



*Training/Workshop on
Tsunami Evacuation Maps, Plans, and Procedures and
the UNESCO-IOC Tsunami Ready Recognition Programme for the Indian Ocean Member States
Hyderabad - India, 15-23 April 2025*

Tsunami Evacuation Maps, Plans, and Procedures

TEMPP 11: Principles in Tsunami Evacuation Procedures

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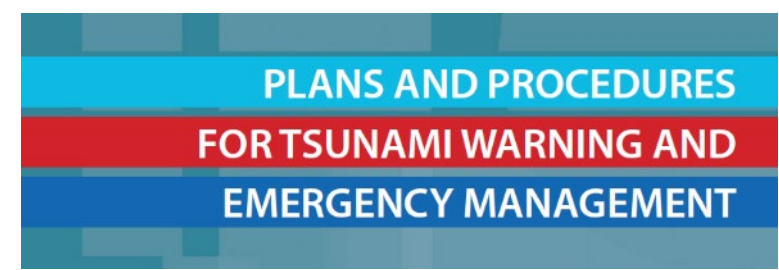
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- Harald Spahn, UNESCO-IOC UNESCO Consultant

Evacuation Procedures – Types



IOC Manuals and Guide 76

- **Emergency Management Procedures** provide guidance to emergency services at the local level
These are strongly linked to tsunami warning processes and local contingency or emergency operation planning
- **Public procedures** provide actionable information to the public on how to respond and evacuate in the event of an impending tsunami emergency



Source: California ShakeOut plus
Tsunami Evacuation-WalkOut drill

Emergency Management Procedures

- Evacuation procedures should include guidance to emergency services at the local level; thereby, **ensuring evacuation zones are closed off and secured** until the tsunami warning is cancelled/Called off, and the threat of a tsunami no longer exists.
- Once areas have been evacuated, roadblocks, barricades, and/or a system of patrols should be set in place to **keep the public from returning to evacuation zones and to keep people with malicious intent out.**
- The **decision to allow re-entry** (e.g. all-clear) will be made by Emergency Management officials.

Public Procedures may include

- How to **protect** during an earthquake
- Raise **awareness on a resulting tsunami threat** after experiencing an earthquake
- Encourage for **self-evacuation**
- Explain which **areas to evacuate and where to go**
- Inform about **official calls for evacuation**, especially on **siren sounds** if applicable
- Inform on **duration** of evacuation and when it is **safe to go back**

- ✓ *Short and concise*
- ✓ *Key messages*
- ✓ *Non-technical language*
- ✓ *Procedures complement the evacuation map*
- ✓ *Adapted to local conditions*
- ✓ *Language in accordance with target group*

Example from Bali / Indonesia

Tsunami Evacuation Procedure

1. If you feel an earthquake - protect yourself
 - Don't panic!
 - Drop, cover and hold!
2. After an earthquake, be aware that a tsunami may follow
 - Move away from the beach immediately as a precaution measure!
 - Look for more information through TV and Radio!
3. After a strong and prolonged earthquake, evacuate immediately!
 - Don't wait for an official warning, leave the **RED ZONE** immediately if possible or look for shelter in higher buildings
 - If you are around Pratama Street, look for shelter in one of the hotels with higher floors
 - As a visitor in a hotel, please follow the instructions of hotel staff
4. The sound of the siren is the official call for evacuation
 - If the siren sounds, follow the evacuation procedure as indicated above (No. 3)!

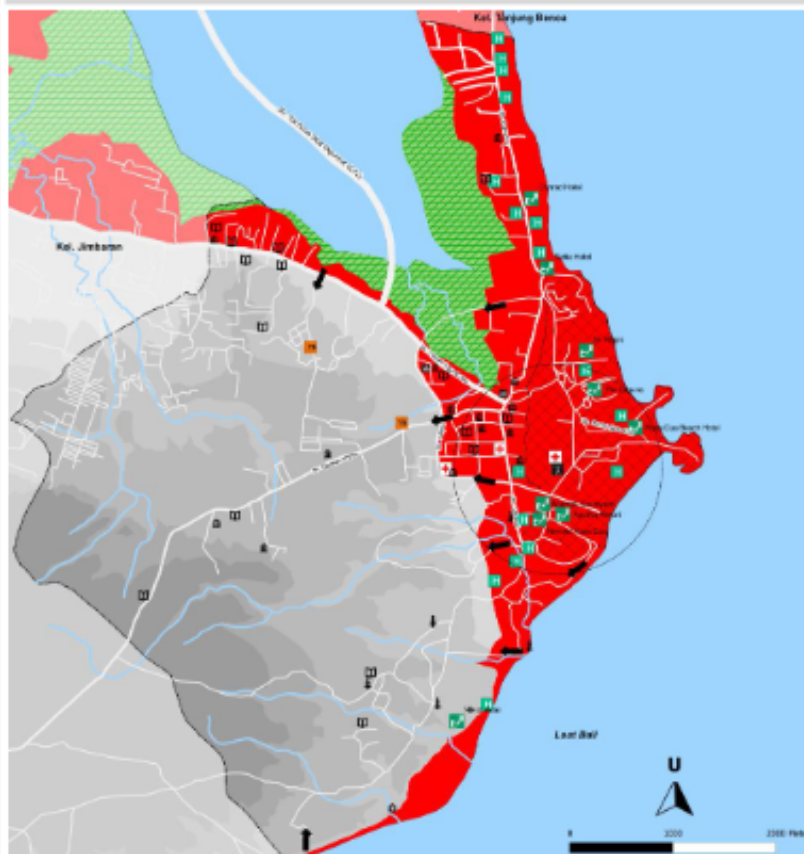
Be aware that the siren may not be heard in all areas.

After the first tsunami wave, more waves are likely to come!

Wait for an official "All Clear" message before leaving shelter

*Please note that BTDC has its own procedure

Tsunami Evacuation Map for Benoa Peta Evakuasi Tsunami di Kelurahan Benoa



Legend/Legend		
Tsunami Risk Zone Zona Bahaya Tsunami	Siren Sirene	Community Hall Balai Banjar
BTDC Area Kawasan BTDC	Public Vertical Evacuation Building Bangunan Evakuasi Vertikal Umum	Hindu Temple Pura
Safe Zone/Zona Aman	Area with 3 Floors or more Area 3 Lantai atau lebih	Traditional Market Pasar
Height of 25 m Ketinggian 25 m	Assembly point Tempat Berhimpun	Street Network Jaringan Jalan
Height of 30 m Ketinggian 30 m	Hospital RS/Puskesmas	River/Canal Sungai/Lusut
Height of 70 m Ketinggian 70 m	School Sekolah	Administrative Border Batas Administrasi
Height of 100 m Ketinggian 100 m	Shops Office Kantor Kelurahan	Marine Area Mangkopri
Height of 100 m Ketinggian 100 m		

December / Desember 2012

Further information / Informasi lebih lanjut:
SPDG Kabupaten Gading
Jln Raya Raya Sempidi, Mangal
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Prosedur Evakuasi Tsunami

1. Jika merasakan gempa bumi - lindungi diri anda
 - Jangan panik
 - Merunduk, berlindung dan berpegangan
2. Setelah gempa bumi, sadari bahwa tsunami mungkin terjadi
 - Segera tinggalkan daerah pantai sebagai langkah pencegahan awal
 - Carilah informasi lebih lanjut melalui TV dan Radio
3. Setelah gempa bumi yang kuat dan lama, Segera Evakuasi!
 - Jangan menunggu peringatan resmi, segera tinggalkan **ZONA MERAH** jika memungkinkan atau mencari tempat berlindung yang lebih tinggi
 - Jika anda berada di sekitar Jln. Pratama, segera berlindung di bangunan bertingkat 3/lebih
 - Jika anda pengunjung, ikuti arahan dari karyawan hotel
4. Bunyi sirene adalah panggilan resmi evakuasi
 - Jika sirene berbunyi, ikuti prosedur evakuasi seperti diatas (No. 3)!

Sadari bahwa mungkin bunyi sirene tidak terdengar di semua area.

Setelah gelombang pertama datang, gelombang yang lain mungkin akan menyusul.

Tunggu pemberitahuan resmi "Tsunami telah berakhir" sebelum meninggalkan tempat perlindungan

*Catatan: Ada prosedur khusus di area BTDC

Thank you



***IOC/UNESCO Indian Ocean Tsunami Information Centre
IOTIC-BMKG Programme Office***

***Disaster Risk Reduction and Tsunami Information Unit
UNESCO Jakarta Office***

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