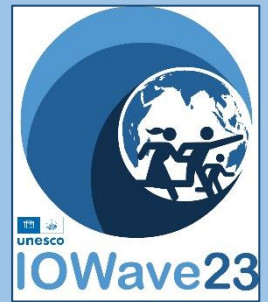


# Australia

## Scenarios Exercised:

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



Dept of Fire and Emergency Services Natural Hazard District Officers in the Midwest studying the tsunami warning

NSW State Emergency Service State Command Centre participated as an observer in the exercise.



Joint Australian Tsunami Warning Centre (JATWC) participating in the exercise

DFES' Public Information and Recovery team working together to develop public information messaging



## Exercise Participants

- Joint Australian Tsunami Warning Centre
- Bureau of Meteorology
- Geoscience Australia
- Department of Fire and Emergency Services
- National Emergency Management Agency – National Situation Room
- Indian Ocean Territories Emergency Management Team

## Lessons Learnt

- The communication links between the Bureau and some Emergency Services need reviewing.
- Clarification is required for which agencies have the authority to make evacuation orders.
- Workload distribution to be reviewed in the standard operating procedures (SOP).
- Event logging tools can be improved.

## National Tsunami Warning & Mitigation System

The Australian Tsunami Warning System is a national collaboration between the Australian Bureau of Meteorology, Geoscience Australia and the Department of Home Affairs which provides a comprehensive tsunami warning system delivering timely and effective tsunami warnings to the Australian population.

It is also a key element of the Indian Ocean Tsunami Warning and Mitigation System, and contributes to the facilitation of tsunami warnings for the South West Pacific.

These warnings are distributed to the State and Territory Emergency Services, relevant Government Agencies and through communication channels such as media, website, and social media sites to ensure the warnings are quickly and accurately distributed to the Australian people.

## National Organisation of Exercise IOWave23

Planning for the Indian Ocean Wave (IOWave) 2023 Exercise commenced in June with the appointment of the National Exercise Coordinator. An IOWave23 Planning Committee was established with members from:

- Bureau of Meteorology (The Bureau)
- Geoscience Australia (GA)
- National Emergency Management Agency (NEMA)
- Western Australian Department of Fire and Emergency Services (DFES)

The Planning Committee met fortnightly to discuss progress of the exercise development. The National Exercise Coordinator and the Bureau's Exercise Coordinator set about developing an Australian exercise Manual that worked in conjunction with UNESCO's Intergovernmental Oceanographic Commission Technical Series Exercise Indian Ocean Wave 23 Manual and Supplements.

The Bureau selected Scenario Four: Java Trench as the basis for their exercise and commenced planning for a functional exercise. The Department of Fire and Emergency Services commenced developing two discussion exercises based on scenarios three and four.

The exercise was well attended by the Bureau of Meteorology with many of their systems and state offices being tested on the day. In addition, the NEMA National Situation Room, DFES, Victorian State Emergency Service and Tasmania Police participated in the exercise. There were also several observers from different parts of the Bureau, NEMA, Indian Ocean Territories, Australian Antarctic Division and Airservices Australia.

## Organisation Logo(s)

