



Working Group on Tsunamis and Other Hazards Related to Sea-Level Warning and Mitigation Systems (TOWS-WG)

Online Fifteenth Meeting

24 (17:00-20:00 UTC) – 25 (12:00-15:00 UTC) February 2022

ANNOTATED AGENDA

DAY 1

1. OPENING AND WELCOME 17:00 –17-30

1.1 OPENING

1. The Chairperson, Mr Alexander Frolov, will open the meeting and welcome the participants. In his opening remarks he will draw attention to:

- Item 1
- Item 2

2. Mr Vladimir Ryabinin, Executive Secretary of IOC, will provide welcoming remarks. He will highlight:

- Item 1
- Item 2

1.2 ADOPTION OF AGENDA

3. The agenda proposed for adoption is given in [Annex I](#).

1.3 WORKING ARRANGEMENTS

4. Technical Secretary Mr Bernardo Aliaga will indicate that all PPTs will be presented from one computer to minimize technical difficulties.

5. He will explain that to ask questions or intervene during the session participants would need to put its camera on and physically raise the hand. For the reminder of the meeting everybody is kindly asked to put its camera off.

6. He will note that all documents and presentations delivered at this meeting are available from the following website: <https://oceanexpert.org/event/3334>.

2. REPORTS FROM PARTICIPANT BODIES 17-30– 19:30

2.1 REPORT FROM IOC BODIES (17-30– 18:30)

7. Chair TOWS-WG may wish to suggest that the Group first listen to the presentations of the four Intergovernmental Coordinating Bodies, and then he will open the floor for comments and questions from the Members and Observers in that order.

2.1.1 Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (CARIBE-EWS)

8. Ms Silvia Chacon Barrantes (Costa Rica), Chair of the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (ICG/CARIBE-EWS), will report on this item.

2.1.2 Indian Ocean Tsunami Warning and Mitigation System (IOTWMS)

9. Prof. Dwikorita Karnawati (Indonesia), Chair of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS will report on this item.

2.1.3 Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and Connected Seas (NEAMTWS)

10. Ms Maria Ana Baptista (Portugal), Chair of the Intergovernmental Coordination Group for Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and Connected Seas (ICG/NEAMTWS). will report on this item.

2.1.4 Pacific Tsunami Warning and Mitigation System (PTWS)

11. Chair will welcome the recently elected Chair of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS), Mr Yuji Nishimae (Japan) who will report on this item.

12. After the presentation of the four (4) reports, Chair will open the floor for comments and questions from Members and Observers, in that order.

2.1.5 International Oceanographic Data and Information Exchange (IODE)

13. Chair will invite Mr Sergey Belov, Co-Chair IODE, Deputy Director All-Russian Research Institute Hydrometeorological Information to report. He will refer also to the review of the IOC Oceanographic Data Exchange Policy.

2.1.6 Global Ocean Observing Systems (GOOS)

14. Chair will invite Dr John SIDDORN, GOOS Steering Committee member, National Oceanography Centre, Southampton to provide a report including on Ocean Decade Programmes (close sub-item 2.1. at 18:30 UTC)

2.2 REPORT OF NON-IOC BODIES

18:30 – 19:20

2.2.1 World Tsunami Awareness Day (UNDRR)

15. Ms Celinda Cook, External Relations Officer, United Nations Office for Disaster Risk Reduction (UNDRR) will report on this item.

16. After her intervention, Chair will open the floor for comments and questions from Members and Observers, in that order, noting both the Task Team on Disaster Management and Preparedness and the Task Team on Tsunami Watch Operations did address this matter and they that will be reporting on Friday. TT DMP may include World Tsunami Awareness Day (WTAD) among its recommendations.

17. Prior to WMO presentations, the Chair will shortly inform on the upcoming JCB meeting and on a joint initiative to establish a framework for a global early warning system for coastal ocean flooding caused by storm surges, extreme waves and tsunamis.

2.2.2 World Meteorological Organization (WMO).

18. Mr Hassan Haddouch, Mr Cyrille Honoré and Ms Sarah Grimes will report on this item.

19. As usual, the WMO presentation will have 3 components between the infrastructure, marine services and DRR aspects. Mr Cyrille Honore may present WMO work with UNDRR on a project aiming at developing Sendai Monitor custom indicators that States could use to report on their MHEWS effectiveness and efficiency (funded by CREWS as it would help LDCs and SIDS in particular).

20. Chair TOWS-WG may invite other non-IOC Bodies to provide an update on their work and cooperation with IOC and the Tsunami Programme. Other confirmed participants from non-IOC Bodies are:

- Mr Christopher JANUS, Chair of the IHO Worldwide Navigation Warning Service (WWNWS), Branch Chief, NGA Maritime Watch NAVAREA IV/XII.
- Dr Maria Ana Baptista (Portugal) as representative of the IUGG Joint Tsunami Commission

(close sub-item 2.2. at 19:30 UTC)

3. REVIEW OF PROGRESS

19:30 – 20:00

3.1 STATUS OF IMPLEMENTATION OF DECISION IOC-XXXI/3.4.1

21. Mr Bernardo Aliaga will report briefly on Decisions adopted at the 31st IOC Assembly (June 2021) and will report on status of implementation of those decisions and recommendations.

22. After the presentation of Mr Aliaga's report, Chair TOWS-WG will open the floor for comments and questions from Members and Observers, in that order

Close item 3 and close for the day at 20:00 UTC

DAY 2

4. REPORTS OF THE INTER-ICG TASK TEAMS

12:00 –13:00

Chair TOWS-WG will invite the Chairs of the Inter-ICG Task Teams to present their reports, starting with Mr David Coetzee, Chair of the Inter-ICG Task Team on Disaster Management and Preparedness. He may indicate that the floor for comments and questions will be open after the end of the second presentation.

4.1 INTER-ICG TASK TEAM ON DISASTER MANAGEMENT AND PREPAREDNESS

23. Mr David Coetzee, Chair of the Inter-ICG Task Team on Disaster Management and Preparedness which met online on 21 and 22 February 2022 will report on the outcome of the session.

4.2 INTER-ICG TASK TEAM ON TSUNAMI WATCH OPERATIONS

24. Mr Charles McCreery Chair of the Inter-ICG Task Team on Tsunami Watch Operations which met online on 21 and 22 February 2022 will report on the outcome of the session.
25. Chair TOWS-WG will invite comments and questions from Members and Observers on the reports of both inter-ICG Task Teams
26. Draft Decisions and Recommendations discussion and approval.
27. Secretariat will be asked to project the Recommendations from the Task Team on Disaster Management and Preparedness and the Task Team on Tsunami Watch Operations (in that order), for discussion/approval on the screen. (close item 4. at 13:00 UTC)

5. UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT 13:00– 14:30

28. Chairperson will invite Mr Julian Barbieri, Head Marine Policy and Regional Coordination Section and IOC Focal Point for the UN Ocean Decade to report on this item to provide an overview of the status of the UN Ocean Decade implementation.

5.1 REPORT ON THE PROGRESS OF PREPARATION OF THE DRAFT 10-YEAR SCIENCE PLAN

29. TOWS-WG Chair will invite Dr Srinivas Kumar Tummala (India), as Chair of the Scientific Committee to report on progress and next steps.
30. After the report TOWS-WG Chair will invite comments from Members and Observers.

5.2 TORS FOR THE TSUNAMI READY COALITION

31. TOWS-WG Chair will then invite Chair of TT DMP David Coetzee (New Zealand) to present the proposal on Terms of Reference for the Tsunami Ready Coalition. Mr Coetzee will refer to the report of TOWS-WG TT DMP Meeting on the Tsunami Ready Coalition, organised on 4 October 2021 to consider and advise on views about the mandate, composition, and rules/procedures of a special Coalition for Tsunami Ready, as per the IOC Decision A-31/3.4.1
32. After the report TOWS-WG Chair will invite comments from Members and Observers.

5.3 TORS FOR THE TOWS-WG

33. TOWS-WG Chair will introduce this agenda item. Mr Frolov will refer to the IOC Assembly Decision A-31/3.4.1 on governance structure for the UN Decade Tsunami Programme.

34. After the report TOWS-WG Chair will invite comments from Members and Observers.

5.4 REVIEW OF CONTRIBUTIONS TO THE DECADE ON THE TSUNAMI ISSUES

35. Secretariat will introduce this agenda item.

36. After the report TOWS-WG Chair will invite comments from Members and Observers in that order.

37. Expected interventions:

- Chair TT TWO to recall recommendation of TT TWO on UN Decade
- Chair TT DMP to recall recommendation of TT DMP on UN Decade
- Other Members (IOC and non-IOC bodies) and Observers

38. Draft Recommendation discussion and approval. When interventions and dialog ends, TOWS-WG Chair may invite the Secretariat to project the Draft Decision on the UN Decade, as a result of blending the proposals from ICG Chairs and TT DMP and TT TWO Chairs related to UN Decade, for discussion/approval on the screen.

6. OTHER ISSUES 14:30– 15:00 (including additional items below)

39. No other issues have been reported at this time.

7. DATE AND PLACE OF THE NEXT MEETING

40. The Chair and Technical Secretary will establish the date and place of the 16th meeting of TOWS-WG. Assuming the sanitary measures and travel restrictions are lifted, the proposed date for TOWS-WG-XVI is during the week of February 20-24, 2023

8. CLOSURE OF MEETING

41. The Fifteenth meeting of TOWS-WG (online) should close at 15:00 UTC on 25 February 2022.

ANNEX I

AGENDA

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- 4. REPORTS OF THE INTER-ICG TASK TEAMS**
 - 4.1 INTER-ICG TASK TEAM ON DISASTER MANAGEMENT AND PREPAREDNESS
 - 4.2 INTER-ICG TASK TEAM ON TSUNAMI WATCH OPERATIONS
- 5. UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT**
- 6. OTHER ISSUES**
- 7. DATE AND PLACE OF THE NEXT MEETING**
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