

Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS)

Sub-regional Working Group North-West Indian Ocean

1. Terms-of-Reference

Liaise with other working group(s) and task team(s) within the ICG/IOTWMS and with working groups from the other ocean basins through the TOWS-WG to:

- 1. Evaluate capabilities and ascertain capacity building requirements of Member States in the region for providing end-to-end tsunami warning and mitigation services within the framework of the ICG/IOTWMS and within a multi-hazard framework.
- 2. Facilitate cooperation in the establishment and upgrading of seismic, sea level and GNSS stations and networks and communication systems in the region.
- 3. Facilitate the capacity building and the sharing of the tsunami-related data and information in the region.
- 4. Establish and maintain procedures for National Tsunami Warning Centres (NTWCs) across the region to exchange information on national tsunami warnings, observations, and impacts during events.
- 5. Support the WG3 effort to implement the Tsunami Ready Recognition Program in the region.

2. Membership

The Sub-regional Working Group for the North-West Indian Ocean is composed of members representing National Tsunami Warning Centres and Tsunami Ready Focal Points from each of the Member States of India, Iran, Oman, Pakistan, United Arab Emirates, and Yemen in the North-West Indian Ocean region and invited experts.

- Chair: Ms V Sunanda Manneela (India), sunanda@incois.gov.in
- Vice-Chair: Mr Nasser Al Ismaili (Oman), Nasser.Ismaili@caa.gov.om
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3. Actions from ICG/IOTWMS-XIV

Banten, Indonesia, 17-19 November 2024

ICG-XIV/WG-NWIO(i) Progress data sharing amongst the North-West Indian Ocean countries, and with the TSPs.

ICG-XIV/WG-NWIO(ii) Formulate a regional Paleo-tsunami study proposal for possible funding and contribution to the UN Ocean Decade Tsunami Programme.

ICG-XIV/WG-NWIO(iii) Extend the inundation and evacuation maps, as developed for the pilot areas under the UNESCAP project, to the other areas of NWIO region in line with the results of the hazard assessments towards implementation of the UNESCO-IOC Tsunami Ready Recognition Programme.

ICG-XIV/WG-NWIO(iv) Facilitate on-the-job training for National Tsunami Warning Centre representatives.

4. Rules and Conditions

The following rules and conditions apply to all working groups and Task Teams of the Intergovernmental Coordination Group of the Indian Ocean Tsunami Warning & Mitigation System (ICG/IOTWMS):

- Working language: English
- Frequency of meetings: During inter-sessional period of the ICG/IOTWMS
- Coordination and elections: Following the rules of procedures applying to IOC subsidiary bodies, unless elected by the ICG/IOTWMS, a chair and at least one vice-chair will be elected by the members of the working group or task team for two years with possible reelection of one term in the same position
- Members and appointment: Nominated by Heads of ICG/IOTWMS National Delegations and/or Tsunami National Contacts of Member States in accordance with the rules of procedures applying to IOC subsidiary bodies. Technical experts and observers can be invited at the discretion of the chair
- Duration of the working group and task teams: Two years, renewable subject to review by the ICG/IOTWMS

- Programme of inter-sessional work is guided by its Terms-of-Reference decided by the ICG/IOTWMS and actions requested by the ICG/IOTWMS
- Inter-sessional work is generally conducted by email and teleconference, in addition to at least one face-to-face meeting subject to availability of members and budget
- Reports: A progress report must be submitted to the Secretariat two months before each ICG session and within two months of each working group or task team meeting with the assistance of the Secretariat.
- Financial resources: Participation in the working groups and task teams, including attendance at meetings, will be at national expense.

5. Reference Documents

Summary Report of the Fifty-seventh session of the IOC Executive Council, Paris, France, 25-26 June 2024: https://oceanexpert.org/document/34751

Summary Statement from 2nd UNESCO-IOC Global Tsunami Symposium, Banda Aceh, Indonesia, 11-14 November 2024: https://oceanexpert.org/document/35594

Summary Report of the Seventeenth Meeting of the Working Group on Tsunamis and Other Hazards related to Sea Level Warning and Mitigation Systems (TOWS-WG-XVII) Sendai, Japan, 22–23 February 2024: https://oceanexpert.org/document/34558

Decisions of the 14th Session of the ICG/IOTWMS, Banten, Indonesia,17-19 November 2024: https://oceanexpert.org/document/35572

ICG/IOTWMS WG-NWIO Meeting Report, 22 July 2024:

https://oceanexpert.org/document/35118

ICG/IOTWMS Steering Group Meeting Report, 5-6 February 2024: https://oceanexpert.org/document/34628

2024 Capacity Assessment of Tsunami Preparedness in the Indian Ocean: https://oceanexpert.org/document/35564

Exercise Indian Ocean Wave 23 (IOWave23) Report: https://oceanexpert.org/document/35232