



Tsunami Ready Implementation in The Indian Ocean

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ICG/IOTWMS

Email

*ICG/IOTWMS Intersessional Meeting of Working Group 3
on Tsunami Ready Implementation, 21 August 2024*

12 IOC-UNESCO Tsunami Ready Communities in the Indian Ocean



INDIA:

1. Venkatraipur (August, 7th 2020)
2. Noliasahi (August, 7th 2020)



INDONESIA:

1. Tanjung Bena Village (May, 28th 2022)
2. Glagah Village (December, 26th 2022)
3. Kemadang Village (November, 26th 2022)
4. Pangadaran Village (December, 26th 2022)
5. Pangararan Village (November, 26th 2022)
6. Desa Tambakrejo (November, 26th 2022)
7. Kuta Mandalika Village (December, 26th 2022)
8. Purus Village (December, 26th 2022)
9. Lolong Belanti Village (December, 26th 2022)
10. Tapakih Village (December, 20th 2023)



The TRPP Plan in The Indian Ocean



Indonesia

Tahun 2024 to be inaugurated in commemoration :

1. Galala and Hative, Ambon
2. Pangastulan, Buleleng
3. Aceh 4 Desa is on going to TR UNESCO
4. Bantul, 4 Desa is on going to TR UNESCO

National Tsunami Ready

1. Desa Tua Pejat, Kab. Mentawai (20-24 Agustus 2024)
2. Desa Sidomulyo, Kab. Pacitan
3. Desa Pemenang Barat, Kab. Lombok Utara
4. Desa Penurunan, Kota Bengkulu
5. Desa Lempuing, Kota Bengkulu
6. Desa Teluk Sepang,
7. Kota Bengkulu
8. Desa Wapia-Pia Wakatobi

India

- **Odisha State Disaster Management Authority (OSDMA)**
 - Proposed 24 villages from 6 coastal districts
 - Orientation workshop for State and District Disaster Management Officers (DMOs) completed during March 19-20, 2024, in Bhubaneswar
 - Workshops to DDMOs and Block level DMOs and other stakeholders
 - Tsunami mockdrill conducted on every November 5th on World Tsunami Awareness Day
- **Kerala State Disaster Management Authority (KSDMA)**
 - Proposed 9 villages from 9 coastal districts
 - Orientation workshop for SDMOs and DDMOs completed on May 24, 2024
- **Gujarat State Disaster Management Authority (GSDMA)**
 - Proposed 2 villages
 - Orientation workshop for SDMOs and DDMOs scheduled on September 12, 2024
- **Directorate of Disaster Management (DDM), Andaman & Nicobar Islands**
 - Proposed 2 locations
 - Orientation workshop for SDMOs and DDMOs scheduled by end of October, 2024

Timor Leste and Seychelles:

- Identifying Tsunami Ready Community for implementation

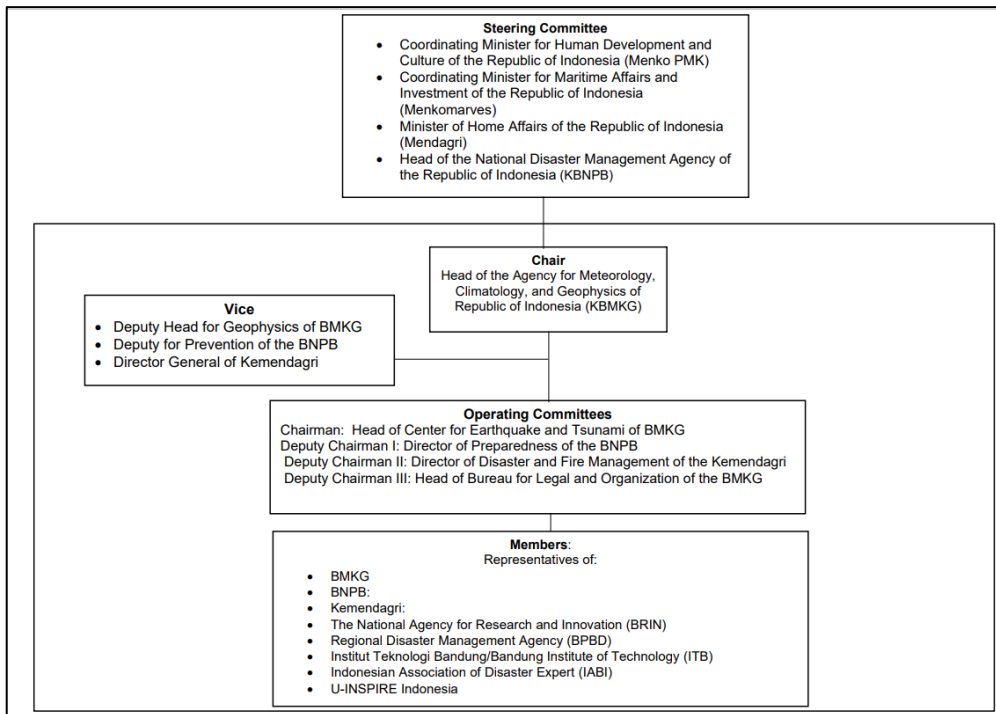
Maldives:

- Identifying Tsunami Ready Community for implementation*
- Integrate the Tsunami Ready Indicators into the Multi-hazard DRR approach

Developing National Tsunami Ready Board (NTRB)



Role of NTRB: Coordinating, advocacy, promotion, and socialization TRC, Recommend the Tsunami Ready Community to gain UNESCO-IOC Tsunami Ready Recognition,



Indonesia NTRB

NATIONAL TSUNAMI READY BOARD - INDIA

- | | | |
|---|--|------------------|
| 1 | Director, INCOIS | Chairman |
| 2 | Representative from NDMA | Member |
| 3 | Representative from MHA | Member |
| 4 | Representative from MoES | Member |
| 5 | Representative from DMO, Andaman & Nicobar Islands | Member |
| 6 | Representative from DMO, Odisha | Member |
| 7 | Head-TWG, INCOIS | Member Secretary |

Timor Leste, Seychelles, Maldives:

- Adapting NTRB function to existing disaster coordination mechanism

Strong Coordination of the National Tsunami Ready Board



- Regular meeting of the NTRB to share the progress, challenge, and planning the implementation of tsunami Ready



National Tsunami Ready Board India, 7 Februari 2024

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Optimizing the Existing Program to Implement the Tsunami Reay



The SLG (Earthquake Field School) is a capacity building activity to enhance local government and community awareness and response. Create Champions from LDMO, Community, Army, stakeholders related to the disaster management and response, School, community, private sector are involved.

The scope of the SLG:

1. Field Survey and advocating the implementation of the 12 indicators
2. TOT Workshop of the SLG
3. School Exercise



PUSAT GEMPABUMI DAN TSUNAMI KEDEPUTIAN BIDANG GEOFISIKA
 Jl. Angkasa 1 No. 2, Kemayoran, Jakarta 10720
 Telp. (021) 424 6321 | Fax. (021) 424 6703

Salah satu tugas BMKG adalah menyediakan dan menyebarkan informasi gempabumi dan tsunami, memastikan informasi dapat diterima dan dipahami pihak terkait utamanya Badan Penanggulangan Bencana Daerah (BPBD).

Pemahaman yang benar mengenai informasi gempabumi dan tsunami menjadikan BPBD dapat memberikan arahan yang tepat kepada masyarakat.

SEKOLAH LAPANG GEMPABUMI

TUJUAN & SASARAN
 Tujuan: Menguatkan peran BPBD dan pemangku kepentingan di daerah sebagai simpul komunikasi agar dapat memahami informasi gempabumi dan peringatan dini tsunami.
 Sasaran: BPBD, Masyarakat, Sekolah, Aparat dan Media di wilayah rawan gempabumi dan tsunami.

MANFAAT

- BPBD dan pemangku kepentingan memahami informasi gempabumi dan peringatan dini tsunami dari BMKG
- Masyarakat siaga dan tanggap terhadap ancaman gempabumi dan tsunami di wilayahnya
- Media dapat berperan dalam rantai peringatan dini tsunami

PELAKSANAAN SLG

Tahun	Jumlah Kota / Kabupaten
2015	10 Kota / Kabupaten
2016	23 Kota / Kabupaten
2017	2 Kota
2018	1 Kota
2019	30 Kota / Kabupaten
2020	1 Kota / Kabupaten
2021	30 Kota / Kabupaten
2022	18 Kota / Kabupaten

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Engaging Others Parties To Strengthen Preparedness Capacity



The Yogyakarta International Airport (YIA) in South Java provides 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.



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



Roof Top Hotel in Tanjung Benoa used by community as the evacuation place



Strengthening Surrounding Community in the Industrial Estate



- One of the city in Indonesia that may impacted by the tsunami is the Cilegon city located in the West of Banten province. The city is the strategic area which has Cilegon Industrial estate. The PT Krakatau Sarana Properti (KSP) as the industrial community and fisherman surrounding there area now already completing the rapid information or communication mode, develop the Standard Operating Procedures and other communication chain, build the tsunami ready community, and evacuation infrastructures.
- Fisherman Community in the Cilegon Industrial Estate has facilitated the Siren, Assembly Point, and Evacuation Sign by KSP Industrial Company

Integrating to the Other Ocean/Multi-Hazard Approach



- Tsunami is a rare frequency event,
- Lack of Tsunami Awareness
- Tsunami Preparedness is not a priority
- Focusing on the other Ocean Hazard Preparedness (Storm Surge, Tidal Flooding)

Integrating the Tsunami Ready Implementation to the Other Ocean/Multi-Hazard Approach:

- Identify the 12 indicators that could be implemented to the Other/Multi-Hazard
- Identify the existing Other Ocean Hazard Preparedness Capacity that suitable with the Tsunami Ready Indicators



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THANK YOU