

Exercise Indian Ocean Wave 2023 (IOWave23) and Scenarios



unesco

Intergovernmental
Oceanographic
Commission

*Task Team IOWave23 &
ICG/IOTWMS Secretariat*

Nora Gale

7 August 2023

ICG/IOTWMS North-Western Indian Ocean Member States Training Workshop:
Review Standard Operating Procedures (SOPs) and Tsunami Service Provider (TSP) Products
in Preparation for Exercise IOWave23

Who will participate in IOWave23?

The following organisations could be involved in the Exercise:

- Tsunami Service Providers (TSPs)
- National Tsunami Warning Centres (NTWCs)
- National Disaster Management Organisations (NDMOs)
- Provincial / Local Disaster Management Organisations (LDMOs)
- Media Organisations
- Local Communities

What scenarios will your country exercise?

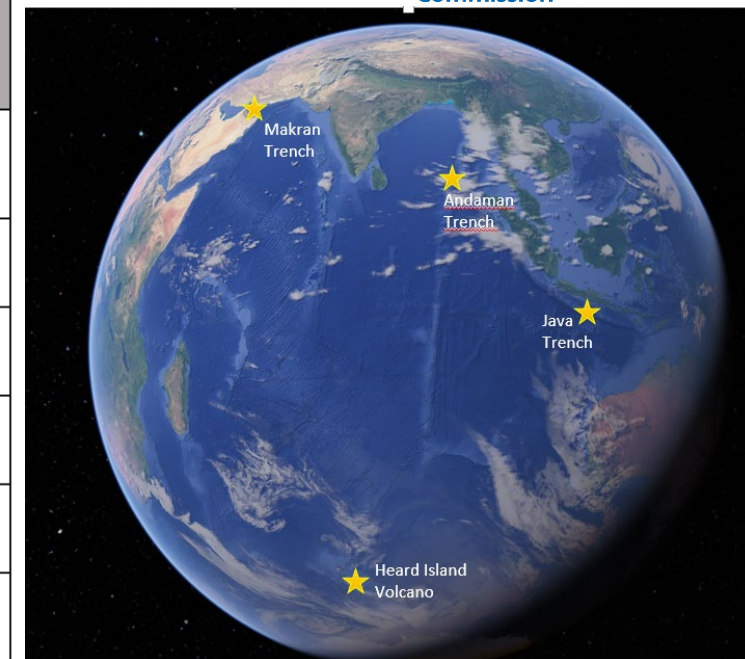
NWIO countries
under threat

NWIO countries
under threat

India, Oman under threat

India, Oman under threat

Scenario	1. Andaman Trench	2. Makran Trench	3. Heard Island Volcano	4. Java Trench
Date	4 October 2023 (Wednesday)	11 October 2023 (Wednesday)	18 October 2023 (Wednesday)	25 October 2023 (Wednesday)
Time	04:00 UTC	06:00 UTC	06:00 UTC	02:00 UTC
Magnitude	~M9	~M9	n/a	~M9
Depth	10 km	10 km	n/a	10 km
Latitude	7.20N	24.80N	53.10S	10.40S
Longitude	92.90E	58.20E	73.52E	112.80E
Location	Off west coast of Nicobar Islands, India	North-West Indian Ocean	Kerguelen Islands Region, Southern Ocean	South of Java, Indonesia





unesco

Intergovernmental
Oceanographic
Commission

At what level will your country participate?

- Member States are invited **to participate in at least one scenario** or more **scenarios** (if country fall under threat);
- Member States are encouraged **to conduct community evacuations**;
- All Member States, particularly those piloting the Programme, are encouraged **to use the UNESCO-IOC Tsunami Ready guidelines and indicators to guide their community preparation for IOWave23 exercise.**



unesco

Intergovernmental
Oceanographic
Commission

THANK YOU