

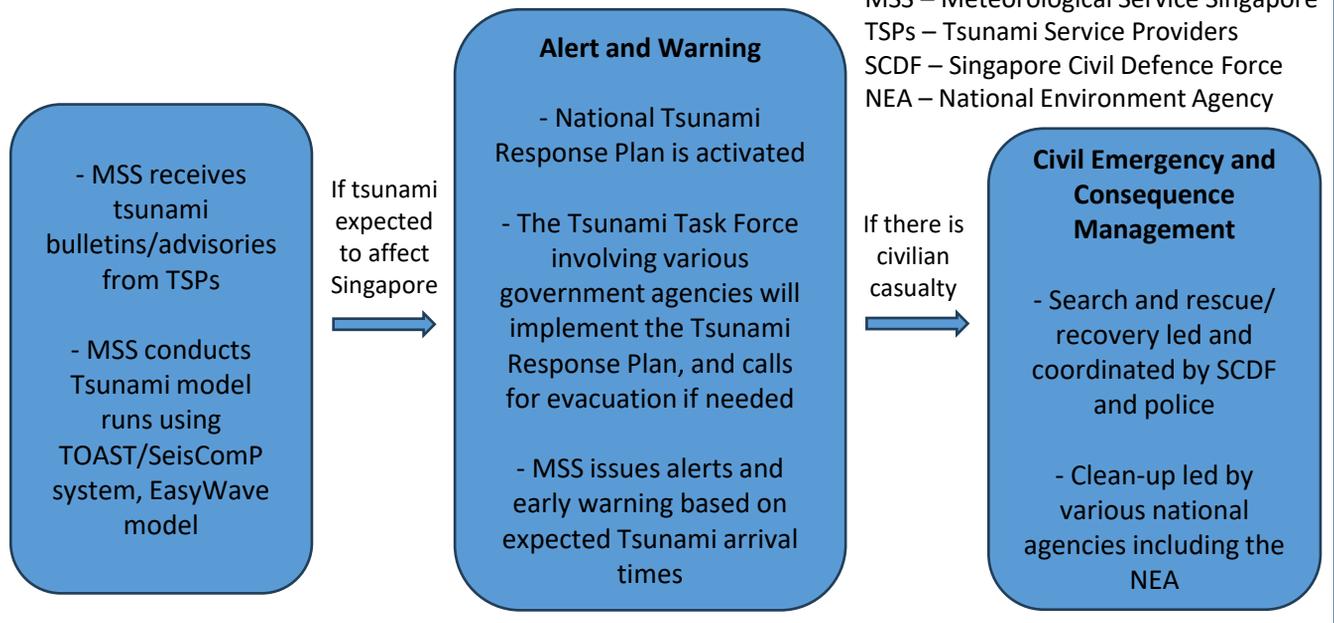
Singapore

Scenarios Exercised:

- Sunda Trench (25 Sept)
- Fani Maore Volcano (25 Oct)
- Makran Trench (15 Oct)
- Sumatra Trench (05 Nov)



National Tsunami Warning & Mitigation System



Exercise Participants



- The Meteorological Service Singapore (MSS) participated in the IOWave25 Exercise as the National Tsunami Warning Centre (NTWC)
- Only took part in the Sumatra Trench exercise as Singapore is not affected by the other scenarios
- Modelled Tsunami wave propagation for Sumatra Trench scenario provided also do not reach Singapore

National Organisation of Exercise IOWave25

Focused on testing communication channels with the various TSPs

- No national warnings were produced

Monitored and recorded the time stamps of the tsunami bulletins from TSPs via SMS, Email and GDS

- Most communication channels were functioning, and bulletins were received in time
- Singapore was not significantly affected by the tsunami waves in the scenario

Lessons Learnt

Benefits

- Providing valuable training for operational personnel on the different communication systems available during tsunami situations
- Helping to pinpoint weaknesses in our communication networks that need to be addressed before future tsunami incidents
- Enabling testing of system connectivity with Tsunami Service Providers for warning bulletins and alerts

Areas of improvement

- Carrying out additional research using extreme scenarios that factor in how tides and changing sea levels might affect the height of tsunami waves
- Studying the potential for tsunami waters to cause flooding in inland areas

Further Information:

Please send to ICG/IOTWMS Secretariat (iotwms@unesco.org) :

1. Videos of activities undertaken in IOWave25
2. Links to online media related to news and coverage of IOWave25
3. Links to social media (X, Instagram, Facebook, LinkedIn) related to IOWave25