



Prep-2

Tsunami Information Including Signage Is Publicly Displayed

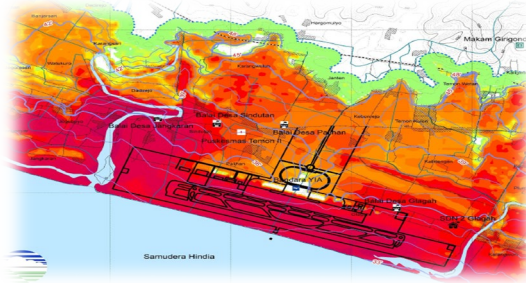
Hidayanti
BMKG

Indian Ocean Tsunami Ready Workshop
Tanjung Benoa, Bali - Indonesia
22-26 November 2022



Introduction

The community to have public awareness and education materials information on tsunami hazard in the area



Major tsunami threat



Area with a large population



Tourist area



Understanding the tsunami hazard and mitigating it requires real and repeated efforts

Purpose

“ Provide information on tsunami hazard and tsunami safety guidance ”

“ Tsunami build community’s awareness and preparedness. ”

How??

Information is provided in 2 or more languages



Assembly Area and Evacuation Route Signs in Manggarai Barat-NTT, Indonesia use 5 languages (Indonesian, English, Latin, Mandarin, Japanese, and Arabic)



Tsunami Evacuation Map Sign Board in Tanjung Benoa-Bali, Indonesia Use 2 languages (Indonesian and English)

3 LANGKAH TANGGAP TSUNAMI

3 STEPS FOR TSUNAMI READINESS

TANGGAP GEMPA EARTHQUAKE READY

- Waspadalah, gempa bumi yang kuat atau yang berlangsung lama dapat memicu tsunami dalam waktu singkat.
Be alert, a strong or long earthquake may trigger a tsunami in short time.
- Jauhi pantai dan tepi sungai, serta cari informasi apa yang terjadi.
Move away from beaches and river banks, and seek information on what has happened.

TANGGAP PERINGATAN TSUNAMI WARNING READY

- Dapatkan informasi peringatan dari BMKG melalui TV Nasional, Radio Daerah atau pengumuman di sekitar Anda.
Seek warning information from BMKG on National TV, Local Radio, or Public Announcement in your area.
- Jika mendengar bunyi sirine, kentongan, atau peralatan lain yang sudah disepakati, segera evakuasi.
If there is a sound of siren or other warning dissemination devices, evacuate immediately.

TANGGAP EVAKUASI EVACUATION READY

- Setelah gempa bumi atau menerima peringatan tsunami, segera evakuasi ke lokasi yang aman.
Upon feeling the earthquake or receiving tsunami warning, evacuate immediately to designated safe locations.
- Ikuti Jalur rambu evakuasi, jika ada.
Follow the evacuation route and signage, if available.
- Jika lokasi aman tidak diketahui, larilah sejauh mungkin dari pantai, naiklah ke tempat yang tinggi.
If you don't know the location of the safe zone, run as far as possible from the coast.

How??

Communities can work together with various parties to produce educational materials and awareness about the tsunami hazard in their area

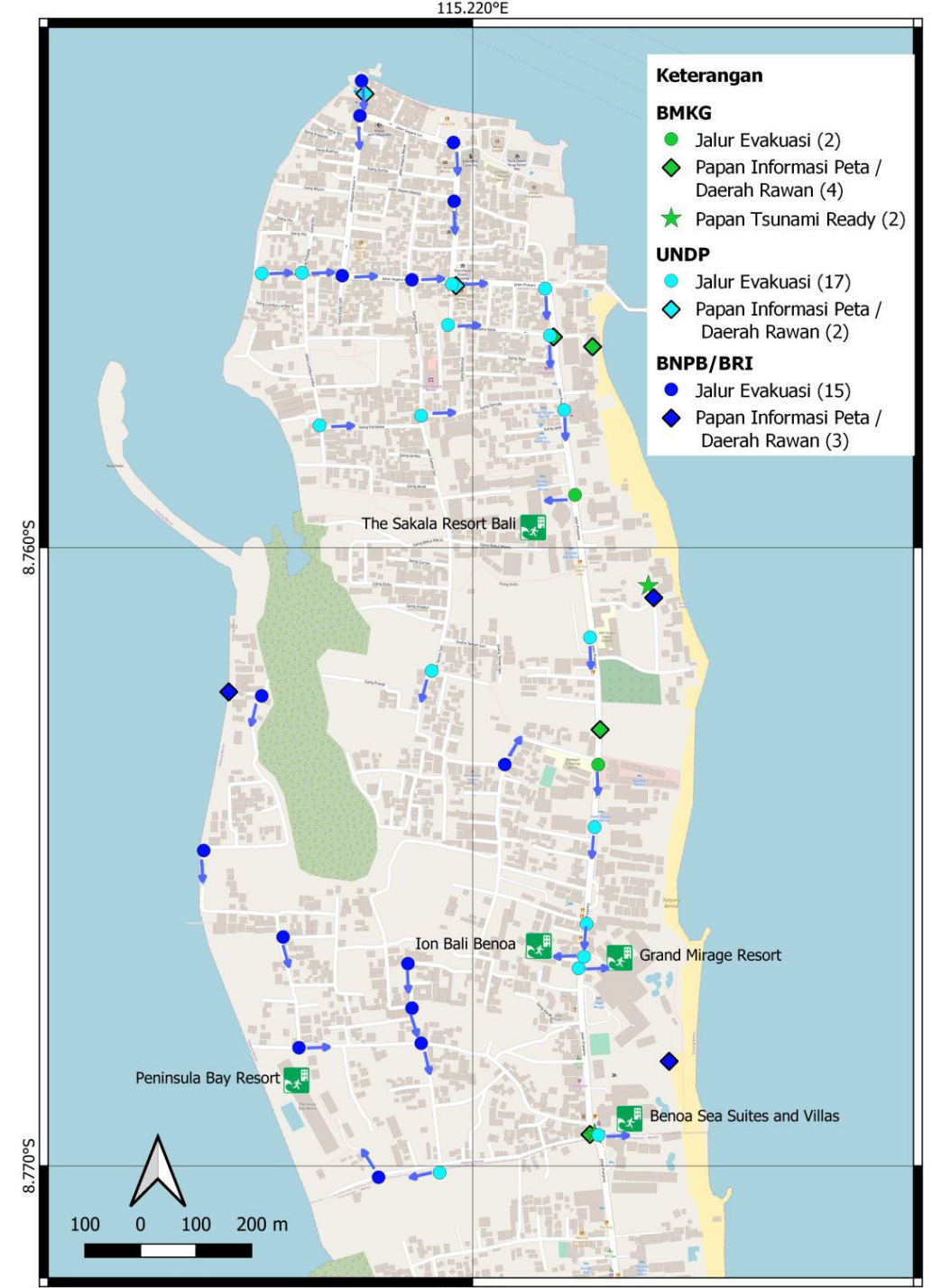


Tsunami Hazard Zones Sign in Kemadang, Yogyakarta, Indonesia

Where??

The number and presence of information boards is adjusted according to tsunami prone areas

Update Map of Installation of Tsunami Evacuation Signs in Tanjung Benoa Village
1 June 2022



What??

The Materials of Awareness and Education

The public display should identify/provide but not limited to the following information:

- Tsunami danger area and/or hazard zones (entering and leaving signs);
- Evacuation Tsunami Maps
- Evacuation routes;
- Assembly area;
- How to respond;
- Tsunami response education (e.g., go to higher ground).

Tsunami danger area and/or hazard zones (entering and leaving signs)



In Kemadang-Yogyakarta, Indonesia



In Hawaii



In Jamaica

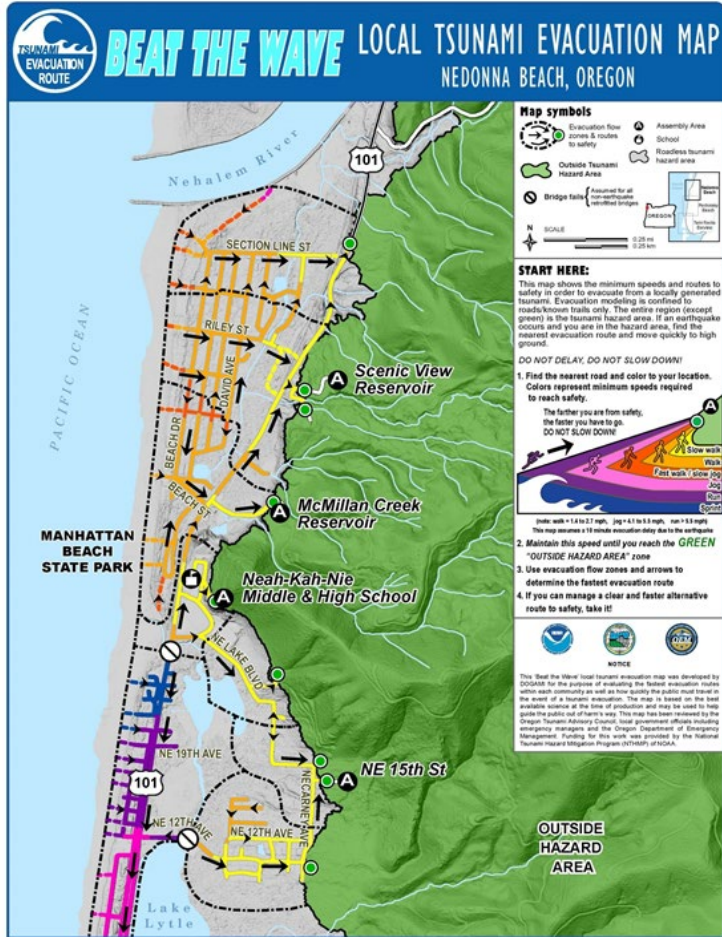


In Kuta Mandalika-NTB, Indonesia



In Tambakrejo-Malang, Indonesia

Tsunami Evacuation Maps



Tsunami Evacuation Map Board in Oregon



Tsunami Evacuation Maps Sign Board in Tanjung Bena



Tsunami Evacuation Maps Sign Board at Tanjung Bena Elementary School

Information of direction to the safe place (high ground) based on Tsunami Hazard Map

Evacuation Routes



The evacuation route signs in Indonesia consist of 2 colors:

1. The Orange Signage. This sign is in accordance with the provisions of the Standar Nasional Indonesia – SNI (Indonesian National Standard), SNI 7743:2011 concerning Tsunami Evacuation Signs.
2. The Green Signage. This sign is in accordance with the provisions of the Regulation of the Head of the Badan Nasional Penanggulangan Bencana – BNPB (Indonesian National Disaster Management Agency), No. 07 of 2015 concerning Disaster Signs and Information Boards.

Both types of signs are currently valid

Assembly area



The assembly area signs in Indonesia consist of 2 colors:

1. The Green Signage. This sign is in accordance with Safety Sign (ISO 7010/International Organization for Standardization technical standard for graphical hazard symbols on hazard and safety signs and ISO 3864-1 edition 2002/ International Organization for Standardization technical standard Graphical symbols, Safety colours and safety signs)
2. The Orange Signage. This sign is in accordance with the provisions of the Standar Nasional Indonesia – SNI (Indonesian National Standard), SNI 7743:2011 concerning Tsunami Evacuation Signs.
3. The Blue Signage. This sign is in accordance with the provisions of the Regulation of the Head of the Badan Nasional Penanggulangan Bencana – BNPB (Indonesian National Disaster Management Agency), No. 07 of 2015 concerning Disaster Signs and Information Boards.

How to respond



In Padang, Indonesia



In East Java, Indonesia



In Hawaii



Information on steps to deal with an earthquake and tsunami immediately

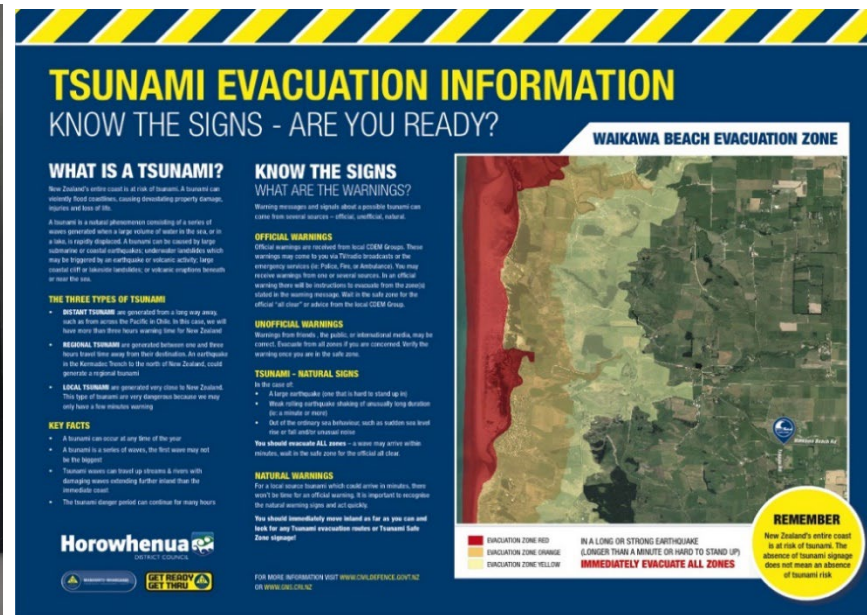


Bulletin Boards in Glagah, Yogyakarta Indonesia

Tsunami Response Education (e.g., go to higher ground).



In Panggarangan, Banten, Indonesia



Tsunami Evacuation Information in New Zealand



Tsunami Public Information Board:

- Evacuation Map (Instruction and Guidelines)
- Tsunami Characteristics
- Tsunami Warning Process
- Previous Tsunami Event-Local history

What is a tsunami

- Type of tsunamis
- Key Facts about tsunami

Knowing the signs

- What are the warning
- Official Warning
- Un-Official Warning
- Natural Signs
- Natural warnings

THANK YOU

