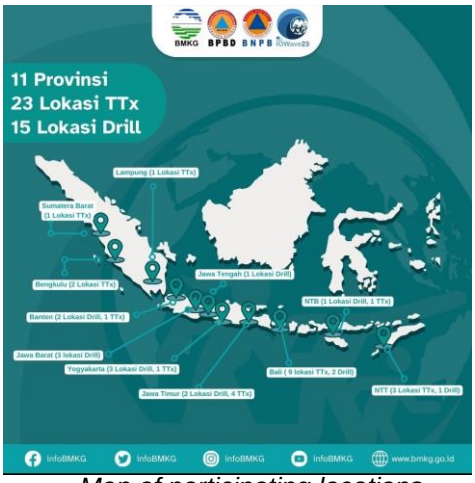
Indonesia

Scenarios Exercised:

- ☐ Andaman Trench (4 Oct)
- ☐ Heard Island (18 Oct)
- ☐ Makran Trench (11 Oct)
- ☑ Java Trench (25 Oct)



Map of participating locations

IOWave23 Bulletins Dissemination

Public evacuations and rescue

National Tsunami Warning & Mitigation System

InaTEWS is a national system managed by the Agency for Meteorology, Climatology and Geophysics (BMKG) to provide an effective & comprehensive tsunami warning to the Indonesian population. Speed and accuracy is the key to the early warning system. InaTEWS as a TSP for Indian Ocean countries offers web access to ocean-wide tsunami warning products.

The Tsunami Mitigation System involves national collaboration between BMKG, the National DMO agency (BNPB), local DMOs at province and city level, Bandung Institute of Technology (ITB), Agency for Research and Innovation (BRIN), Agency for Geospatial Informations (BIG), and medias (Metro TV, Inews). The warnings are distributed by stakeholders through multi channels such as media, websites and social media to ensure that warnings are distributed quickly and accurately to the people.

The warnings aredistributed by stakeholders through multi channels such as SMS, Email, and WRS application (Warning Receiver System) to ensure that warningsare distributed quickly and accurately to the people

National Organisation of Exercise IOWave23

Coordination for the event started in April 2023 and more intensive approaching the day of the event. South of Java earthquake on Oct 25th was used as the tsunami scenario which would be impacting 10 provinces bordering the Indian ocean according to the simulation.

BMKG as the national coordinator of the event had meetings with Regional Geophyisical Stations, local DMOs, and NTRB panel and successfully engaged 27 local DMOs and other institutions such as local media to participate in the table top exercise. Meanwhile, around 1.600 people also involved in the tsunami drill in 15 different places.

On the day of the event, BMKG disseminated the 1st-4th tsunami warning via multiple medias, including the WRS-NG from the InaTEWS command center in Jakarta. Additionally, Zoom conference was also used for the coordination during the event. Several BMKG staff also sent to regions to act as a facilitator/observer.

Exercise Participants

Overall, there were 27 DMOs and related institutions in the areas facing the Indian ocean participated in the table top exercise activity.

Additionally, there were also more than 1.600 people engaged in the tsunami drill activity spread across 15 different places. Three were internationally Tsunami Ready recognized by the UNESCO (Panggarangan, Banten; Glagah and Kemadang, Yogyakarta) and the other two (Serangan, Bali and Cikakak, Sukabumi) are Tsunami Ready certified nationally by the NTRB and are prepared for the international recognition.

Lessons Learnt

We learned that further coordination should be done far before the day of the event so that nothing would be missed during the event. The deployment of WRS-NG in every related stakeholders also shows a great benefit for its ability in receiving and disseminating informations in near real time.

Organisation Logo(s)