

United Arab Emirates UAE



Webinar:
Lessons Learnt during
Exercise IOWave 2025

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Scenarios Exercised

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

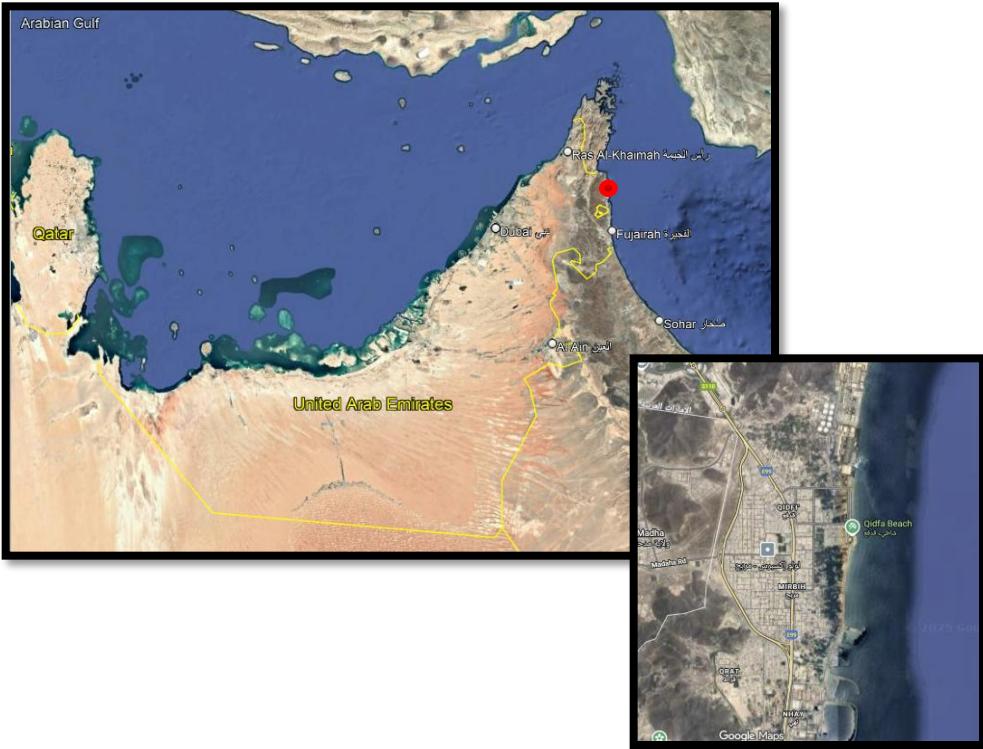
Others



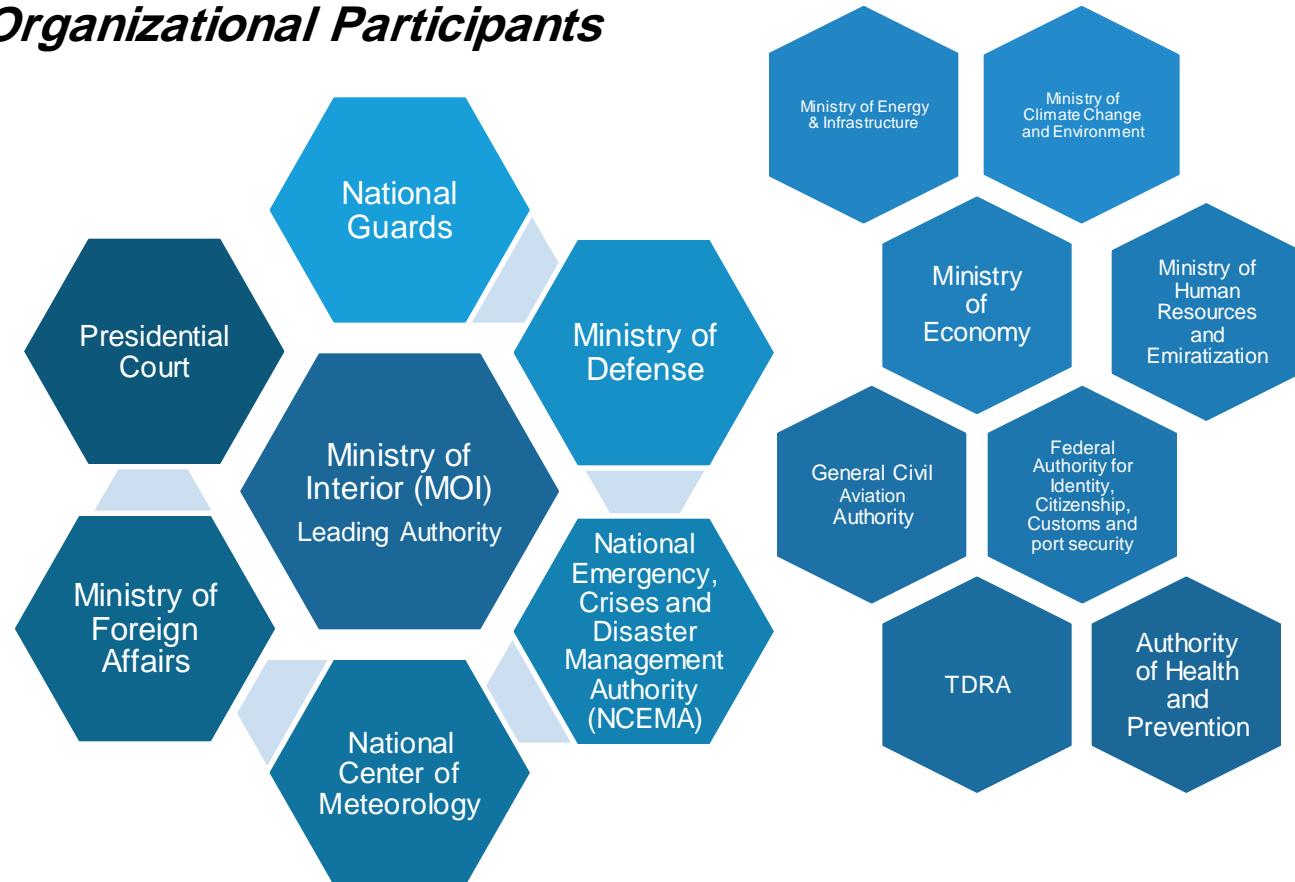
Exercise Participants

- **Participated Community**

QIDFA, Emirate of Fujairah



- **Organizational Participants**



Exercise Participants

- ***Participation segments***

Diverse community groups including all genders, people of disabilities, the elderly, and youth, hospitals, hotels, beachgoers, home residents, businesses and schools.

- ***Total people participated: 108.***



National Tsunami Warning & Mitigation System

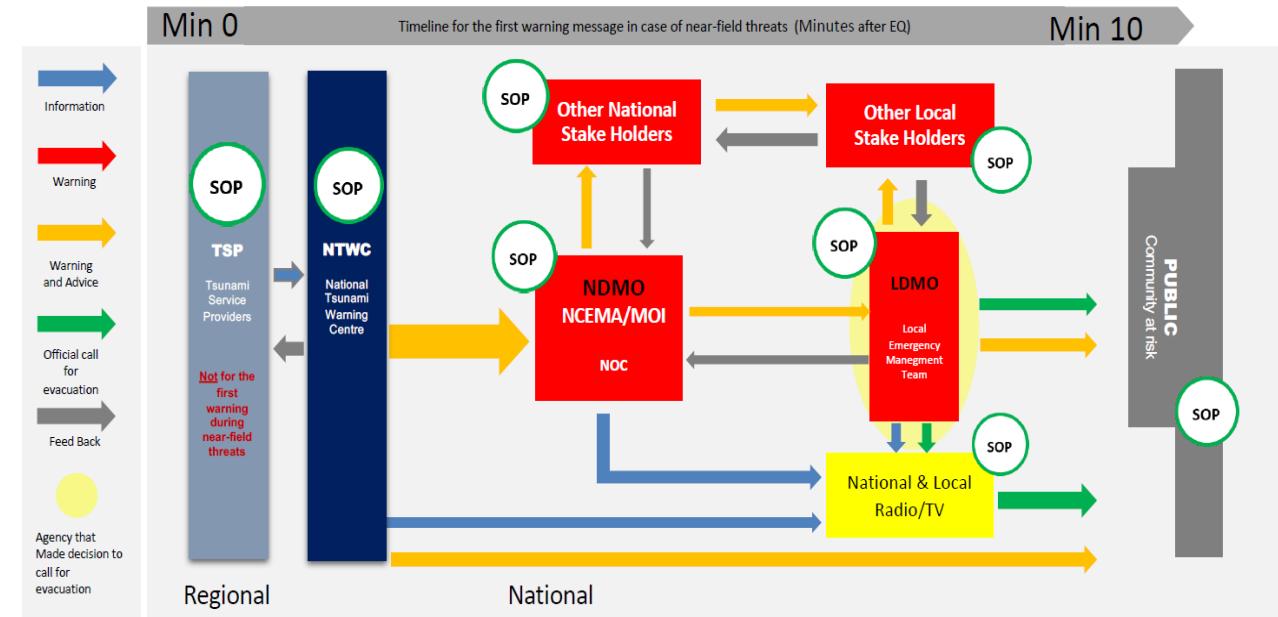
*Involved Organizations in the Warning Chain are
MOI, NCEMA, NCM, MEDIA*

Tsunami Warning Alerts issued by NCM

Calling for Evacuation carried by LDMO

Participation segments

- Ministry of Interior (MOI), National Center of Meteorology (NCM), National Authority of Emergency Crisis and Disaster Management (NCEMA), Local Government entities and Other related stakeholders in the Natural Disaster Plan.
- Diverse community groups: All genders, people of disabilities, the elderly, and youth, hospitals, hotels, beachgoers, home residents, businesses and schools.



Support to communities to get prepared

Preparation

- *Direct supervision by His Excellency the Commander-in-Chief of Fujairah Police and senior relevant officers, with continuous oversight of the exercise's progress.*
- *High readiness of strategic partners within the National Plan to provide support and assistance to the lead agency, each in accordance with their duties, mandates, and responsibilities.*
- *Realism of the exercise through simulation scenarios based on comparable real events.*
- *Implementation of required standards and specifications in line with UNESCO requirements, including signage, evacuation routes, and safe assembly areas.*
- *Clear evacuation system from the incident site and the subsequent procedures.*
- *Clarity of communication procedures and the use of various media tools throughout all stages of the exercise, with comprehensive media coverage.*

National Organisation of Exercise IOWave25



Exercise Preparation

- The exercise was organized by the Ministry of Interior, in coordination with federal and local entities, and prepared in alignment with the National Plan for natural disaster response, including tsunami hazards. The preparation phase also involves ongoing public awareness and education efforts to ensure that all community members are well-informed about emergency procedures and safety requirements.

Exercise Execution

- It was carried out through multiple phases, beginning with a tabletop exercise during which roles were assigned to participating entities and readiness was verified in accordance with the National Plan.
- The second phase consisted of a drill exercise involving evacuation and sheltering procedures, engaging diverse community groups, including schools, hospitals, Beachgoers, home residents, businesses, hotels, people with disabilities, elderly and youth.



National Organisation of Exercise IOWave25

Exercise Evaluation

- The evaluation was carried by Ministry of Interior exercise evaluation team in accordance with internal evaluation standards and UNESCO-recommended criteria. In addition, the exercise was evaluated in accordance with internal performance indicators and the criteria recommended by UNESCO.

TSUNAMI READY INDICATORS	
I	ASSESSMENT (ASSESS)
1	ASSESS-1. Tsunami hazard zones are mapped and designated.
2	ASSESS-2. The number of people at risk in the tsunami hazard zone is estimated.
3	ASSESS-3. Economic, infrastructural, political, and social resources are identified.
II	PREPAREDNESS (PREP)
4	PREP-1. Easily understood tsunami evacuation maps are approved.
5	PREP-2. Tsunami information including signage is publicly displayed.
6	PREP-3. Outreach and public awareness and education resources are available and distributed.
7	PREP-4. Outreach or educational activities are held at least 3 times a year.
8	PREP-5: A community tsunami exercise is conducted at least every two years.
III	RESPONSE (RESP)
9	RESP-1. A community tsunami emergency response plan is approved.
10	RESP-2. The capacity to manage emergency response operations during a tsunami is in place.
11	RESP-3. Redundant and reliable means to timely receive 24-hour official tsunami alerts are in place.
12	RESP-4. Redundant and reliable means to timely disseminate 24-hour official tsunami alerts to the public are in place.

Lessons Learnt



Strengths

The exercise demonstrated strong leadership oversight, high readiness of strategic partners, and realistic simulation scenarios aligned with UNESCO requirements. Clear evacuation procedures and effective communication systems contributed to the overall strength and credibility of the exercise.

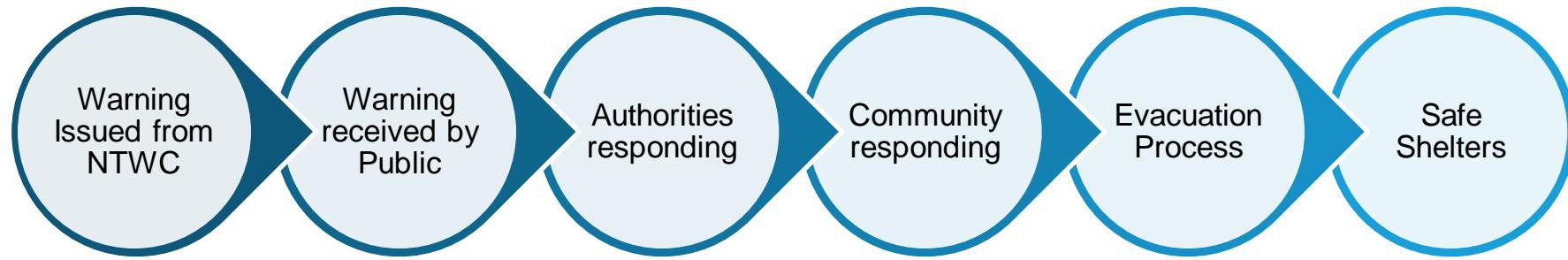
Area of improvement

Continuously using and evolving technology to improve the exercise to the maximum of benefits, adaptive, and realistic, ensuring that people practice in more like real emergencies.

Future involvement of at-risk communities

- Strengthen disaster readiness by ensuring effective testing of warning systems, verifying local capabilities, and improving data accuracy in at-risk areas.
- Enhance public awareness—especially for tsunamis by promoting education and preparedness measures to reduce potential impacts.

Images



Media Participation

Exercise Video





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Intergovernmental
Oceanographic
Commission



THANK YOU