

WORKING GROUP 3 TSUNAMI READY IMPLEMENTATION GOVERNMENT, TOR, AND PLAN

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The Agency for Meteorology, Climatology, and Geophysics



WG 3 GOVERNMENT

Chair: Ms. Suci Dewi Anugrah (Indonesia)

Vice-Chair: Veronique (Seychelles)

Members:

1. Ms. Noura Salim AL KAABI (Oman)
2. Septa Anggraini (Indonesia)
3. TBC : (Oman)
4. TBC : (Australia)
5. TBC : (India)
6. TBC : Rina (Madagaskar)
7. Chair of WG1
8. Chair of WG2
9. Chair of RWG NW Indian Ocean
10. Ardito M Kodijat (Indonesia)



TERM of REFFERENCESS

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. Monitor and evaluate the implementation Tsunami Ready Recognition Programme, National Warning Chains, and related activities to deliver tsunami resilient and prepared communities for the Indian Ocean
2. Provide guidance on tsunami hazard and risk assessment, including for tsunamis generated by non-seismic and complex sources.
3. Provide guidance to Member States on reviewing and enhancing national tsunami warning chains.
4. Provide guidance on how to nationally initiate IOC-UNESCO Tsunami Ready Recognition Programme (TRRP) and similar initiatives
5. Facilitate sharing of experiences between Member State Tsunami Ready Focal Points (TRFPs)
6. Update Member States on IOC-UNESCO TRRP developments and other related initiatives
7. Develop exercise tools and coordinate implementation of IOWAVE Exercises and other drills as required
8. In collaboration with IOC-UNESCO IOTIC and IOC-UNESCO Secretariat for ICG/IOTWMS, identify capacity development and resource needs of Member States to implement TRRP, national tsunami warning chains, and related activities
9. Assist with training programmes of Member States implemented by IOC-UNESCO IOTIC and coordinated by IOC-UNESCO ICG/IOTWMS Secretariat to facilitate enhanced national tsunami warning chains and at-risk communities becoming resilient and prepared for tsunamis
10. Provide an annual report on Tsunami Ready implementation to the Steering Group



Criteria for Working Group Membership

In addition to a good working knowledge of the operation of the IOTWMS, specific criteria for Working Group 3 Tsunami Ready Implementation membership include **significant experience in one or more criteria listed below:**

- Principles and operations of a disaster management organisation and emergency response.
- Principles and implementation of national warning chains, and/or exercises, preferably with respect to tsunami warning and mitigation.
- Principles of the [UNESCO-IOC Tsunami Ready Recognition Programme \(TRRP\)](#) required to be nominated as a National Tsunami Ready Focal Point (TRFP) by the Tsunami National Contact for a Member State.



PLAN BASED ON THE RECOMMENDATION OF THE 13th ICG/IOTWMS SESSION

1. Provide guidance on tsunami hazard and risk assessment, including for tsunamis generated by non-seismic and complex sources
2. Develop guidelines on how to nationally initiate IOC-UNESCO Tsunami Ready Recognition Programme and similar initiatives.
3. Facilitate coordination and sharing of experiences between Member State through the establishment of Tsunami Ready Focal Points (TRFPs), **we are now in the initial stage on advocating Thailand for establishing the National Tsunami Ready Board, and conducting the Tsunami Ready Program**
4. Assist with the sharing and development of community awareness materials, including for tsunamis generated by non-seismic and complex sources
5. Update Member States on IOC-UNESCO Tsunami Ready Recognition Programme developments and other related initiatives. **(TRR: 2 communities from India, 9 communities from Indonesia, workshop in Maldives with IOTIC)**
6. Identify capacity development and resource needs of Member States for implementing IOC-UNESCO Tsunami Ready Recognition Programme



ICG/IOTWMS Tsunami Ready Focal Point (TRFP) Criteria

Definition: The Tsunami Ready Focal Point (TRFP) is a Member State point of contact (person) officially designated by the Tsunami National Contact (TNC) to liaise with UNESCO-IOC Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS) through the UNESCO-IOC Secretariat on the implementation of the UNESCO-IOC Tsunami Recognition Programme (TRRP), or a recognized similar national initiative, to help make at-risk communities prepared and resilient to any tsunami threat within their Member State

Significant experience or expertise in one or more of the following criteria:

1. Developing community preparedness against natural hazards, preferably the tsunami hazard.
2. Understanding of evacuation planning and procedures implementation.
3. Understanding of the requirements, protocols, and Standard Operating Procedures (SOP) for national tsunami warning chains.
4. Training of at-risk communities in responding to natural hazards, including the planning and implementation of community exercises.
5. Strong leadership and/or advocacy for helping make at-risk communities prepared and resilient to natural hazards, preferably the tsunami hazard.
6. Member of National Tsunami Ready Board (NTRB) or similar national body responsible for coordinating the implementation of the [UNESCO-IOC Tsunami Ready Implementation Programme \(TRRP\)](#) if already exist, or a similar initiative



The Role of the TRFP

- a) Act as a national advocate for national implementation of the TRRP or a recognized similar initiative to help make at-risk communities prepared and resilient to any tsunami threat within their Member State.
- b) Actively contribute to the national implementation of the TRRP or a recognized similar initiative.
- c) Routinely update the UNESCO-IOC ICG/IOTWMS on the status of the national implementation of the TRRP or a recognized similar initiative.
- d) Inform relevant national authorities and organisations involved in the implementation of the TRRP or a recognised similar initiative on any information and/or updates provided by UNESCO-IOC on activities related to making at-risk communities Tsunami Ready.



TSUNAMI READY RECOGNITION IN THE INDIAN OCEAN

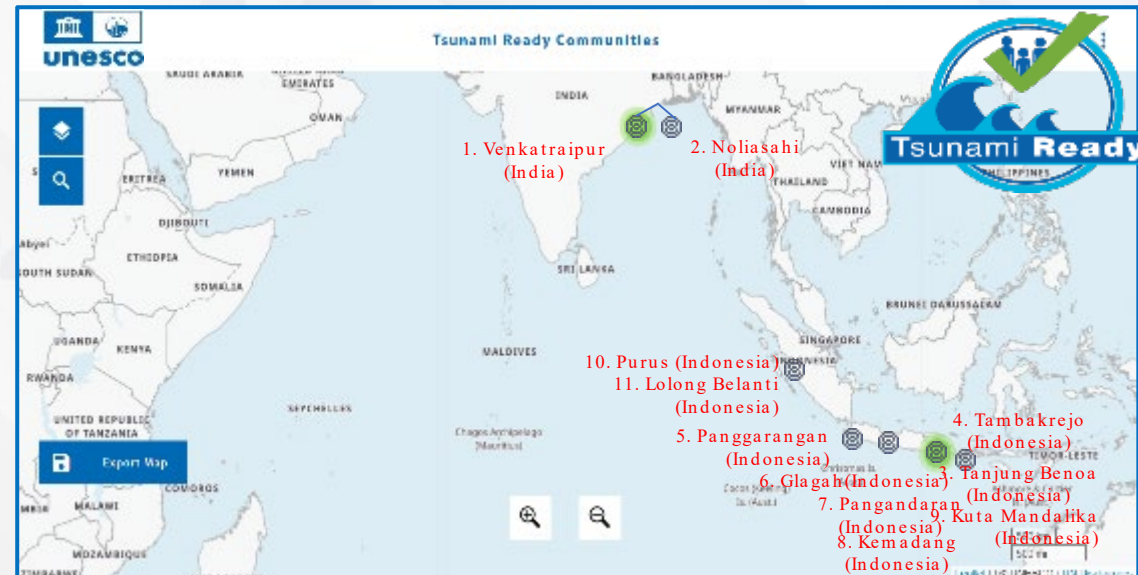
- **11 communities have been recognized as UNESCO-IOC Tsunami Ready, Noliasahi and Venkatraipur (India), and Tanjung Benoa, Panggarangan, Glagah, Tambakrejo, Pangandaran, Kemadang, Kuta Mandalika, Purus and Lolong Belanti (Indonesia).**
- Other countries looking to implement include **Oman, Sri Lanka, Australia, Thailand and Timor Leste**
- **Non-seismic generated tsunami** should be considered in the 12 indicators for Tsunami Ready
- Need to consider **Tsunami Ready Implementation for critical infrastructure**



The Inauguration of 2 Tsunami Ready Communities in India in 2020



The Inauguration of 9 Tsunami Ready Communities in Indonesia in 2022



TSUNAMI COMMUNITY PREPAREDNESS TRAINING COURSE 2022

- 4-11 Dec 2022 , Citeko Bogor
- 30 participants
- Indonesia, Bangladesh, Malaysia, Thailand, Maldives, Philippines, Seychelles



WORKSHOPS/MEETING RELATED to/in support of WG3

1. 3rd – 6th July: Hybrid Western Indian Ocean SOP Training Workshop.
2. 10th – 13th July: Hybrid Eastern Indian Ocean SOP Training Workshop
3. 9th – 10th August 2nd Online 1st Meeting of WG3 ICG/IOTWMS Tsunami Ready Implementation
4. 29th – 31st October, UNESCAP Project *Inundation Mapping Workshop
5. 29th October – 2nd November, UNESCAP Evacuation Planning Training Workshop
6. 22nd – 25th November, Hybrid Western Indian Ocean Tsunami Warning & Preparedness Workshop, Seychelles
7. 27th November – 28th November, Seychelles Tsunami Ready Training Workshop, Seychelles





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Thank you



Tsunami Warning Focal Points (TWFPs)

- The Tsunami Ready Focal Point (TRFP) is a point of contact (office, operational unit or position, not a person) officially designated by the National Tsunami Warning Centre (NTWC) or the government to receive and disseminate tsunami ready program information from the ICG/IOTWMS. The TRFP may or not be the NTWC/NDMO.
- The role of the TWFP is summarised as follows:
 - Reception of the messages transmitted by the ICG/IOTWMS
 - Evaluate and issue The Tsunami Ready Program and other similar initiative



19 November 2023

