UN Decade of Ocean Science for Sustainable Development 2021-2030
WESTERN TROPICAL ATLANTIC REGIONAL WORKSHOP
Virtually hosted by UNAM (National Autonomous University of Mexico) and co-organized by the Government of Mexico with the Intergovernmental Oceanographic Commission (IOC) as coordinating body for The Decade and the Secretariat of the Cartagena Convention (UN Environment) México 28 - 29 April 2020

This report was prepared by IOC of UNESCO Regional Office for IOCARIBE (Cartagena, Colombia).

Cesar Toro, Alex Palomino, Patricia Wills and Alex Caceres (May 4th, 2020)
Please, find below media report, IT facilities and audiovisual tools used before, during and after the Workshop for promotion, information gathering and organizational purposes.

1. WEB PAGE

In the organization process for this virtual meeting, it was crucial that IOCARIBE had access and permissions to edit and configure the website (http://iocaribe.ioc-unesco.org/).

This allowed the creation of a “microsite” with a menu bar with tabs for registration of interested participants in the workshop, additional information and broadcasting the event. This microsite can be accessed through the link http://iocaribe.ioc-unesco.org/undecade, with the following available tabs:
- IOCaribe: Link to return to home page of the IOCARIBE website.

- Ocean Decade: Link to access the Ocean Decade website.

- Home: On this tab general information about the workshop was available.

- Working Groups: On this tab, information about the working groups was available.

- Register: No longer available. On this tab the registration form for the event was available. It was made available between April 3 to April 15, 2020. Through this form, 547 people registered out of the total of 614 registered among organizers and participants. Please, find below a statistical summary of some data obtained from the registration form:

## COMMUNITY

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academia</td>
<td>138</td>
</tr>
<tr>
<td>Civil Society</td>
<td>17</td>
</tr>
<tr>
<td>Donors and foundations</td>
<td>2</td>
</tr>
<tr>
<td>Financial Institution</td>
<td>1</td>
</tr>
<tr>
<td>Industry / Business</td>
<td>29</td>
</tr>
<tr>
<td>Intergovernmental Organization</td>
<td>32</td>
</tr>
<tr>
<td>International Development Agencies</td>
<td>4</td>
</tr>
<tr>
<td>National Institution</td>
<td>149</td>
</tr>
<tr>
<td>Non-governmental organizations</td>
<td>60</td>
</tr>
<tr>
<td>Ocean science community</td>
<td>67</td>
</tr>
<tr>
<td>Policy Maker / Manager</td>
<td>9</td>
</tr>
<tr>
<td>Regional Institution</td>
<td>20</td>
</tr>
<tr>
<td>UN</td>
<td>19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>547</strong></td>
</tr>
</tbody>
</table>

## GENDER

<table>
<thead>
<tr>
<th>Gender</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>261</td>
</tr>
<tr>
<td>Male</td>
<td>286</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>547</strong></td>
</tr>
</tbody>
</table>

## AGE RANGE

<table>
<thead>
<tr>
<th>Range</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Between 20 and 30 years old</td>
<td>122</td>
</tr>
<tr>
<td>Between 31 and 40 years old</td>
<td>149</td>
</tr>
<tr>
<td>Between 41 and 50 years old</td>
<td>119</td>
</tr>
<tr>
<td>Between 51 and 60 years old</td>
<td>93</td>
</tr>
<tr>
<td>More than 60 years old</td>
<td>64</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>547</strong></td>
</tr>
</tbody>
</table>
Questionnaires: On this tab you will find links to the Google embedded forms generated by IOCARIBE for people interested to fill in the six questionnaires for the Ocean Decade working groups. Therefore, there are 12 links available (six questionnaires in English and six questionnaires in Spanish) until it is decided to stop receiving answers. Please find below a summary of the number of responses received for questionnaires until May 4, 2020:
Documents: On this tab following documents were made available for users since 27 April, 2020:

<table>
<thead>
<tr>
<th>Documents</th>
<th>Downloads (1252)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Science We Need For The Ocean We Want</td>
<td>128</td>
</tr>
<tr>
<td>Implementation Plan Zero Draft – March 2020</td>
<td>124</td>
</tr>
<tr>
<td>Revised Roadmap for the Un Decade of Ocean Science for Sustainable Development</td>
<td>121</td>
</tr>
<tr>
<td>Agenda - UN Decade Western Tropical Atlantic Regional Workshop</td>
<td>109</td>
</tr>
<tr>
<td>Summary Report - First Global Planning - Copenhagen</td>
<td>103</td>
</tr>
<tr>
<td>La Ciencia que Necesitamos UN Decade</td>
<td>97</td>
</tr>
<tr>
<td>IOCARIBE XV - Executive Summary</td>
<td>97</td>
</tr>
<tr>
<td>Hoja de ruta UN Decade</td>
<td>86</td>
</tr>
<tr>
<td>D1 - Ocean Literacy - Western Tropical Atlantic</td>
<td>56</td>
</tr>
<tr>
<td>D1 - WG1 - Clean Ocean - Western Tropical Atlantic</td>
<td>45</td>
</tr>
<tr>
<td>D1 - WG2 - Healthy Resilient Ocean - Western Tropical Atlantic</td>
<td>43</td>
</tr>
<tr>
<td>D2 - WG4 - Safe Ocean – Western Tropical Atlantic</td>
<td>41</td>
</tr>
<tr>
<td>D1 - WG5 - Sustainably Ocean - Western Tropical Atlantic</td>
<td>40</td>
</tr>
<tr>
<td>D2 - Capacity Development - Western Tropical Atlantic</td>
<td>40</td>
</tr>
<tr>
<td>D2 - Global Process</td>
<td>40</td>
</tr>
<tr>
<td>D2 - WG3 - Predicted Ocean - Western Tropical Atlantic</td>
<td>40</td>
</tr>
<tr>
<td>D2 - WG6 - Transparent accessible Ocean - Western Tropical Atlantic</td>
<td>39</td>
</tr>
<tr>
<td>D2 - WG6 - Observations</td>
<td>3</td>
</tr>
</tbody>
</table>

Live: The event was broadcasted though Facebook Live [IOC-Unesco](http://IOC-Unesco), and videos were integrated on corresponding tab. They will remain available in both IOC and IOCARIBE sites for consulting.
2. TWITTER

- Following tweet was published on April 6 by IOC UNESCO:

- On April 6, 2020, IOCARIIBE retweeted previous tweet and published on April 8 a similar profile on a tweet in English and Spanish:
• Following tweet was published on April 28, 2020 by IOC UNESCO:

![Twitter tweet by IOC UNESCO](image)

• Following tweet was published on 28 April, 2020 by IOCARIBE at 23:52 hrs:

![Twitter tweet by IOCARIBE](image)
3. INSTAGRAM

- IOCARIIBE published on Instagram April 8, 2020:

- IOCARIIBE published on Instagram April 28, 2020 at 23:55 hrs:

4. FACEBOOK LIVE

Broadcasting the event through Facebook Live required the joint effort of IOC-UNESCO, Kudo and IOCARIIBE staff. As a result, there are five videos available (two on the first day and three on the second day). Since the event was not held face to face, there was no opportunity to broadcast it on Facebook Live in the traditional way, so it had to be shared in streaming on a PC screen incorporating the sound with a program that extracts it from the Kudo video seen on the screen and inserts it into Facebook. Therefore, and considering internet limitations during these days for the pandemic, the followers of the event from Facebook, had problems with sound distortion and image freezing.
Nevertheless, the live transmission from Cartagena, Colombia started on April 28 at 08:27 a.m. and reached approximately 130 observers. Fifty minutes later, the transmission dropped and after three attempts, the live transmission was restored around 10:05 a.m. with a duration of 2 hours and 42 minutes. During this time reached approximately 60 observers. The transmission of the second day was made from a Kudo PC’s staff in Mexico and was divided into three parts. Please find below reproduction statistics of the five videos until May 4, 2020:

<table>
<thead>
<tr>
<th>Video</th>
<th>Number of Reproductions</th>
</tr>
</thead>
<tbody>
<tr>
<td>The #OceanDecade Western Tropical Atlantic Regional Workshop - Day 1 (part 1)</td>
<td>4,200</td>
</tr>
<tr>
<td>The #OceanDecade Western Tropical Atlantic Regional Workshop - Day 1 (part 2)</td>
<td>1,000</td>
</tr>
<tr>
<td>The #OceanDecade Western Tropical Atlantic Regional Workshop - Day 2 (part 1)</td>
<td>2,700</td>
</tr>
<tr>
<td>The #OceanDecade Western Tropical Atlantic Regional Workshop - Day 2 (part 2)</td>
<td>678</td>
</tr>
<tr>
<td>The #OceanDecade Western Tropical Atlantic Regional Workshop - Day 2 (part 3)</td>
<td>536</td>
</tr>
</tbody>
</table>

5. KUDO

The Workshop was done through the Kudo Platform with two audio channels, one for English and one for Spanish. For each day Kudo provided a link to follow the event which was sent via E-mail to 400, out of the 614 registered participants. The remaining 214 participants were invited to follow the event through Facebook Live. The use of the Kudo Platform allowed, besides having simultaneous interpretation, the possibility of conducting 30 surveys and their results to be known in real time.

It should be noted that of the 400 people invited to participate in the event using Kudo, only 321 participated; on the other hand, 47 users who did not register to participate in the event, somehow got the link and joined the workshop, for a total of 368 participants.

<table>
<thead>
<tr>
<th>RECORD MODE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Web page IOCARIBE</td>
<td>273</td>
</tr>
<tr>
<td>IOCARIBE</td>
<td>48</td>
</tr>
<tr>
<td>Sin Registro</td>
<td>47</td>
</tr>
<tr>
<td>Total</td>
<td>368</td>
</tr>
</tbody>
</table>

Also, from the 368 participants only 318 were connected on line the days of the workshop and the 1st was the highest-rated day.

<table>
<thead>
<tr>
<th>NUMBER OF PARTICIPANTS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Day</td>
<td>Number</td>
</tr>
<tr>
<td>April 28 and 29</td>
<td>318</td>
</tr>
<tr>
<td>April 28th</td>
<td>361</td>
</tr>
<tr>
<td>April 29th</td>
<td>325</td>
</tr>
<tr>
<td>Total</td>
<td>368</td>
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</tbody>
</table>
Please find below statistics for the information provided by the 368 participants:

### COMMUNITY

<table>
<thead>
<tr>
<th>National Institution</th>
<th>92</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academia</td>
<td>69</td>
</tr>
<tr>
<td>No data</td>
<td>69</td>
</tr>
<tr>
<td>Ocean science community</td>
<td>30</td>
</tr>
<tr>
<td>Non-governmental organizations</td>
<td>27</td>
</tr>
<tr>
<td>Intergovernmental Organization</td>
<td>26</td>
</tr>
<tr>
<td>Regional Institution</td>
<td>13</td>
</tr>
<tr>
<td>Industry / Business</td>
<td>13</td>
</tr>
<tr>
<td>UN</td>
<td>13</td>
</tr>
<tr>
<td>Civil Society</td>
<td>8</td>
</tr>
<tr>
<td>Policy Maker / Manager</td>
<td>5</td>
</tr>
<tr>
<td>International Development Agencies</td>
<td>2</td>
</tr>
<tr>
<td>Donors and foundations</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>368</strong></td>
</tr>
</tbody>
</table>

### GENDER

<table>
<thead>
<tr>
<th>Male</th>
<th>200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>168</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>368</strong></td>
</tr>
</tbody>
</table>

### AGE RANGE

| Between 20 and 30 years old | 48  |
| Between 31 and 40 years old | 76  |
| Between 41 and 50 years old | 72  |
| More than 60 years old      | 42  |
| No data                     | 70  |
| **Total**                   | **368** |

### WORKING GROUPS

<table>
<thead>
<tr>
<th>No Data</th>
<th>68</th>
</tr>
</thead>
<tbody>
<tr>
<td>WG I: A clean ocean</td>
<td>118</td>
</tr>
<tr>
<td>WG II: A healthy and resilient ocean</td>
<td>180</td>
</tr>
<tr>
<td>WG III: A predicted ocean</td>
<td>108</td>
</tr>
<tr>
<td>WG IV: A safe ocean</td>
<td>98</td>
</tr>
<tr>
<td>WG V: A sustainably harvested and productive ocean</td>
<td>123</td>
</tr>
<tr>
<td>WG VI: A transparent and accessible ocean</td>
<td>92</td>
</tr>
<tr>
<td>No Data</td>
<td>68</td>
</tr>
<tr>
<td>Country</td>
<td>Number</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Colombia</td>
<td>59</td>
</tr>
<tr>
<td>Mexico</td>
<td>49</td>
</tr>
<tr>
<td>United States</td>
<td>33</td>
</tr>
<tr>
<td>Brazil</td>
<td>31</td>
</tr>
<tr>
<td>Trinidad and Tobago</td>
<td>13</td>
</tr>
<tr>
<td>France</td>
<td>12</td>
</tr>
<tr>
<td>Jamaica</td>
<td>9</td>
</tr>
<tr>
<td>Panamá</td>
<td>9</td>
</tr>
<tr>
<td>Costa Rica</td>
<td>9</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>9</td>
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<tr>
<td>Puerto Rico</td>
<td>7</td>
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<tr>
<td>Canada</td>
<td>7</td>
</tr>
<tr>
<td>Belize</td>
<td>5</td>
</tr>
<tr>
<td>Argentina</td>
<td>5</td>
</tr>
<tr>
<td>Perú</td>
<td>4</td>
</tr>
<tr>
<td>Netherlands</td>
<td>4</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>4</td>
</tr>
<tr>
<td>Barbados</td>
<td>4</td>
</tr>
<tr>
<td>Martinique (France)</td>
<td>4</td>
</tr>
<tr>
<td>Ecuador</td>
<td>3</td>
</tr>
<tr>
<td>Venezuela</td>
<td>3</td>
</tr>
<tr>
<td>Guadeloupe</td>
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<tr>
<td>Guatemala</td>
<td>2</td>
</tr>
<tr>
<td>Chile</td>
<td>2</td>
</tr>
<tr>
<td>Bahamas</td>
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</tr>
<tr>
<td>Aruba</td>
<td>2</td>
</tr>
<tr>
<td>British Virgin Islands</td>
<td>2</td>
</tr>
<tr>
<td>Saint Lucia</td>
<td>2</td>
</tr>
<tr>
<td>Antigua &amp; Barbuda</td>
<td>2</td>
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<tr>
<td>Honduras</td>
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<tr>
<td>Dominican Republic</td>
<td>1</td>
</tr>
<tr>
<td>Grenada</td>
<td>1</td>
</tr>
<tr>
<td>Saint Kitts And Nevis</td>
<td>1</td>
</tr>
<tr>
<td>Haiti</td>
<td>1</td>
</tr>
<tr>
<td>El Salvador</td>
<td>1</td>
</tr>
<tr>
<td>Uruguay</td>
<td>1</td>
</tr>
<tr>
<td>Suriname</td>
<td>1</td>
</tr>
<tr>
<td>Cuba</td>
<td>1</td>
</tr>
<tr>
<td>The Bahamas</td>
<td>1</td>
</tr>
<tr>
<td>Guyana</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>311</strong></td>
</tr>
</tbody>
</table>
Concerning the 30 surveys conducted, a total of 3028 votes were received of which 1820 corresponded to the questions asked during the first day of the Workshop. The following table includes a summary of the questions and number of votes received per day and working group:

<table>
<thead>
<tr>
<th>GLOBAL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No data</td>
<td>34</td>
</tr>
<tr>
<td>Kenya</td>
<td>2</td>
</tr>
<tr>
<td>Tunisia</td>
<td>2</td>
</tr>
<tr>
<td>Japan</td>
<td>2</td>
</tr>
<tr>
<td>Australia</td>
<td>2</td>
</tr>
<tr>
<td>Côte d’Ivoire</td>
<td>1</td>
</tr>
<tr>
<td>Taiwan</td>
<td>1</td>
</tr>
<tr>
<td>Portugal</td>
<td>1</td>
</tr>
<tr>
<td>Italy</td>
<td>1</td>
</tr>
<tr>
<td>Egypt</td>
<td>1</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>1</td>
</tr>
<tr>
<td>Norway</td>
<td>1</td>
</tr>
<tr>
<td>Belgium</td>
<td>1</td>
</tr>
<tr>
<td>Spain</td>
<td>1</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>1</td>
</tr>
<tr>
<td>Timor-Leste</td>
<td>1</td>
</tr>
<tr>
<td>Monaco</td>
<td>1</td>
</tr>
<tr>
<td>Germany</td>
<td>1</td>
</tr>
<tr>
<td>Nigeria</td>
<td>1</td>
</tr>
<tr>
<td>Malaysia</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>57</td>
</tr>
<tr>
<td>Question</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>II-4</td>
<td>Would you think sustainable development and social welfare in the West Tropical Atlantic region may be hampered by insufficient and reliable environmental information?</td>
</tr>
<tr>
<td>V-1</td>
<td>Do you agree that data collection and innovation can enhance the sustainability of marine resource?</td>
</tr>
<tr>
<td>V-2</td>
<td>Do you agree, that improving data collection and stakeholder participation will generate the information needed for good assessment of fisheries resources in the region?</td>
</tr>
<tr>
<td>V-3</td>
<td>Do you agree, that policy measures needed for sustainable fisheries management are in place in the region, but the implementation has been inadequate?</td>
</tr>
<tr>
<td>CC-OL-1</td>
<td>Among the different focus areas of the ECOP working group, which do you think is the highest priority?</td>
</tr>
<tr>
<td>CC-OL-2</td>
<td>As we work towards ECOP inclusivity across geographic and demographic groups, which of the following recruitment channels will be most useful?</td>
</tr>
<tr>
<td>CC-PS-1</td>
<td>Coastal developing states in the Western Tropical Atlantic, and particularly Island States in the Caribbean have always depended on ocean resources for economic prosperity. To develop and sustain the blue economy in the Western Tropical Atlantic Ocean, the private sector requires which of the following:</td>
</tr>
<tr>
<td>CC-PS-2</td>
<td>What are the key sectors in the Western Tropical Atlantic Ocean economy that the private sector is willing to invest in?</td>
</tr>
<tr>
<td>CC-YP-1</td>
<td>What is the main priority among the 4 identified in the Ocean Literacy Strategy?</td>
</tr>
<tr>
<td>CC-YP-2</td>
<td>What is the most important level of ocean literacy policy development?</td>
</tr>
<tr>
<td>III-1</td>
<td>This is feasible in:</td>
</tr>
<tr>
<td>III-2</td>
<td>Most vital action needed:</td>
</tr>
<tr>
<td>III-3</td>
<td>Who should take a leading role in this?</td>
</tr>
<tr>
<td>IV-1</td>
<td>Mitigation requires observations, data and awareness.</td>
</tr>
<tr>
<td>IV-2</td>
<td>Biggest data related challenge for a safe ocean in the reg.:</td>
</tr>
<tr>
<td>IV-3</td>
<td>Highest regional priority for a Safe Ocean by 2030?</td>
</tr>
<tr>
<td>VI-1</td>
<td>Which focus area is of the highest priority?</td>
</tr>
<tr>
<td>VI-2</td>
<td>For solving these issues, what is most needed?</td>
</tr>
<tr>
<td>VI-3</td>
<td>What needs support for a transparent and accessible ocean?</td>
</tr>
<tr>
<td>CD-1</td>
<td>Participation in regional ocean-related CD programs?</td>
</tr>
<tr>
<td>CD-2</td>
<td>Does your Institution have an Ocean Literacy Program?</td>
</tr>
<tr>
<td>CD-3</td>
<td>Average annual ocean science expenditure in your country.</td>
</tr>
<tr>
<td>CD-4</td>
<td>Will you engage in Ocean Science CD activities in 2021-2030?</td>
</tr>
</tbody>
</table>
Similarly, the following graphs present individual results of each survey:

**Question I-1** To achieve a clean ocean, which of the below should be the top priority to be addressed in the region throughout the Decade of Ocean Science?

- a. Marine Litter, including plastics and microplastic: 22 votes
- b. Sewage and wastewater discharge: 22 votes
- c. Agricultural runoff: 17 votes
- d. Integrated solid waste management: 19 votes

**Question I-2** What do you think should be the primary mechanism for capacity building and technology transfer for a clean ocean in the region?

- a. Partnerships between research institutions and organisations in the region: 26 votes
- b. Partnerships with research institutions and organisations in other regions: 10 votes
- c. Citizen science: 14 votes
- d. Creation of open access ocean science databases: 9 votes
- e. Training scientists and technicians through workshops and seminars: 12 votes
**Question I-3** Do you agree that the geopolitical and economic diversity of the Wider Caribbean Region challenges its objective to achieve a clean ocean?

- a. Strongly agree: 34
- b. Agree: 39
- c. Neutral: 5
- d. Disagree: 13

**Question I-4** In your opinion which of the following represent the biggest barrier to the achievement of a clean ocean in the region?

- a. Harmonized regional governance: 36
- b. National economic policy: 15
- c. Heavy dependence on tourism: 7
- d. Intraregional shipping: 4
- e. Limited financial resources: 16
Question II-1 Would you think sustainable development and social welfare in the West Tropical Atlantic region may be hampered by insufficient and reliable environmental information?

- Yes: 93
- No: 10

Question II-2 Do you think there are good sources of information for the sound management of coastal and marine resources in the West Tropical Atlantic region?

- Yes: 40
- No: 68
Question II-3 What could be the best strategy to promote the generation, sharing and use of information for the protection of coasts and oceans in the West Tropical Atlantic region?

- a. Establishing regional agreements
- b. Establishing a funding strategy
- c. Defining a network of environmental...
- d. Developing a clearing house...
- e. All of the above

Question II-4 Will you be committed to contribute and promote the generation of data and information to support decision making for assuring the provision of environmental services in the West Atlantic in the frame of the 2021-2030 U.N. Decade of Ocean Sciences for the
**Question V-1** Do you agree that data collection and innovation can enhance the sustainability of marine resource?

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<tr>
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**Question V-2** Do you agree, that policy measures needed for sustainable fisheries management are in place in the region, but the implementation has been inadequate?

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<td>Agree</td>
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<td>Disagree</td>
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<tr>
<td>Strongly disagree</td>
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</table>
Question V-3 Do you agree, that improving data collection and stakeholder participation will generate the information needed for good assessment of fisheries resources in the region?

- a. Strongly agree: 47
- b. Agree: 41
- c. Neutral: 2
- d. Disagree: 2
- e. Strongly disagree: 0

Question CC-YP-1 Among the different focus areas of the ECOP working group, which do you think is the highest priority?

- a. Capacity building (e.g. modules & workshops): 17
- b. Creating a global network of ECOPs: 19
- c. Connecting ECOPs to professional opportunities: 27
- d. Identifying capacity building and scientific gaps to guide the...: 47
Question CC-YP-2 As we work towards ECOP inclusivity across geographic and demographic groups, which of the following recruitment channels will be most useful?

- a. National governments
- b. Universities
- c. Existing professional networks
- d. Social media
- e. Conferences (i.e. side events, tabling)

Question CC-OL-1 What is the main priority among the 4 identified in the Ocean Literacy Strategy?

- a. Advancing policy
- b. Formal Education
- c. Corporate Action
- d. Community Engagement
Question CC-OL-2 What is the most important level of ocean literacy policy development?

- c. National: 70
- b. Regional: 60
- a. Global: 37

Question CC-PS-1 Coastal developing states in the Western Tropical Atlantic, and particularly Island States in the Caribbean have always depended on ocean resources for economic prosperity. To develop and sustain the blue economy in the Western Tropical Atlantic Ocean, th
Question CC-PS-2 What are the key sectors in the Western Tropical Atlantic Ocean economy that the private sector is willing to invest in?

- a. Fisheries and Aquaculture: 68
- b. Coastal and Marine Tourism: 122
- c. Marine Transport: 29
- d. Deep Sea Mining: 15
- e. Renewable energy: 58

Question III-1 This is feasible in:

- Long-term (5+ years): 30
- Mid-term (3-5 years): 47
- Short-term (1-3 years): 27

Question III-2 Most vital action needed:

- a. Funds: 25
- b. More observations and mapping: 20
- c. Open-data: 27
Question III-3 Who should take a leading role in this?

- a. GOs (including UN agencies) 27
- b. Universities 22
- c. Private Sector 1

Question IV-1 Mitigation requires observations, data and awareness.

- a. Strongly agree 93
- b. Agree 40
- c. Neither Agree or Disagree 2
- d. Don't Agree 0
- e. Strongly Disagree 0

Question IV-2 Biggest data related challenge for a safe ocean in the reg.:  

- a. Gathering 16
- b. Quality 11
- c. Open Accessibility 30
- d. Used for Policy and Decision Making 41
- e. Sustainable (Resourced) 10
Question IV-3 Highest regional priority for a Safe Ocean by 2030?

a. Scientific understanding of the threat: 6
b. Observation/Data/Alerts: 26
c. Partnerships and financing: 18
d. Capacity development: 10
e. Education, Outreach and…: 33

Question VI-1 Which focus area is of the highest priority?

a. Data and technology: 17
b. Information products and materials for…: 26
c. Information access system for…: 10
d. Standardization and best practices for…: 31
e. Data science to create products and…: 33

Question VI-2 For solving these issues, what is most needed?

a. Scientific understanding: 4
b. Increased observations/data and improved alerts: 21
c. Political engagement and articulation: 39
d. Education and Outreach: 17
Question VI-3 What needs support for a transparent and accessible ocean?

- a. Capacity building and technology transfer: 28%
- b. Partnerships and financing: 25%
- c. Access to information, data and knowledge: 34%
- d. Communication and awareness raising: 12%

Question CD-1 Participation in regional ocean-related CD programs?

- a. Yes: 84%
- b. No: 31%

Question CD-2 Does your Institution have an Ocean Literacy Program?

- a. Yes: 50%
- b. No: 44%
Question CD-3 Average annual ocean science expenditure in your country.

- a. Less than 0.5% of natural science expenditure.
- b. Between 0.5 and 2% of natural science expenditure.
- c. Between 2 and 10% of natural science expenditure.
- d. More than 10%

b. No 0
a. Yes 81

Question CD-4 Will you engage in Ocean Science CD activities in 2021-2030?

b. No 0
a. Yes 81
Finally, on the following table you will find the list of participants:

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