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WORKING GROUP 3
Tsunami Ready Implementation

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Meeting of ICG/IOTWMS Steering Group)
5-6 February 2004, Hyderabad, India

TOR WG 3 TSUNAMI READY IMPLEMENTATION

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, Provide guidance on tsunami hazard and risk assessment, including for tsunamis generated by non-seismic and complex sources.
2. Provide guidance to Member States on reviewing and enhancing national tsunami warning chains.
3. Provide guidance on how to nationally initiate IOC-UNESCO Tsunami Ready Recognition Programme (TRRP) and similar initiatives
4. Facilitate sharing of experiences between Member State Tsunami Ready Focal Points (TRFPs),
5. Update Member States on IOC-UNESCO TRRP developments and other related initiatives
6. Develop exercise tools and coordinate implementation of IOWAVE Exercises and other drills as required
7. 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
8. 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
9. Provide an annual report on Tsunami Ready implementation to the Steering Group

1st WORKING GROUP 3 MEETING

Intersessional Meeting of ICG/IOTWMS Working Group 3 on Tsunami Ready Implementation, 24 August 2023

- The first Intersessional Meeting of ICG/IOTWMS Working Group 3 on Tsunami Ready Implementation had been conducted on 24 August 2023
- Decision: to have a nomination of the National Tsunami Ready Focal Point (NTRFP) trough issuing the circular letter
- Several MS has gave a feed back to nominate the NTRFP
- Expecting to have NTRFP meeting

IOC-UNESCOTSUNAMI READY RECOGNITION IN THE INDIAN OCEAN

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INDIA:
1. Venkatraipur
2. Noliasahi

INDONESIA:
1. Tanjung Benoa Village - Badung
2. Glagah Village - Kulonprogo
3. Kemadang Village - Gunung Kidul
4. Pangandaran Village - Pangandaran
5. Panggarangan Village - Lebak
6. Desa Tambakrejo - Malang
7. Kuta Mandalika Village - Lombok Tengah
8. Purus Village - Padang Barat
9. Lolong Belanti Village - Padang Utara

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Certificate of Recognition

Nagari Tapakih
Padang Pariaman, West Sumatera - Indonesia

For successfully implementing the UNESCO IOC Tsunami Ready Recognition Programme
20 December 2023

Vladimir Ryabinin, PhD
Executive Secretary of IOC
Assistant Director-General of UNESCO

Prof. Dr. Dwikorita Karnawati
Chair
Indonesian National Tsunami Ready Board

Prof. Dr. Dwikorita Karnawati
Chair
UNESCO-IOC Intergovernmental Coordination Group for Indian Ocean Tsunami Warning and Mitigation System

One community had been recognized as IOC-UNESCO Tsunami Ready in 2024. Now there are 12 communities of the IO had been recognized

COMMUNITIES PLANNED TO BE RECOGNIZED

9 communities had ben nationally recognized in Indonesia

1. Sidaurip, Cilacap
2. Pangastulan
3. Parangtritis
4. Tirtohargo
5. Srigading
6. Sari
7. Poncosari
8. Hative Kecil, Ambon
9. Desa Galala, Ambon

3 communities had been nationally verified:

- Cikakak, Sukabumi, Jawa Barat
- Citepus, Sukabumi, Jawa Barat
- Krakatau Sarana Properti, Banten

Seychelle Tsunami Ready Communities in the iniatial process of the Tsunami Ready Recognition Program

OCEAN TEACHER GLOBAL ACADEMY

Training on the Tsunami Community Preparedness

Date : 4-11 December 2022
Participant : 30 orang (Indonesia, Thailand, Seychelles, Filipina, Malaysia, Bangladesh)
Participant Composition: Community and Disaster PreparednessPlayer

CAPACITY DEVELOPMENT ACTIVITIES IN 2023

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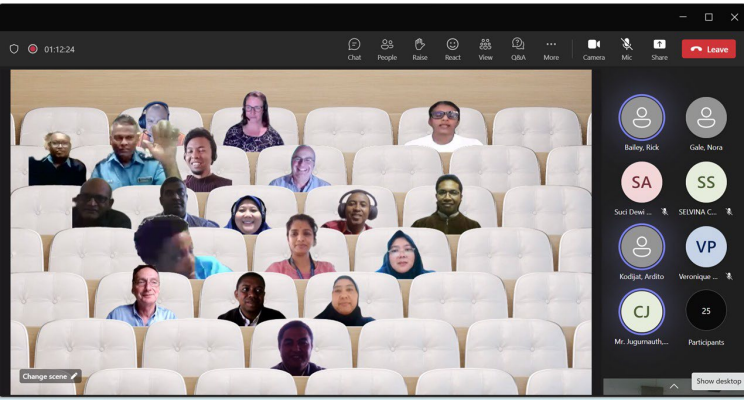
No	Activities	Date
1	SOP Workshop for the West Indian Ocean	03-06 July
2	SOP Workshop for the Eastern Indian Ocean,	10-13 July 2023
3	SOP Workshop for the North West Indian Ocean,	7-8 August 2023
4	Tsunami Ready Training Timor Leste (with IOTIC)	31 July- 1 August 2023
5	Tsunami Ready Training Seychelles (with IOTIC)	31 July- 1 Agustus 2023

The Training covering developing and implementing SOP, Warning Chain, and Tsunami Ready



SOP Training

Tsunami Ready Training in Seychelles

Tsunami Ready Training in Timor Leste

OTHER ACTIVITIES

1. Supporting the IOWave Task Team for the IOWave Exercise
2. Coordinating with the WG1 to develop the capacity assessment questioner
3. Webinar to Commemorate the WTAD (Fighting Inequality for Resilience Future) cooperation with IOTIC and WG 1, 7 November 2023
4. Promoting the Tsunami Ready through several publication
5. Promoting Tsunami Ready IO Regional Decade Conference 2024, 1-3 February 2024
6. Promoting Tsunami Ready in the Satellite event of "*Cities and Communities Joining Tsunami Ready*" of the UN Decade Conference in Barcelona, April 2024
7. Promoting the Tsunami Ready in the Oman OJT and Timor Leste 13-21 March 2023
8. Capacity Development Assessment under the UNESCAP Project

การประชุมวิชาการและนำเสนอผลงานเครือข่ายพัฒนาความเข้มแข็งต่อภัยพิบัติไทย ครั้งที่ 1 ประจำปี 2566

การใช้ชีวิตอย่างกลมกลืนบนความเสี่ยง: ชุมชนในประเทศอินโดนเซย มความพร้อมรับมือสนาม (Tsunami Ready)

Living in Harmony with Risk: Indonesian Tsunami Ready Communities

Admiral Musa Julius[1], Septa Anggraini[1], Suci Dewi Anugrah[1], Daryono Daryono[1], Hidayanti Hidayanti[1], Tribowo Kriswinarso[1], Gloria Simangunsong[1], Mila Apriani[1], Dwikorita Karnawati[1], Suko Prayitno Adi[1]

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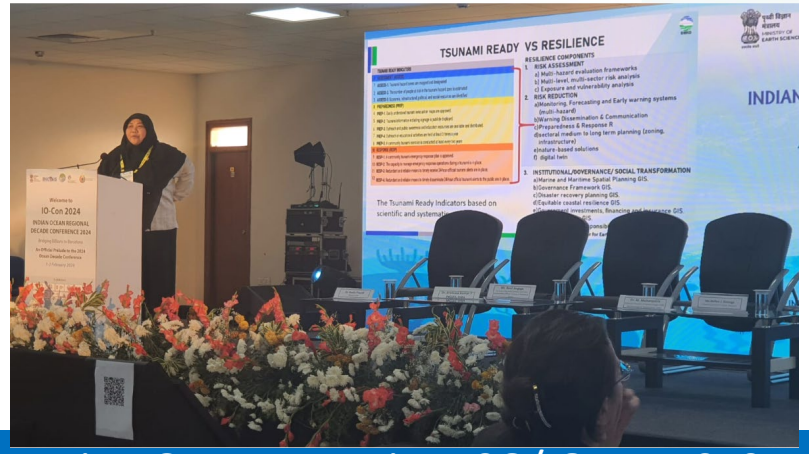
Abstract

West of Sumatra, South of Java, Bali and Lombok Villages are highly vulnerable to natural disasters such as tsunamis caused by an earthquake triggered by the subduction zone between Indo-Australia Plate and Eurasian Plate. For this reason, the Indonesia Agency for Meteorology, Climatology, and Geophysics (BMKG) considers to introduce an Indonesia Tsunami Ready Recognition Program (TRRP) that will encourage communities to build, strengthen and develop their capacity and ability to respond to tsunami threats. In this paper we try to expresses the community actualization on hazard assessment, preparedness, and response as the result of the Indonesian Tsunami Ready Recognition Program. The assessment is based on the 12 indicators of the tsunami ready which had been determined by the United Nations Educational, Scientific and Cultural Organization the Intergovernmental Oceanographic Commission (UNESCO-IOC). A field survey of the 12 indicators has been carried out to assess nine communities (Panggarangan, Pangandaran, Gelagah, Kemandang, Tambakrejo, Kuta Mandalika, Tanjung Benoa, Purus, and Lolong Belanti) living in the tsunami prone area. Generally, the results showed the communities didn't have the updated tsunami hazard map as the hazard assessment indicator. The previous hazard map was not established based on the latest seismological study and tsunami

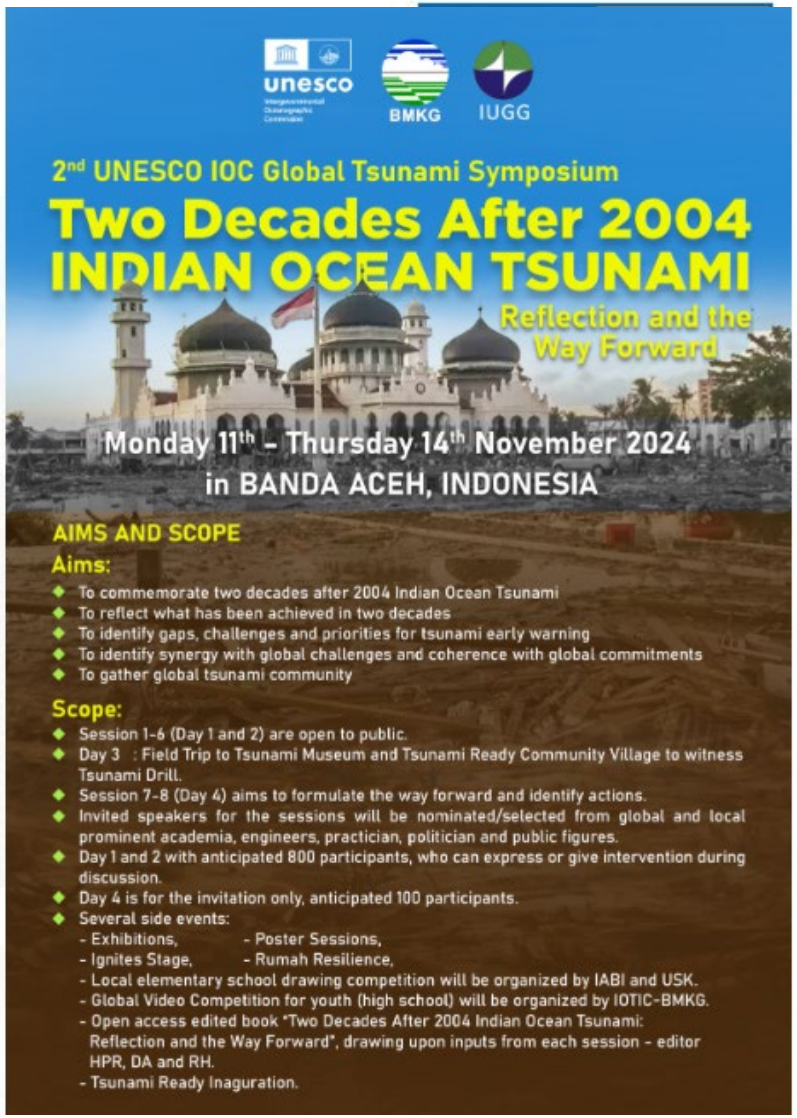
The 1st National Academic Conference in association with Thai Network for Disaster Resilience 86



2nd UNESCO IOC GLOBAL SYMPOSIUM
Banda Aceh, 11-14 November 2024

- To commemorate the 20th years of the Indian Ocean Tsunami
- Open for public
- Activities:
  - Symposium and Poster Session
  - Exhibition and Ignite Stage
  - Video Competition
  - Tsunami Ready Inauguration including the 4 communities in Aceh (Gampong Jawa, Deah Glumpang, Mon Ikeun, Lamkrut)

Coordination and survey for the Tsunami Ready in Aceh



Initial Promotion flyer

IMPLEMENTING TSUNAMI READY FOR CRITICAL INFRASTRUCTURE

- Implementing Tsunami Ready to Airport and Port (The Yogyakarta International Airport (YIA) in South Java, Ngurah Rai, Minangkabau International Airport). The YIA facilitate a shelter evacuation for the Tsunami Ready Community of Glagah, since the airport is the only infrastructure which has a high building in their neighborhood.
- The community of Tanjung Benoa Village-Bali has a support from the hotel to utilize the hotel's roof top for evacuation place.
- Implementing Tsunami Ready for the Industrial Estate: develop the Standard Operating Procedures and other communication chain, Tsunami Hazard map, Simulation, Capacity Development activities. The Industrial Estate facilitated the Siren, Assembly Point, and Evacuation Sign for the fishing community

Tsunami Ready in Krakatau Industrial Estate

Evacuation shelter for tsunami in the YIA and Hotel that also used by the community surrounding as the evacuation place

ISSUES

a) Less participation on the Implementation of Tsunami Ready: to conduct the NTRFP in order to encourage the implementation of Tsunami Ready Recognition in the Indian Ocean

b) Difficulties to full fill the 12 indicators: to levelling the Tsunami Ready from standard level to advance (full skill)

c) Limited resources to process the recognition including to verify the TRC: to have Tsunami Ready Facilitator Course for having capacity on verification

d) Less awareness of tsunami due to the rare event, based on our observation during the tsunami ready in Seychelles, because of they do not have the local source of tsunami, the issue on the tsunami preparedness is not considered to be prioritized: need a support on capacity development activities to raise the awareness

e) Monitoring the Tsunami Ready Community to make sure the sustainability of the Tsunami Ready Implementation: need a platform/format to monitor the Tsunami Ready Community

Plans and timelines

No	Plan	Time		
		Short term 2024	Medium Term 2024-2026	Long Term 2026-2030
1	NTRFP meeting	March 2024		
2	Tsunami Ready Training in Maldives, expand to Srilanka	August 2024		
3	Advocacy for Seychelles and Timor Leste to implement Tsunami Ready,	During 2024		
4	Advocacy for 16 communities in Indonesia to be recognized as IOC-UNESCO TRC, to be inaugurated in	During 2024		
5	Monitor and Evaluation of Tsunami Ready	During 2024		
6	Global Symposium	November 2024		
7	Tsunami Ready Facilitator Training	2024		
8	Short Version of the Guideline on Tsunami Ready		2025	
9	Tsunami Ready Implemention prioritized for the SIDs and LDCs			

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THANK YOU