

INDIA

Scenarios Exercised:

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



National Tsunami Warning & Mitigation System

The Indian Tsunami Early Warning Centre (ITEWC), established at Indian National Centre for Ocean Information Services (INCOIS) under the Ministry of Earth Sciences (MoES), Government of India, has been operational since 15 October 2007. It is equipped with comprehensive observational, computational, and communication systems that enable real-time data reception, analysis, and issuance of tsunami advisories as per a defined Standard Operating Procedure (SOP).

As a Tsunami Service Provider (TSP) alongside Australia and Indonesia, ITEWC provides tsunami advisories to Indian Ocean Rim countries under the IOC-UNESCO IOTWMS framework. Within India, ITEWC issues Warning/Alert/Watch advisories to national and state Disaster Management Organisations (DMOs), with NDMA, state/local DMOs, and media forming key components of the national warning chain. Public evacuation responsibilities rest with the respective state and local DMOs.

In support of tsunami preparedness, India has implemented UNESCO's Tsunami Ready programme. The Odisha State Disaster Management Authority (OSDMA), with support from INCOIS, achieved Tsunami Ready recognition for 26 villages in 2024, making India the country with the highest number of UNESCO-recognised Tsunami Ready communities to date.

National Organisation of Exercise IOWave25

India participated in IOWave25 tsunami exercise at national level on two dates, (i) Makran scenario on 15 October 2025, and (ii) Sumatra scenario on 5 November 2025. As a Tsunami Service Provider (TSP), ITEWC issued test bulletins to Indian Ocean countries for all four exercise scenarios.

In preparation for the exercise, India participated in IOTWMS pre-IOWave25 online workshop held on 4–6 August 2025, with over 120 participants from DMOs, Indian Coast Guard, Navy, NDRF, ports, shipping, oil & gas, and other sectors. INCOIS also conducted two conclaves for east and west coasts and discussed IOWave25 planning. A National Tsunami Exercise Manual was prepared and shared with all participating agencies. Coastal authorities conducted local training and coordination meetings.

West coast of India participated up to SEOC/institute level on 15 October. The east coast, except for A & N Islands, could not participate in exercise due to Cyclonic Storm Montha. A & N Islands participated up to community level on 4 November, with about 112,000 people from 16 coastal villages and 381 schools (tsunami walk) involved and evacuated to shelters. Overall public notification time was less than 10 minutes, used multiple communication channels. Tsunami Ready indicators were also tested for four Tsunami Ready implementing villages Aerial Bay, Karmatang (Mayabunder), Mus, and Campbell Bay.

Exercise Participants

On 15 Oct 2025, west coast of India participated in IOWave25 exercise up to SEOC/institute level. On 4 Nov, Andaman & Nicobar Islands conducted tsunami exercise up to community level. A total of 16 villages and 381 schools across three districts were involved and successfully evacuated. In all, 52,103 school students and teachers and 59,601 community members including disabilities, elderly, youth involved in evacuation, 111,704 participants in total.

Key agencies involved included NDMA, State/District DMOs, Indian Navy, Coast Guard, NDRF, Army, Port & Harbour, Power, Water, Fuel, Telecom, Shipping, Health, Fire & Rescue, Fisheries, and Petroleum sectors.

Lessons Learnt

IOWave25 tsunami exercise was a major success, significantly strengthening awareness and preparedness among coastal communities, especially in A & N Islands. Continued efforts are essential, including regular volunteer training, drills, and coordination meetings. SOPs should be updated, with clear post-disaster reporting systems. Communication networks to be strengthened. Community outreach should be expanded, particularly in remote and island regions. Regular mock exercises, training, and awareness programmes at community level are vital. Tsunami Ready programme should be scaled up in vulnerable coastal villages.

Further Information:

Links to the social media: @IOWave25 and #IOWave25

X (twitter): https://x.com/ESSO_INCOIS

Instagram: https://www.instagram.com/incois_official/

Facebook: <https://m.facebook.com/p/INCOISofficial-100095071570299/>

Linkdin: <https://in.linkedin.com/company/indian-national-centre-for-ocean-information-services-incois>

Andaman & Nicobar Islands Tsunami Exercise participation Reports:

[Report on Andaman & Nicobar Islands Participation in Tsunami Mock Exercise.pdf](#)

[Report on A&N Schools participation in Tsunami Exercise.pdf](#)

IOWave25 exercise News Links:

- https://incois.gov.in/documents/Reports/News/news_14102025_20251014140820.pdf
- <https://www.thehindu.com/news/national/tsunami-mock-drills-on-october-15-and-november-5/article70161855.ece>

News Clips

Table Top Exercise conducted for Inter State Mock Exercise - 2025

Exercise provides an excellent opportunity for all stakeholders to review their SOPs: CS

Sri Vijaya Puram, Nov. 1
A Table Top Exercise (TTE) was conducted yesterday under the chairmanship of Dr. Chandan Bhushan Kumar, A&N Chief Secretary, A&N Administration, in coordination with the National Disaster Management Authority (NDMA), Ministry of Home Affairs, Government of India, New Delhi. The exercise was attended by all line Departments of the A&N Administration, District Administrations (South Andaman, N&M Andaman, and Nicobar) agencies from the Armed Forces, NDRI, Police, and other stakeholders of the A&N islands. The event was held in the Conference Hall of the Secretariat, Sri Vijaya Puram, to finalize the scenario and activities for the upcoming Inter State Mock Exercise (ISME) - 2025 on Earthquake & Tsunami, scheduled to be conducted in the A&N Islands on 4th November, 2025.

The Chief Secretary extended a warm welcome to Lt. Gen. Syed Ali Hasnain (Retd), Hon'ble Member, NDMA (who joined via VC mode), in his opening address. The Chief Secretary highlighted that the Table Top Exercise provides an excellent opportunity for all stakeholders, including District Administrations, Defence Forces, Police, Fire and Emergency Services, Health, Power, Communication, and Transport Departments, to review their Standard Operating Procedures (SOPs), communication protocols, and resource mobilization plans. He emphasized that the exercise is not merely a theoretical activity but a practical simulation of coordination and decision-making processes required during real-time disaster situations. He urged all participants to actively engage in discussions, identify gaps in inter-departmental coordination, communication flow, and resource sharing, ensuring that the upcoming Inter State Mock Exercise on 4th November is conducted effectively and realistically.

Addressing the participants virtually, (Contd. on last page)

Inter State Mock Exercise-2025 on Earthquake & Tsunami in A&N Islands to be conducted on Nov. 4

Exercise aims to test Incident Response System of A&N Islands

Sri Vijaya Puram, Nov. 1
The Andaman & Nicobar Administration and National Disaster Management Authority (NDMA), Government of India, New Delhi, in collaboration with Indian National Centre for Ocean Information Services (INCOIS), MoES, Govt. of Hyderabad will conduct the Inter State Mock Exercise (ISME) - 2025 on Earthquake and Tsunami in the A&N Islands on 04th November, 2025.

This exercise aims to test the Incident Response System (IRS) of A&N, evaluate the readiness and coordination of emergency response mechanisms, and strengthen disaster preparedness across the A&N Islands by involving all Emergency Support Functionaries (ESFs), Incident Response Teams (IRTs), and local communities. The exercise forms a vital component of the Administration's continuous efforts to enhance preparedness, coordination, and resilience of all response agencies.

The Director (Disaster Management), A&N Administration has requested the general public to extend their full cooperation during the forthcoming mock exercise on earthquake and tsunami preparedness. He has advised all residents to remain calm and continue with their normal routine activities, as the exercise is a scheduled preparedness drill and poses no real threat to public safety.

Key Activities during the Exercise

- Increased Emergency Presence:** Citizens may notice increased movement of emergency vehicles such as PCR vans, Fire Tenders, Ambulances, and other specialized units across the Islands. These are part of the planned exercise and are not responding to an actual emergency.
- Simulated Scenarios:** (Contd. on last page)

'Consultation on Safeguarding the Girl Child: Towards a safer & enabling environment for Her' held

Sri Vijaya Puram, Nov. 1
The Juvenile Justice Committee, High Court at Calcutta in collaboration with Department of Social Welfare

**JUVENILE JUSTICE COMMITTEE
HIGH COURT AT CALCUTTA**

Sirens to be blown during Inter State Mock Exercise - 2025 to be held on Nov. 4; general public urged to not to panic

Sri Vijaya Puram, Nov. 1
The general public have been informed that the Sirens have been installed in the premises of Secretariat, DBLAIAT, DSS, Marina, Chathaim Saw Mill (Forest Dept), Police Station Aberdeen, Police Station Palparagon, Police Station Chatham, [NIM], Fish Landing Centre, Jungighat, IOC, Forest Guest House Corbyn's Cove, Police Station Bambooflat, Police Station, Ongabari, Police Station, Choudhury, Police Station, Humfreygunj, O.P. Wimberlygunj, O.P. Forrington, Police Booth, Harithapu, O.P. Tirur, Tirur Jarawa Protection Post, O.P. Radhamagar, Rajiv Gandhi Aquaculture, Kadiviyal, Police Station, Shahid Dweep, Police Station, Swami Dweep, Nimbolata, Raangal, O.P. 19 Km, R.K. Pur, I/Andaman, Fire Station, Hul Bay (I/Andaman), EOC, Car Nicobar, A.E. Office, AFWD, Teressa, JE Office, AFWD, Chowra, A.E. Office, AFWD, Katchal, EOC, Kamorta and EOC, Campbell Bay for use of issuance of alerts & warnings to the general public during any disaster/emergency through blowing of sirens at high pitch/volume.

The above Sirens will be blown in the following manner during Inter State Mock Exercise - 2025 schedule to be held on Nov. 4 from 06:15 am to 10:30 am for issuance of simulated alerts and warnings to start Mock Exercise, rescue and operations:

| SL No. | Threat Status | Earthquake & Wave Amplitude Criteria | Duration of Sirens to be Blown at the time of Threat | Advice Action |
|--------|---|--------------------------------------|--|--|
| 0.1. | EQ- E&M Wave Amplitude below 0.5 Mts. | One Long Blast | One Long Blast | No immediate action is required. However, watch to keep on the change in magnitude and intensity of the event. |
| 0.2. | EQ- E&M Wave Amplitude 0.50 to 2.0 Mts. | Two Long Blast | 1) People in sea bathers and visitors needs to move to safe ground 2) Vessel to move into deep waters | 1) People in affected areas to evacuate 2) Vessel to move into deep waters |
| 0.3. | EQ- E&M Wave Amplitude above 2.00 Mts. | Three Blast | Long | 1) People in affected areas to evacuate 2) Vessel to move into deep waters |

Sirens of Electronic Display Board installed at Police Control Room, State Control Room, Jungighat (Fisherries Dept), Met Office, MRCC, JOC, INS Jarawa, Fisherries Dept at Raangal, EOC at Mayabunder, MRCC at Diglipur, Fisherries Dept, at Hul Bay, EOC at Kamorta, EOC at Car Nicobar, and MRCC & EOC at Campbell Bay will also be blown in a similar manner.

The general public have been requested not to panic during blowing of sirens for Inter State Mock Exercise 2025 Nov. 4 from 06:15 am to 10:30 am. In case of any unexpected changes or updates, the public will be notified through local news, social media, etc. For any inquiry may contact (Helpline No. 112, 1070, 1077), a press release from Directorate of Disaster Management said.

Inter-State Mock Disaster Management Exercise on Earthquake & Tsunami conducted in A&N Islands

Staff Correspondent
Sri Vijaya Puram, Nov. 4
An Inter-State Mock Disaster Management Exercise (ISME-2025) Earthquake & Tsunami was conducted today by the Directorate of Disaster Management, A&N Administration, in coordination with the National Disaster Management Authority (NDMA), New Delhi, Indian National Centre for Ocean Information Services (INCOIS), Hyderabad, Andaman & Nicobar Command (ANC), National Disaster Response Force (NDRF), District Administrations and other Emergency Support Functionaries (ESFs) of the A&N Islands. The exercise simulated an earthquake followed by a tsunami scenario.

Stakeholders in the A&N Islands, ISME-2025, Hyderabad, to the State Emergency Operation Centre (SEOC) at Aga Khan, Prahaadhan Bhawan, Sri Vijaya Puram. During the exercise, authorities at 8:45 AM tsunami sirens were activated across the entire UT of A&N Islands. Alerts and warnings were issued, and Incident Response Teams (IRTs) carried out operations at identified incident sites. Search and Rescue (SAR) teams were deployed by the District Administrations, with assistance from the A&N Command and NDRF for rescue and evacuating operations. Various Departments, including Police, AFWD, Shipping, Controller of Ports, SVPMC, Education, and (Contd. on last page)

District Administration, N&M Andaman to launch "Sampark se Samadhan - Prashasan Gaon Ki Ore"

Mayabunder, Nov. 4
The District Administration, North & Middle Andaman will launch a new grassroots public outreach initiative titled "Sampark se Samadhan-Prashasan Gaon Ki Ore" on Nov. 5 from the Deputy Commissioner (N&M), North & Middle Andaman will aim at enhancing direct engagement with citizens and strengthening participatory governance across the district. This initiative has been designed to bring the Administration to the doorstep of people and (Contd. on last page)