the workshop was to facilitate and contribute to the identification of opportunities, challenges, barriers, and favourable conditions to support co-design, co-production and co-delivery, building-up a transparent ocean providing marine data and information for all.

The presenters provided excellent perspectives and innovative approaches toward the sustainability of the oceans in the WTA and with global implications. Their presentations encapsulated many of the theme presented in previous decadal workshops and highlighted the great level of connectivity needed to obtain ocean sustainability. Throughout all the presentations It was highlighted that we need to match knowledge gaps in technology, and capacity building with the existing policy and with existing needs and we need to engage with private partners. The importance of enhancing science communication and stakeholder engagement was also highlighted. This is very much linked to capacity building and the incorporation of science and innovation into the formulation and implementation of sustainable policies.

There are practical challenges in the region such as multiple languages and transnational limitations, but we know that ecosystems are interconnected, and we need to manage them in an interconnected holistic approach and forming collaboration and partnerships as proposed by the PROCARIBE program are essential.

Main expected outcomes and findings are:

- The need to match knowledge gaps in technology, and capacity building with the existing policy and existing needs.
- The acknowledgement of the importance of enhancing science communication and stakeholder engagement.
- The recognition that the road to achieve healthy oceans depends on fundamental changes in how we interact with the marine resources, coupled with a wider re-evaluation of our societal values.
- The recognition that ocean has taken center stage for many new economic activities, from offshore wind energy production to aquaculture and aquaponics, and the offshore extraction of minerals and oil.
- The need for ensuring that developing countries and small island states, highly dependent on the benefits of sustainable ocean economies should become a top priority.
- The maintenance / increase cooperation and partnerships due to its unique role in ensuring that small island states and developing countries have access to knowledge science, innovation, technology, and finance to support them to achieve a sustainable ocean.

- The promotion of policy coherence and integrated approaches to manage marine and coastal resources.
- The need to identify and evaluate the efficacy of existing regulatory instruments and their capacity to adapt to emerging issues impacting the oceans.
- The acknowledgement that private partnerships can be a driving force for ocean sustainability by enhancing technology and innovation.

## 5. PROGRAMME HIGHLIGHTS AND WAY FORWARD

The agenda for the meeting as per annex 2. Two question polls were submitted to the consideration of the participants. The results of the answers are contained in Annex 3.

□ **Part 1. Welcome/Overview** to brief the participants on the technical administrative matters for the workshop, objectives, and **UN Ocean Decade Overview**

Dr. Alejandro Acosta, leader of the WTA group V a sustainable harvested and productive ocean presented an overview of the objective of this webinar. He indicated that the webinar was organized by IOCaribe, FAO and GCFI and consisted of a series of presentations by a distinguish group of panellists from science, conservation, and marine policy, representing government, private industry, NGOs and civil society. The panellist shared their perspectives around ocean sustainability and how science, society, and policy influences ocean sustainability. The webinar tried to wrap up the knowledge obtained in previous webinars of these series and present approaches oriented toward ocean sustainability in the region. Dr. Acosta's introduction was followed by Dr. Cesar Toro from (IOC/UNESCO).

Dr. Cesar Toro (IOC/UNESCO) acknowledged the organizers for the opportunity to deliver the talk and highlighted that this was the last of a series of workshops dedicated to disseminating the objectives of the Ocean Decade's seven societal outcomes: a clean ocean, a healthy and resilient ocean, a productive ocean a predicted ocean, a safe ocean, an accessible ocean, and an inspiring and engaging ocean. He gave an overview of the Ocean Decade and described the steps in the preparatory phase that led to implement the Ocean Decade. He emphasized its mission and vision with transformative actions, equity, inclusion to strengthen knowledge and accelerate and ocean observation and data systems to facilitate the delivery of outputs needed at the regional and national scales. He referred to financing mechanisms and the opportunities that the Decade provides to recognize priorities that benefit all by working together. More importantly the Decade would allow the development of partnerships that will allow the implementation the transformative actions that would allow us to co-design. He indicated that the first Decade call for action launched last year endorsed more than 60 programs and contribution and a new call for actions would be launched the week of October 15, 2021 and be open until January 15, 2022. He indicated that this call for action will seek proposals which help to identify those transformative actions targeting co-design, and the identification of alliances and partnerships which can be endorsed as part of the global collective effort of the Ocean Decade.

## □ Part 2 - Keynote

Dr. Patrick McConney, from the Centre for Resource Management and Environmental Studies (CERMES) (Barbados) presented a keynote about “Blue Economy in the Western Tropical Atlantic”. He presented an overview of the Blue Economy in the Caribbean and Western Tropical Atlantic. His talk was based on concepts highlighted in a recent book he co-authored “The Caribbean Blue Economy”. He indicated that a sustainable Blue Economy should provide social and economic benefits for current and future generations, by contributing to food security, poverty eradication, livelihoods, health, equity, and political stability. Importantly he highlighted that the blue economy is not new, however, new patterns have emerged that change the blue economy concept. He introduced us to the concept of Doughnut economics which implies that the economy is circular, but we should not only look at the outside of the Doughnut but also at the bottom of it in which social foundation and societal objectives are found. He described several programs and actions taking place in the region and highlighted the Regenerate Barbados program in which terrestrial and marine doughnut economics are implemented for a Small Island State (SIDs). He identified opportunities and challenges that fall into four key components: institutions, resources, output, and integration. He also discussed the concept of blue justice due within a blue economy where there are possibilities of winners and losers such as a small-scale fisheries case study.

Finally, better governance, policies, and regulations must be implemented at the global, regional, national, and local levels to protect our oceans, mobilize partnerships, and more importantly, all the developments in the blue economy must be data-driven and science and technology will be a key factor for a sustainable blue economy.

## □ Part 3 – Panel: Regional Organizations/Agencies/Institutions/Projects

The following session was Moderated by Dr. Martha Prada. Dr Prada presented an overview of the session and posed the following questions to all Panelists:

- How can your programs contribute to the for a sustainably harvested and productive ocean in the Western Tropical Atlantic (WTA) region?
- How will your program create opportunities and synergies for transformative ocean science and marine use along the Decade?

The session consisted of four panelists representing a wide spectrum of Regional Organizations, Agencies, Institutions and Projects.

**Eric Wade, FAO-WECAFC:** “Leveraging the vision of FAO-WECAFC to support opportunities and synergies for sustainably harvested and productive oceans in the WTA”

Some highlights of Mr. Wade’s presentation:

- The WECAFC Secretariat has 34 members and associated partner organizations. To this end, the Secretariat takes a coordinated regional approach in the promotion of effective conservation, management, and development of living marine resources.



- The mandate and vision of FAO as described by the 2021 COFI Declaration for Sustainable Fisheries and Aquaculture underpins key areas for synergies and capacity building
- According to FAO estimates, fisheries production in the Wider Caribbean Region has declined by 40 percent over the last two decades. Fifty-five percent of commercially harvested fishery stocks are overexploited or depleted, and 40 percent of stocks are currently fully exploited. WECAFC is indeed tagged to be among one of the world's most overexploited regions.
- WECAFC is promoting the management of living marine resources. However, if it is important to acknowledge that WECAFC may not have all the answers or capacities. Therefore, regional partnerships are important.
- WECAFC is particularly keen to harness the power of new technology and innovation to tackle emerging and continuing issues in the region.
- Information Communication and Technology (ICT) will play an increasing role in how partners adapt and respond to changes.

**Ileana López, UNEP/ Programme Officer for The Specially Protected Areas and Wildlife Protocol:**  
“Connecting the dots for a sustainably harvested and productive ocean in the wider Caribbean”

Some highlights of Ms. Lopez' presentation:

- Ms. Lopez highlighted that the Cartagena Convention Protocol has three protocols: a) for oil spills, b) specially protected areas and wildlife and c) for the pollution from land-based sources and activities.
- The same issues that the region faced in 1974 are the same issues we are currently confronting. In addition to environmental impacts, the region continues to face low levels of economic growth, poverty, and inequality along with increasing urbanization and growing vulnerability in the coastal zone as well as increasing costs of natural disasters.
- Connecting the dots is important for changing the way we think; we need to understand that there is a need for change, and we need to incorporate the following elements: Assessments (knowledge), Awareness (participation, communication), Need for change (enabling conditions for changes), Action (develop projects) and Monitoring (evaluation and monitoring)
- We need to connect the dots by connecting research with regional and national agencies with local and national ministries, civil society, and the private sector all they need to work together to attain a sustainable ocean.

**Maren Headley, Caribbean Regional Fisheries Mechanism:** “Co-existing opportunities and synergies: exploring opportunities for a sustainably harvested and productive ocean in the WTA CRFM secretariat's perspective”

Some highlights of Ms. Headley's presentation:

- Member States and stakeholders have access to formal fisheries and aquaculture education programmes delivered through strengthened fisheries extension services.

- There is need for an increased understanding of the social and cultural factors impacting labor and poverty of women, men, youth in fisheries, and gender-responsive approaches to address these issues.
- Improved technical collaboration and knowledge exchange, by engaging relevant commercial organizations and public sector entities can help support effective implementation of proposed interventions.
- There is need to promote blue economy development in the CLME+ through marine spatial planning and marine protected areas (MPAs), ecosystem approach to fisheries (EAF), and sustainable seafood value chains

**Patrick Debels. UNDP/GEF PROCARIBE+ PPG Coordination Unit: "PROCARIBE+ collaborative approach towards ocean-based sustainable development in the wider Caribbean"**

Some highlights of Mr. Debels' presentation:

- Project objectives are: Protecting, restoring, and harnessing the marine resources of the region to catalyse investments in a climate-resilient, sustainable post-covid Blue Economy, through strengthened regional coordination and collaboration, and wide-ranging partnerships by enhanced regional coordination and collaboration and enhanced national capacity and enabling conditions along with regional knowledge management and marine data infrastructure
- Vision: a healthy marine environment supporting human well-being (MPAs, MSP, blue economy and innovative financing)
- The new Ocean Coordination Mechanism will be finalized in the few months in which countries and intergovernmental institutions in which Science, technology and marine spatial planning will be instrumental
- He presented the Ongoing collaborative knowledge management hub (CLME Hub) where collaborative and integrated regional reports are found.

#### ❑ **Part 4 - Panel: Sustainable Development and Private Partnerships**

**Moderator: Martha Prada**

**Jake Kheel, Grupo Puntacana Foundation "Sustainable Development and Private Partnerships"**

Some highlights of Mr. Kheel's presentation:

- The Grupo Puntacana Foundation is a very diverse group engage in all aspect of the tourism industry and the development in Punta Cana, DR. They own and operate all the infrastructure needed to run their resorts including transportation systems, communication networks, sewage, water, and electric systems.
- Marine resources are critical resources for their industry, and they are embedded in their philosophy and they are committed to protecting them.

- As part of their commitment, they invested heavily in coastal management, conservation, and restoration of the marine resources.
- They are engaged in the co-managing of a local MPA in Punta Cana with other stakeholders, developers, and government.
- They have been engaged in coral restoration for 17 years, and have trained and engaged the community and local fishermen in coral restoration and conservation projects.
- The private sector is an incredible partner and source of innovation and expertise and provides additional financial and human resources toward sustainability.

**Ruth Perry, Marine Science and Regulatory Policy Specialist, Shell Exploration & Production Company  
“Private Sector Innovation and Partnerships in the Sustainable Management of Marine Energy Resources”**

Some highlights of Dr. Perry’s presentation:

- As a private energy company, Shell is integrated and involved in the UN Ocean Decade for ocean science with the goal of bringing the private industry into the decade
- Shell’s ambition is focused into energy transition to cleaner energy providing the energy that the population needs while addressing all the stresses on the environment.
- Shell ambition and purpose by 2050 is to be net zero, reduce their carbon footprint and reduce customer emissions.
- Shell is committed to the US Decadal priorities, and these are in synchronicity with the UN decadal goals and how to promote economic prosperity with energy resources in the ocean.
- Shell is working in partnering and cooperating on meeting the UN and US transparent and predicted ocean and healthy and resilience goals
- The energy industry is a large component of the WTA and Caribbean including oil and recently wind energy. Offshore wind is a major growing component of the WTA. We are trying to integrate these facilities as platform for collection of data and as tools for science and partnerships, amongst scientist and other industries.
- Public and private partnership specifically with the energy industry can help to accomplish and advance many of the decade goals and the scientific and conservation needs in the areas that we work.

**□ Part 5 - Panel: Sustainable Development and Non-Profit Organizations**

**Moderator: Fadilah Ali**

**Lalo Bone, EDF, Environmental Defense Fund “When we take care of fish, we take care of everything else”**

Some highlights of Mr. Bone’s presentation:

- EDF strives for healthy oceans. The Oceans program works in 14 geographic locations including the Caribbean, South America, North America, and Southeast Asia.

- They work with partners around the world and draw on strong science and economic principles to advance sustainable fishing practices, forward-looking policies, and innovative tools that support the health of our oceans and prosperous communities.
- There are three main approaches which reflect their core values: Collaborative exchange model; On-the-ground community engagement; Solutions that can be replicated.
- Collaborative work is key and EDF is planning for a changing future under climate change. As we have heard in other presentations today, the future will require international cooperation and collaboration.
- Collaborations are producing important results for Cuba and the world, and they are working because everyone is involved – scientists, managers, fishers, port staff, fishing communities, conservationists and beyond....

**Melanie Andrew, CANARI, Caribbean Natural Resources Institute “People managing oceans: a strategic action programme for civil society for the (CLME+ C-SAP)”**

Some highlights of Ms. Andrew’s presentation:

- The CLME\_ C-SAP is a guide for civil society, seeking to prioritize and focus its work as well as donors, governments, researchers and other partners who provide financial and technical support to civil society
- It outlines a capacity building strategy and provides requirements for strengthening the role, participation, and ownership of civil society in implementing the CLME+ SAP.
- To play an effective role in implementing the CLME+ SAP, civil society organizations need:
  - technical skills, knowledge, and resources.
  - capacities to be strong organizations and to support effective engagement in participatory governance and management

**Alejandro Acosta, GCFI, Gulf Caribbean Fisheries Institute “GCFI: Connecting, Acting and Cooperating”**

Some highlights of Mr. Acosta’s presentation:

- GCFI is connecting various stakeholders, and highlighting the importance of knowledge, science, social issues, and governance by providing avenues to communicate science and traditional knowledge to all stakeholder, policy and decision makers and citizens.
- GCFI is also a facilitator for change and is ready to adapt, not only on the forefront of science, but also ensuring that equality and social justice are included in all activities we engage.
- Strategic cooperation is one of the pillars of GCFI and stakeholders are engaged at all levels and are informed and active in all issues impacting the region.
- We build strategic partnerships that allows GCFI and other agencies to move together in holistic manner.
- GCFI mission and vision align perfectly with the goals of the UN Ocean Decade and we hope to continue promoting the UN Decade in our annual conference and activity through 2030.

## ❑ Part 6. Summary and Call to Action

### Way Forward

**Christa Von Hillebrant-Andrade, International Tsunami Information Center, Caribbean Office.**

#### Four major steps:

- Preparation of Summary Report of the Workshop Review of the Summary. October 15.
- Review of the Summary Reports of all the Workshops to identify potential regional Decade actions. Mid November.
- Preparation of Proposal(s) for Regional Decade Actions. December 3, 2021.
- Tropical Americas Ocean Decade Kickoff Conference. December 9, 2021.

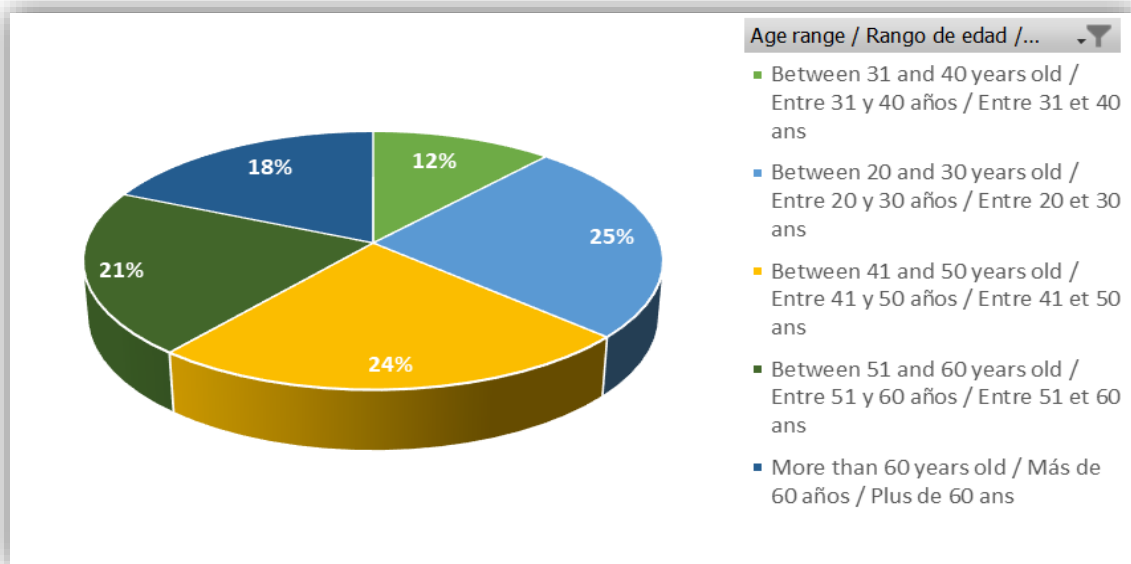
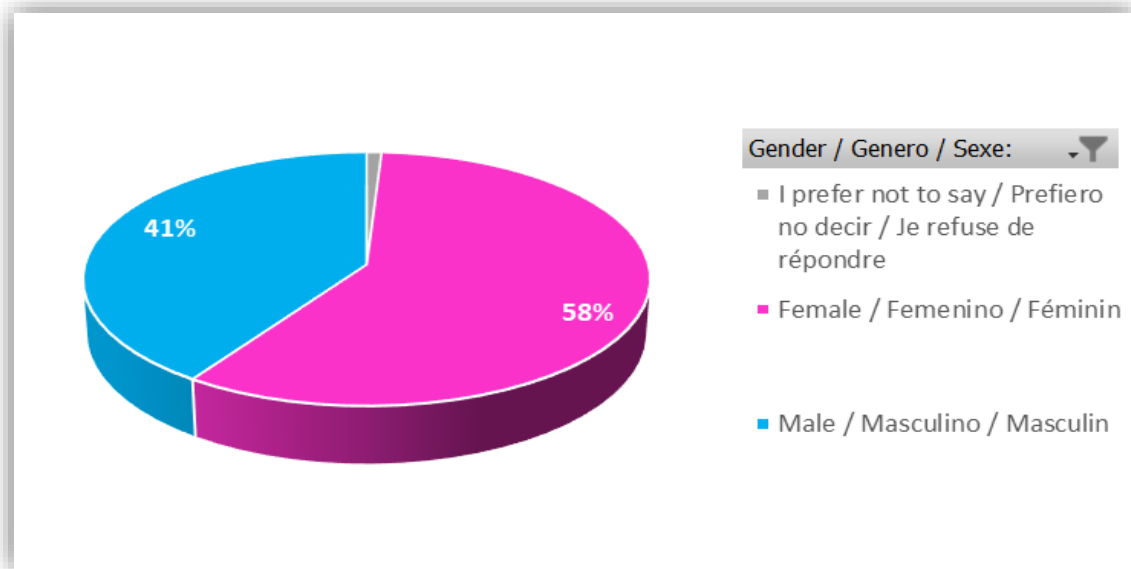
#### ❑ **WTA WG Webinar Series Update** (Annex 4)

**The IOCARIBE Representative** thanked the chair for the summary of meeting highlights and next steps. He announced the completion of IOCARIBE's workshop series and future activities under the Ocean Decade. Annex 4.

## 6. ANNEX 1

### WORKSHOP PARTICIPANTS

The workshop recorded attendance of 106 registered participants, mostly from the Academia, with a balanced gender, generation distribution and geographically diverse.



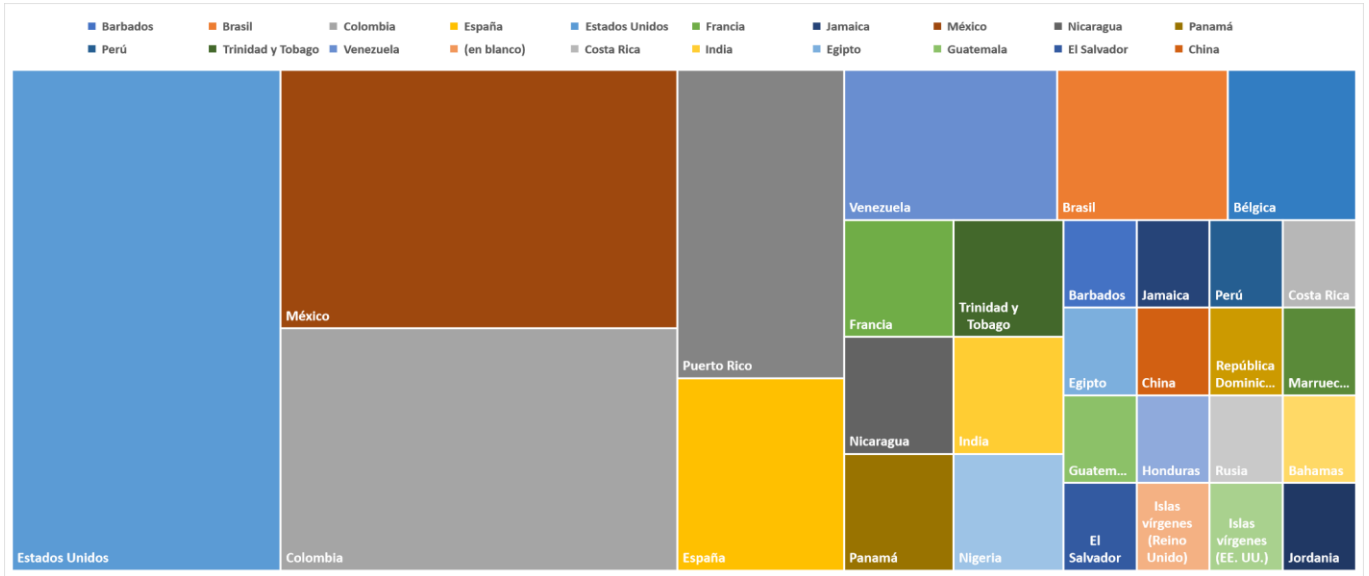


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## 7. ANNEX 2

### AGENDA

**The UN Decade of Ocean Science for Sustainable Development 2021-2030:  
Tropical Americas A Sustainably Harvested and Productive Ocean Co-Design Workshop**

## **Co-existing opportunities and Synergies: Exploring Opportunities for a sustainably harvested and productive ocean in the Western Tropical Atlantic (WTA).**

**Thursday, October 7 at 9:h00 Colombia Time (9h00 AST, 11h00 UTC).**

**Hosted by IOC of UNESCO Sub commission for the Caribbean and Adjacent Regions- IOCARIBE**

Virtual meeting by ZOOM platform

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

Register at: <http://iocaribe.ioc-unesco.org/webinarseries/ashapo/regashapo>

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

### Programme

The UN Decade Working Group V is focused on “a sustainably harvested and productive ocean ensuring the provision of food supply and ocean resources.” For the Western Tropical Atlantic (WTA) countries and ocean sciences, we have a few challenges starting the UN Decade in 2021, but these challenges can turn into opportunities for science and ocean solutions. The key to delivering a sustainably harvested ocean is the development and implementation of a transboundary, multidisciplinary, and cross-sectoral research approach. This approach should connect science, technology, service providers, private sector, policy makers and society in general, for the sustainability of fisheries and marine ecosystem services for livelihoods, economic and social development.

Governments and civil society are increasingly aware of the need for further improvement of management frameworks to achieve greater sustainability and resilience of marine resources. A key component of delivering a sustainably harvested and productive ocean will involve all stakeholders taking ownership and recognizing the importance of science in a changing world. Future research will need to address these aspects. However, other immediate priorities include strengthening governance and building human capital. These priorities will also be necessary to address one of the great challenges of our time: climate change. To achieve this, we need to move beyond the traditional frameworks and move towards equal participation of all stakeholders in policy, governance, and the implementation of strategic decision-making frameworks that enable equity in ocean science,



management, and conservation for the benefit of all. The Decade represents an extraordinary opportunity to bring science decision-makers and industry together with society to improve the sustainability of the oceans and make a difference for future generations.

This virtual session will present regional case studies discussion paper that will include clear recommendations and guidance for the enhancement and sustainability of marine resources under the blue economy. This could include the identification of priority issues and recommendations for the development of regional actions as well as on how we can foster multi-stakeholder participation. These short regional discussion papers (in English, Spanish, French or Portuguese) will be prepared in close collaboration with the co-convener of the regional session.

Cartagena Time	ITEM
9:00 – 9:15	<b>Part 1.</b> <b>Welcome/Overview</b>
9:00 – 9:05	<b>Welcome and Objectives of the Meeting</b> <b>Alejandro Acosta</b> Research Administrator, Gulf Caribbean Fisheries Institute. Florida Fish and Wildlife Conservation Commission/ Fish Wildlife Research Institute.
9:05 – 9:10	<b>Overview of Ocean Decade</b> <b>Cesar Toro</b> , Head of IOC of UNESCO Sub commission for the Caribbean and Adjacent Regions-IOCARIBE
9:10 – 9:15	<b>Poll #1 on Familiarity with the Ocean Decade</b>
9:15 - 9:30	<b>Part 2 -Keynote</b>  <b>Moderator: Fadilah Ali</b>  <b>Blue Economy in the Western Tropical Atlantic</b>  <b><u>Dr Patrick McConney, Centre for Resource Management and Environmental Studies (CERMES)</u></b>
9:30 – 9:35	<b>Poll 2</b>
9:35 – 10:10	<b>Part 3</b>  <b>Panel: Regional Organizations/Agencies/Institutions/Projects</b>  <b>Questions to develop:</b> <ul style="list-style-type: none"> <li>• How can your programs contribute to the for a sustainably harvested and productive ocean in the Western Tropical Atlantic (WTA) region?</li> <li>• How will your program create opportunities and synergies for transformative ocean science and marine use along the Decade?</li> </ul>

	<p><b>Moderator: <u>Martha Prada</u></b> [max 10 min pre-recorded presentations by panelists with a summary of the endorsed program]</p>
9:35- 10:10	<p><b>Eric Wade</b>, FAO-WECAFC to support opportunities and synergies</p> <p><b>Ileana López</b>, Programme Officer for the Specially Protected Areas and Wildlife Protocol.</p> <p><b>Maren Headley</b>, Caribbean Regional Fisheries Mechanism</p> <p><b>Patrick Debels</b>, UNDP/GEF PROCARIBE+ PPG Coordination Unit</p> <p><b>Q/A</b></p>
10:10 – 10:30	<p style="text-align: center;"><b>Part 4</b></p> <p style="text-align: center;"><b>Panel: Sustainable Development and Private Partnerships</b></p> <p><b>Moderator: <u>Martha Prada</u></b></p> <p><b>Jake Kheel</b>, Grupo Puntacana Foundation</p> <p><b>Ruth Perry</b>, Marine Science and Regulatory Policy Specialist, Shell Exploration &amp; Production Company</p> <p><b>Q/A</b></p>
10:30 – 10:50	<p style="text-align: center;"><b>Part 5</b></p> <p style="text-align: center;"><b>Panel: Sustainable Development and Non-Profit Organizations</b></p> <p><b>Moderator: <u>Fadilah Ali</u></b></p> <p><b>Lalo Bone</b>, Environmental Defense Fund</p> <p><b>Melanie Andrew</b>, CANARI, Caribbean Natural Resources Institute</p> <p><b>Alejandro Acosta</b>, GCFI, Gulf Caribbean Fisheries Institute</p> <p><b>Q/A</b></p>
10:45 – 10:55	<p style="text-align: center;"><b>Part 6</b></p> <p style="text-align: center;"><b>Closing Session</b></p> <p style="text-align: center;"><b>Summary and Call to Action</b></p> <p><b>Summary - Alejandro Acosta Chair WTA V a Sustainable Harvested and Productive Ocean Next Steps – Christa G. von Hillebrandt-Andrade (NOAA)</b></p>
10:55-11:00	<p><b>Closing words and adjourn. WTA WG Webinar Series Update.</b></p> <p><b>Cesar Toro</b>, Head of IOC of UNESCO Sub commission for the Caribbean and Adjacent Regions- IOCARIBE</p>

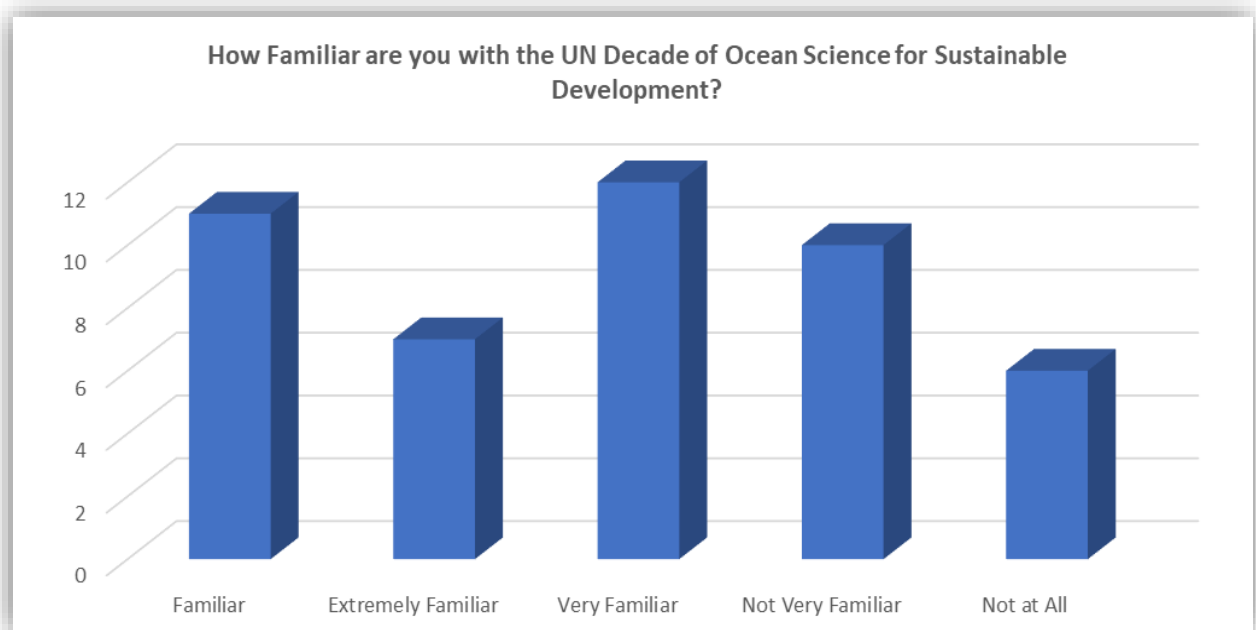
## 8. ANNEX 3

### POLL QUESTIONS

#### POLL #1

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

1. Extremely Familiar
2. Very Familiar
3. Familiar
4. Not Very Familiar
5. Not at All

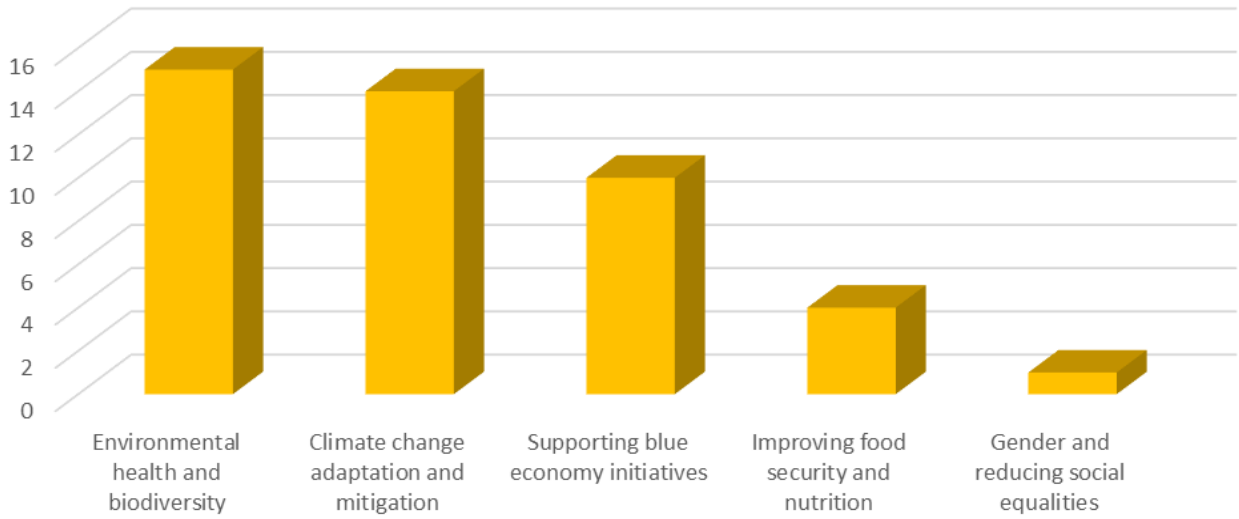


#### POLL #2

What should be the key applied oceans-related research priority for a regional program in the WTA to practically contribute to achieving the SDGs by 2030?

- a) Environmental, health and biodiversity
- b) Climate change adaptation and mitigation
- c) Supporting blue economy initiatives
- d) Improving food security and nutrition
- e) Gender and reducing social equalities

**What should be the key applied oceans-related research priority for a regional program in the WTA to practically contribute to achieving the SDGs by 2030?**



## 9. ANNEX 4

### UN Endorsed Programmes and other Programmes of Interest to The Transparent and Accessible Ocean Working Group – For Cooperation And Interaction

The list of programs and initiatives that are relevant (the full list of UN Endorsed Programmes (28) and Contributions (33) can be accessed at <https://oceandecade.com/resource/166/Results-of-the-first-Call-for-Decade-Actions-No-012020>).

The following are a list of programs and initiatives that are relevant:

- UN Decade Programme Ocean Best Practices
- UN Decade Endorsed Program – Coast Predict - Observing and Predicting the Global Coastal Ocean
- UN Decade Endorsed Program, The Nippon Foundation-GEBCO Seabed 2030 Project, a component is MACHC, Meso America and Caribbean Hydrographic Commission/IOCARIBE
- USA Decade Contribution - Committee on Earth Observation Satellite - Coastal Observation, Practices
- UNESCO/IOC Decade Tsunami Programme, more quickly detect, measure, forecast and warn for tsunamis, even from the near-instant they form, and to enhance the preparedness of coastal though the communities for tsunamis UNESCO/IOC Tsunami Ready Programme;'
- Coastal Flooding - Inundation Forecast Initiative in the Caribbean – RAIV, WMO WTA WG Accessible and Transparent
- Ocean Observing Co-Design: evolving ocean observing for a sustainable future
- Observing Together: Meeting Stakeholder Needs and Making Every Observation Count
- Ocean Practices for the Decade

The OIH will first work with IOC-associated online resources – including OceanExpert, OceanDocs/Aquadocs, the Ocean Best Practices System, the Ocean Biodiversity Information System (OBIS), the World Ocean Database (WOD) and Ocean Data Portal (ODP) – extended by partnerships with EurOcean, Marinetraining.eu, EMODNET, and other sources in the IOC ODIS Catalogue of Sources (ODIScat).

Based on feedback from the three pilot regions, the initial thematic focus of OIH will be on

- i. experts and institutions/organizations,
- ii. documents,
- iii. Spatial data and maps,

- iv. research vessels,
- v. education and training opportunities,
- vi. Projects.

## 10. ANNEX 5

### WTA WG Webinar Series Update

WORKING GROUP	LEADER (S)	DATE/TIME (COT)	TITLE OF WEBINAR	UN PARTNER AGENCY
A safe ocean	Christa von Hillebrandt	<b>8<sup>th</sup> July, 2021</b> 14:00 – 16:00	“Breaking down the Silos for More Effective Early Hazard Warning Services”	United Nations Office for Disaster Risk Reduction UNDRR
A transparent and accessible ocean	Albert Martis Edgard Cabrera	<b>29<sup>th</sup> July, 2021</b> 9:00 - 11:30	“A transparent Ocean with open information and technologies access”	World Meteorological Organization WMO
Capacity Development	Elva Escobar Ariel Troisi	<b>19<sup>th</sup> August 2021</b> 10:00-12:00	“Deep sea Capacity Development needs in the WTA and the ETP for the Ocean we want”	International Seabed Authority ISA
A Clean Ocean	Lorna Inniss	<b>31<sup>st</sup> August 2021</b> 9:00-11:00	"The Year 2031, A Clean Ocean - Steps to Success"	UN Environment Programme UNEP Cartagena Convention
A healthy and resilient ocean	Francisco Arias	<b>9<sup>th</sup> September 2021</b> 9:00-11:00	“Co-designing the path to sail the Decade of Ocean Science to reach the knowledge we need for the ocean we want in the WTA”	
A predicted ocean	Marck Oduber	<b>23<sup>rd</sup> September 2021</b> 9:00-11:30	“Changing the vibe to predict smooth sailing in the WTA and ETP: A Theory of Change approach”	World Meteorological Organization WMO
A sustainably harvested and productive ocean	Alejandro Acosta	<b>7<sup>th</sup> October 2021</b> 9:00 - 11:30	“Co-existing Opportunities and Synergies: Exploring Opportunities for a sustainably harvested and productive ocean in the WTA”	Food and Agricultural Organization FAO