**Sixteenth Session of the Intergovernmental Coordination Group for the Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions**

 **(ICG/CARIBE EWS-XVI)**

**Hybrid**

**25-28 April 2023**

**Heredia, Costa Rica**

**ANNNOTATED AGENDA**

# WELCOME AND OPENING

1. The Sixteenth Session of the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (ICG/CARIBE-EWS-XIV) is scheduled from 25 to 28 April 2023, hosted in a hybrid format in Heredia, Costa Rica and online.
2. The Session will be opened on Tuesday, 25 April 2023 at 15:00 UTC, under the guidance of the Chair Dr Silvia Chacón Barrantes.
3. She will initiate the session warmly welcoming the participants (20 seconds). Anthony Murillo will then invite the following National Authorities of Costa Rica to deliver remarks (30 minutes):
* Mr. Francisco Gonzalez, Rector, Universidad Nacional
* Mr. Alejandro Picado, Presidente, Comisión Nacional de Prevención de Riesgos y Atención de Emergencias
* Mr. Rafael Gutierrez, Viceministro de Ambiente
1. Dr Chacón Barrantes will deliver her opening speech and will declare open the Sixteenth Session of the Intergovernmental Coordination Group for the Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Region.
2. Speech of the Chair Dr Silvia Chacón Barrantes (5 minutes)
3. Anthony Murillo will invite Mr. Alexander Leicht, Director and Representative, UNESCO Cluster Office in Costa Rica to address the session (10 minutes).

# ORGANIZATION OF THE SESSION

# ADOPTION OF AGENDA

1. The Chairperson will inform the Plenary that the Provisional Agenda ([Doc. ICG/CARIBE EWS-XVI/2.1 Prov.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28194)) was discussed at the call-conference of Officers of the ICG/CARIBE-EWS 31 January and 2 February 2023, taking into account the Recommendations and instructions given at [ICG/CARIBE-EWS-XV](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=22571), as well as the relevant parts of the IOC Rules of Procedures ([IOC/INF-1166](http://unesdoc.unesco.org/images/0012/001251/125186m.pdf)).
2. Dr Chacon Barrantes will offer the floor for Delegates to comment on the Provisional Agenda. (5 Minutes)
3. **The agenda will be approved as is or with changes as decided by Delegates.**

# DESIGNATION OF THE RAPPORTEUR(S):

1. The Chairperson will request Delegates to propose candidates for Rapporteur of the meeting. As customary the meeting is requested to choose one rapporteur for each of the languages of the meeting (English, French, and Spanish for this meeting). They will be supported by the Secretariat.

Delegates will elect one Rapporteur for each language of the meeting (5 Minutes).

# CONDUCT OF THE SESSION,TIMETABLE AND DOCUMENTATION

1. The Chairperson will recall that considering some ongoing challenges due to Covid-19 the Officers of the ICG/CARIBE EWS in agreement with the Secretariat decided to host this session in a hybrid format. The Secretariat then organised the session with the LingoCall platform including interpretation in English and Spanish. She will note that the session is organised for four (4) days with half day on 27 April 2023 dedicated to the work of Intra-sessional Working Groups.
2. She will inform the Plenary that in order to facilitate the proceedings of the meeting a Provisional Timetable has been prepared by the Secretariat in coordination with the Chair ([Document ICG/CARIBE EWS-XVI/2.3a Prov](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28199).) The Chairperson will advise that Ms. Alison Brome, Programme Officer for Tsunamis and Coastal Hazards, UNESCO/IOC and Caribbean Tsunami Information Centre (CTIC) will deputise Secretariat duties for Mr. Bernardo Aliaga, Technical Secretary, ICG/CARIBE EWS for the first day and a half of the session.
3. She will ask the Secretariat to introduce the documentation and other logistic details for the meeting.
4. Ms. Alison Brome will indicate that the meeting website includes all the documents required

for the meeting, as listed under the Provisional List of Documents ([Document ICG/CARIBE EWS-XVI/2.3b Prov](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28200)) (this document). It also includes National reports delivered by Barbados, Colombia, Costa Rica, France, Guatemala, Mexico, Nicaragua, Panama, Saint Lucia, St. Vincent and the Grenadines, United States of America, and Venezuela and each Member State has been allocated a maximum of 5 minutes for presentation including discussions. All documents and PowerPoint presentations can be downloaded from the meeting website.

 The Secretariat will ask all speakers presenting reports to the plenary, including national reports, to provide a succinct paragraph summarising the main aspects of their presentation and issues for discussion, to facilitate the reporting. Member States and other Delegates are reminded that the time allocations include questions, comments and discussion. Consequently if presentations run too long no discussion can be facilitated given the time constraints of the meeting. For discussions, online participants are encouraged to raise hands or place comments and questions in the chat box. In-person participants will be provided with the opportunity for feedback followed by online delegates.

 The meeting is being convened in hybrid format and translations will be provided for English and Spanish languages. Headsets have been distributed and are available from table to the rear of room. For those attending online, the Interpreter will conduct checks and provide guidance to ensure good connectivity.

 Washrooms are outside of the double doors. Wi-fi is available via Wyndham Herradura connection. Two breaks will be provided daily in the meeting room, and lunch will be served in the Tropicala Restaurant.

1. Dr Chacón Barrantes will indicate that in order to ensure the smooth the work of the session and facilitate the generation of recommendations and agreements the plenary is asked to set up intra-sessional Working Groups. Suggested Working Groups and Chairs are as follows:
2. CARIBE WAVE 2024 – Fabio Rivera (Costa Rica) with Secretariat support by Celine Tiffay, Project/Programme Assistant, UNESCO/IOC
3. Restructuring of ICG/CARIBE-EWS Working Groups – Chair, Mike Angove (USA) with Secretariat support provided by Bernardo Aliaga, ICG/CAIBE EWS, Technical Secretary
4. Elections Committee, Chair: Dr. Lorna Inniss
5. Recommendations Committee, Chair to be determined, with Secretarial support by Alison Brome, UNESCO/IOC-CTIC
6. Each of the intra-sessional working groups should elect a rapporteur for the plenary sessions. Working groups will meet on Thursday 28 April 2023, 8:00-12:30. The Chair will ask that Working Groups produce a recommendation for discussions by the ICG or re-draft the ones included under the inter-sessional Working Group and Task Teams reports, as needed.
7. The Chairperson will ask Member States nominate members to the WGs (5 minutes).
8. Dr Chacón Barrantes will recall that as customary each of the intra-sessional working groups will report to the plenary session under their respective agenda items. The Chair will also ask that intra-sessional Working Groups produce recommendations for discussion by the ICG or re-draft the ones included under the inter-sessional Working Group and Task Teams reports, as needed.
9. The Chairperson will request that while in plenary the time used to reporting is reduced as much as possible to concentrate on the exchange of views and decisions on policy matters. It is requested that the focus be on their main achievements and the expected areas of future work.
10. The Chair will recall to delegates that elections are due at this session. She will ask the Secretariat to recall the rules for elections of Officers. The Secretariat will indicate that nominations for Officers are due by 23:00 UTC (17:00 Costa Rica time) on Tuesday 25th April 2023, using Forms attached to the Circular Letter and supported by two Delegations on top of the proposing Delegation.

 The Chairperson will provide details on the welcome dinner and a post meeting social event planned for the evening of Friday 28 April.

1. The chairperson will then open the floor for comments from delegates on the Timetable. (5 minutes).
2. **The timetable will be approved as is or with changes as decided by Delegates.**

#  REPORT ON INTERSESSIONAL ACTIVITIES

# CHAIR’S REPORT

1. The Chairperson of ICG/CARIBE-EWS, Dr Silvia Chacón Barrantes will present her report, available as [Document ICG/CARIBE EWS-XVI/3.1.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28141) (15 minutes)
2. Member States may wish to provide comments on the report of the Chairperson.

# ICG/CARIBE-EWS SECRETARIAT REPORT

1. The Chair will point out that as per timetable this agenda item will remain as 3.2 but will be taken at 15:30 on Wednesday 26 April 2023. (1 minute)
	1. REPORT OF THE CARIBBEAN TSUNAMI INFORMATION CENTRE (CTIC)
2. Ms Alison Brome, Programme Officer for Coastal Hazards and the Caribbean Tsunami Information Centre (CTIC) will present her report, available as [Document ICG/CARIBE EWS-XV/3.3.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28178) (15 minutes).
3. Member States may wish to provide comments or questions on the report of CTIC, including on its recommendations.

# REPORTS FROM UN AND NON-UN ORGANIZATIONS (WORLD TSUNAMI AWARENESS DAY-WTAD) (total time available: 15 minutes)

1. The Chairperson will recall that the ICG has been successful in developing a wide and inclusive partnership policy. Several UN and non-UN organisations have accepted to become Permanent Observers to the ICG and will be invited under this agenda item to make oral statements or brief presentations (3 minutes maximum) for the benefit of the increased cooperation with the ICG. She will indicate that after all interventions from Permanent Observers have been delivered, time will be available for questions and answers. Attending Permanent Observers are:
2. We have 2 organisations with presentations to be delivered:
* United Nations Office for Disaster Risk Reduction on World Tsuanmi Awareness Day (Alison Brome, CTIC)
* EarthScope (Dan Mcnamara)

Other Permanent Observers include:

* PUERTO RICO SESIMIC NETWORK (PRSN)
* SEISMIC RESEARCH CENTRE (SRC)
* UNITED STATES GEOLOGICAL SURVEY ADVANCED NATIONAL SEISMIC SYSTEM NATIONAL EARTHQUAKE INFORMATION CENTER (USGS/ANSS/NEIC)
* WORLD DATA SERVICE (NOAA/NEIS/WDS)

# STATUS OF OTHER ICGs (5 minutes)

1. Dr Chacon Barrantes will indicate that due to the time restrictions this agenda item will be only informative. She will report on TOWS-WG and the other ICGs.

# NATIONAL REPORTS (60 minutes)

The Chairperson will advise that National Reports have been received from the

following Member States prior to the start of the session:

* BARBADOS
* COLOMBIA
* COSTA RICA
* FRANCE
* GUATEMALA
* MEXICO
* NICARGUA
* PANAMA
* SAINT LUCIA
* ST. VINCENT AND THE GRENADINES
* UNITED STATES
* VENEZUELA

Dr Chacon Barrantes will invite the Heads of Delegations to deliver their respective

national reports allocating a maximum of 5 minutes for each Member State. Time permitting, she will invite submissions from other Member States present at the meeting.

 The Plenary may wish to provide comments or questions on the national reports

presented.

# TSUNAMI SERVICES PROVIDER REPORT (PTWC)

1. Mr Charles McCreery, Director of the Pacific Tsunami Warning Centre (PTWC), will present this report (30 minutes).
2. Member States may wish to provide comments or questions on the report of PTWC.

# REPORT OF CARIBE WAVE 2023 (30 minutes)

1. The Chair will invite Dr Elizabeth Vanacore, Chair of the Task Team to make a virtual presentation on the report of the CARIBE WAVE 23 exercise, available as [Document ICG/CARIBE EWS-XVI/3.8](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28133). The floor will be open to comments from Delegates after this report.
2. Member States may wish to provide comments or questions on the report of CARIBE WAVE 2023
3. The Chairperson will remind delegates of the details of the Welcome Dinner arrangements. Dr. Chacon-Barrantes will thank participants for their active engagement and announce the

**END OF DAY ONE**

# WEDNESDAY 25 APRIL 2023

# DAY 2

# WORKING GROUP PROGRESS REPORTS

# PROGRESS REPORT OF WORKING GROUP 1 ON MONITORING AND DETECTION SYSTEMS (20 minutes)

1. Mr Daniel McNamara (USA), Chair of Working Group 1 (WG1), will present the report of WG1 available as [Document ICG/CARIBE EWS-XVI/4.1.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28190)
2. Member States may wish to provide comments or questions on the WG report, including on the recommendations.

# PROGRESS REPORT OF WORKING GROUP 2 ON HAZARD ASSESSMENT (20 minutes)

1. Mr Nicolas Arcos (USA), Chair of Working Group 2 (WG2), will present the report of WG2 available as Document [ICG/CARIBE EWS-XVI/4.2.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28093)
2. Member States may wish to provide comments or questions on the WG report, including on the recommendations on Page 6 of the above indicated document.

# PROGRESS REPORT OF WORKING GROUP 3ON TSUNAMI RELATED SERVICES (20 minutes)

1. Mr Emilio Talavera (Nicaragua), Chair of the Working Group 3 (WG3), will present the report of WG3 available as [Document ICG/CARIBE EWS-XVI/4.3](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28142).
2. Member States may wish to provide comments or questions on the WG report including on the recommendations.
	* 1. CAP in TEW (10 minutes)
3. A representative from World Meteorological Organisation (WMO) and Emilio Talavera

(Nicaragua) will present jointly on this agenda item.

 Member States may wish to provide comments or questions on the presentation.

# PROGRESS REPORT OF WORKING GROUP 4ON PREPAREDNESS, READINESS AND RESILIENCE (20 minutes)

1. Ms Christa von Hillebrandt Andrade (USA), Chair of Working Group 4 on Preparedness, Readiness & Resilience (WG4), will present the report of WG4 available as [Document ICG/CARIBE EWS-XVI/4.4.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28113)
2. Member States may wish to provide comments or questions on the WG report, including on the recommendations on Pages 5 and 6 of the above indicated document.

# POLICY MATTERS

# EXERCISE CARIBE WAVE 2024 (30 minutes)

1. Dr. Elizabeth Vanacore (USA), Chair of the Task Team on Caribe Wave, will present the report of the intersessional Task Team on CARIBE WAVE 2024, available as [Document ICG/CARIBE EWS-XVI/6.1.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28134)
2. Member States will be invited to provide comments with respect to the provisional date and scenarios for CARIBE WAVE 24, for the recommendation.

#  REPORT OF THE TASK TEAM

# ON TSUNAMI READY PROGRAMME (30 minutes)

#

 Mr. Fabian Hinds (Barbados) Co-Chair of the Tsunami Ready Task Team will present the report as available as [Document ICG/CARIBE EWS-XV/6.3.](https://oceanexpert.org/document/32069)

Member States may wish to provide comments or questions on the Task Team report including on the recommendations.

# REPORT OF TASK TEAM

# ON FUTURE GOALS AND PERFORMANCE INDICATORS (30 Minutes)

1. Ms Mary Rengifo (Colombia) Chair of the Task Team on Future Goals and Performance Indicators will present the report, available as [Document ICG/CARIBE EWS-XVI/6.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28195)7
2. Member States may wish to provide comments or questions on the Task Team report, including on the recommendations contained in the above indicated document.

# SPECIAL INVITED LECTURES: COMMUNITY BASED TSUNAMI AND OTHER COASTAL HAZARDS WARNING SYSTEM

5.1. COSTA RICA PRESENTATION ON COMMUNITY PREPAREDNESS (60 minutes)

1. Dr. Chacon Barrantes will introduce the representatives to provide the presentations on community preparedness in Costa Rica.
2. Member States may wish to provide comments or questions to the representatives of Costa Rica regarding their community preparedness programme and activities.
	1. TSUNAMI READY CEREMONIES (30 minutes)
3. Member States will be invited to participate in the Tsunami Ready ceremonies for the following communities in Costa Rica:
* Tivives
* Dominical, Dominicalito y Baru
* Playa Hermosa
* Puerto Jimenez

6.6 REPORT OF THE TASK TEAM

 ON UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT (90

 minutes)

1. Dr Chacon Barrantes will indicate that to enable a more extensive discussion on this

strategic and very relevant agenda item, we have placed it prior to the intra-sessional Working Group to allow Member States to participate fully in its discussions. She will ask Mr Mike Angove (USA) to introduce this item.

1. Mr Mike Angove (USA) will introduce and deliver this item.
2. Member States may wish to provide comments or questions on the Ocean Decade including any recommendations.
3. The Chairperson will recap briefly on the deliberations of Day 2 and remind Member States of the agenda for Day 3. The Secretariat will also provide any logistical arrangements for Day 3 including on the Intra-sessional Working Groups.

**Chairperson to announce END OF DAY TWO**

**THURSDAY 27 APRIL 2023**

**DAY 3**

3.2 ICG/CARIBE-EWS SECRETARIAT REPORT

1. The Technical Secretary for ICG/CARIBE-EWS, Mr Bernardo Aliaga, will present the

Report of the Secretariat, available as Document ICG/CARIBE EWS-XVI/3.2. (15 minutes).

1. Member States may wish to provide comments on the report of the ICG/CARIBE-EWS Secretariat.

# CENTRAL AMERICA TSUNAMI ADVISORY CENTER (CATAC) (30 minutes)

1. Wilfried Strauch, Senior Advisor of the Instituto Nicaraguense de Estudios Territoriales (INETER), which host the Central American Tsunami Advisory Centre (CATAC), will present this report, available as [Document ICG/CARIBE EWS-XVI/6.2.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28123)

Member States may wish to provide comments or questions on the report of CATAC.

# REPORT OF THE TASK TEAM

#  ON TSUNAMI PROCEDURES FOR VOLCANIC CRISES (30 minutes)

1. Ms Valerie Clouard (France), Chair of the Task Team on Tsunami Procedures for Volcanic Crises, will present the report, available as [Document ICG/CARIBE EWS-XVI/6.4](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28135).
2. Member States may wish to provide comments or questions on the Task Team report, including on the recommendation contained in the above indicated document.

# REPORT OF THE TASK TEAM ON TSUNAMI EVACUATION MAPPING (30 minutes)

1. Mr Norwin Acosta (Nicaragua), Chair of the Task Team on Tsunami Evacuation Mapping, will present the report, available as [Document ICG/CARIBE EWS-XV/6.5.](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=28198)
2. Member States may wish to provide comments or questions on the Task Team report including on the recommendations.

REPORTS OF THE INTRA-SESSIONAL WORKING GROUPS

1. The Chair will invite the Rapporteurs to report on the deliberations and recommendations

 of the intra-sessional working groups.

1. The Chairperson will recap briefly on the deliberations of Day 3 and remind Member

States of the agenda for Day 4. The Secretariat will also provide any logistical arrangements for Day 4.

**Chairperson to announce END OF DAY THREE**

**FRIDAY 28 APRIL 2023**

**DAY 4**

# PROGRAMME AND BUDGET FOR 2020‑2021 (10 Minutes)

1. The Chairperson will indicate that this item will be only informational. She will ask the Technical Secretary to report on the status of regular funding from UNESCO for the Tsunami Unit and in particular for the ICG/CARIBE EWS.
2. The Chairperson will open the floor for comments from Member States.

# NEXT SESSIONS (10 Minutes)

# CONFIRMATION OF DATE AND PLACEOF ICG/CARIBE-EWS-XVII and XVIII

1. The Chairperson will report that Haiti had indicated that they will consider hosting the 15th session but that due to the pandemic the XV session was organised as an online session.
2. She will also recall that Aruba and Cuba had indicated that they will consider hosting the 16th/17th session, noting that Cuba confirmed at the XIV session its proposal and intent to host the 16th Session of the ICG/CARIBE EWS, however due to the pandemic and other logistical reasons these sessions did not occur as planned. Dr. Chacon-Barrantes will also recall Costa Rica’s willingness to host this 16th Session at late notice and some indicated interest from Barbados in hosting a future session of the ICG/CARIBE EWS.
3. Dr Chacon Barrantes will invite the representatives of Haiti, Cuba, Aruba and Barbados to indicate if they are willing to host the XVII session (2024).
4. The Group will be requested to confirm date and place for ICG/CARIBE EWS-XVII, also considering the dates for CARIBE WAVE 24.

# TARGET DATE FOR ICG/CARIBE-EWS-XVIII

1. Dr Chacon Barrantes will invite the representatives of Haiti, Cuba, Aruba and Barbados to indicate if they are willing to host the XVIII (2025) session.
2. The Group will be requested to confirm date for ICG/CARIBE EWS-XVIII (2025).

# ELECTIONS (90 Minutes)

1. The Chairperson will introduce this item recalling the role of the Chairman. During the procedure, she shall declare the opening and closing of each session, direct the discussions and ensure observance of the Rules of Procedure, accord the right to speak, put questions to the vote and announce decisions. The Chairperson shall rule on points of order and, subject to these Rules, shall control the proceedings and maintain order and shall strive to work by consensus (Rule 38).
2. She will ask the Chair of the Elections Committee to report on the deliberations of the Committee.

# ANY OTHER BUSINESS (10 Minutes)

# ADOPTION OF DECISIONS AND RECOMMENDATIONS (80 Minutes)

1. Based on the reports of the Working Groups and discussions at the Sessions, the ICG will discuss and adopt on the screen (only in English) the Recommendations of the session.
2. After the Adoption of recommendations, the Chair will conduct the process of confirmation or modification of the Terms of Reference for Working Groups and Task Teams, including the election of Chairs and Vice-Chairs of Working Groups and Task Teams as required (incumbents are elected for 2 years renewable once). The following Working Groups and Task Teams are in functions:

Working Groups:

* Working Group 1 on Monitoring and Detection Systems:
* Chair: Dan McNamara (USA), 2019- 2023 to be replaced
* Vice-Chair (Seismology): Wilfried Strauch (Nicaragua), 2019- 2023 to be replaced
* Vice-Chair (Sea Level): Laura González (Colombia) – 2021 - 2023 to be renewed
* Vice-Chair (GNSS): Gloria Romero (Venezuela) 2021-2023 – to be renewed
* Working Group 2 on Hazard Assessment:
* Chair: Nicolas Arcos (USA), 2018- 2023 to be replaced
* Vice-Chair: Raphaël Paris (France), (2021 – 2023 to be renewed
* Working Group 3 on Tsunami Related Services:
* Chair: Emilio Talavera (Nicaragua), 2018-2023 to be replaced
* Vice-Chair (Technology and communications platform for alerts): Ana Pérez (Venezuela) 2021 – 2023 to be renewed
* Vice-Chair (Protocols for end to end communication and dissemination of warnings): Elizabeth Vanacore (PRSN, USA) 2018-2023 to be replaced)
* Working Group 4 on Preparedness, Readiness and Resilience:
* Chair: Christa von Hillebrandt Andrade (USA), 2018-2023 to be replaced
* Vice-Chair (Resilience): Patrick Tyburn (France), 2018- 2023 to be replaced
* Vice-Chair (Public Awareness): Jose Antonio Aguilar (Venezuela), 2020 – 2023 to be renewed

Task Teams:

* Task Team Tsunami Ready
* Co-Chair: Fabian Hinds (Barbados) 2021- 2023 to be renewed
* Co-Chair: Matthieu Peroche (France) 2021 – 2023 to be renewed
* Task Team Caribe Wave 20
* Elizabeth Vanacore (USA), 2017- 2023 to be replaced
* Task Team Volcanic Sources
* Chair: Valerie Clouard, (France), 2018-2023 to be replaced
* Task Team Tsunami Evacuation Mapping
* Chair: Norwin Acosta (Nicaragua), 2018-2023 to be replaced
* Task Team on Future Goals and Performance Indicators
* Chair: Mary Rengifo (Colombia), 2019-2023 to be replaced
* Vice-Chair: Wagner Rivera (Dominican Republic,) 2019- to be replaced
* Task Team on the UN Decade of Ocean Science for Sustainable Development
* Marie Noelle Raveau (France) 2021– 2023, TT or ICG to elect a chair
	+ - Mike Angove (USA) 2021– 2023 TT or ICG to elect a chair
		- Ileana Osorio Acosta (Venezuela) 2021– 2023 TT or ICG to elect a chair
* Group of Experts on the Work and Implementation Plan to Enhance the Warning System by including Other Coastal Hazards
* Chair: vacant
* Vice-Chair: Elizabeth Riley (CDEMA), 2018-2023 to be replaced

# CLOSE OF THE SESSION (10 Minutes)

 The closing session of the meeting will begin at 21:30 UTC on Friday 28 April 2023.