



United Arab Emirates (UAE)

Scenarios Exercised:

- Andaman Trench (4 Oct)
- Makran Trench (11 Oct)

- Heard Island (18 Oct)
- Java Trench (25 Oct)



Figure 1. Example of the warning messages and evacuation call received by the public from warning system of lead agency (MOI).

Figure 2. Community evacuation drill during Exercise IOWave23 in the UAE (MOI).

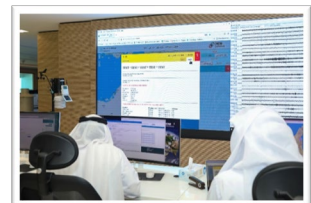


Figure 3. During IOWave23, 24/7 operation center for monitoring, warning dissemination, during the exercise (NCM).

Exercise Participants

- **Organizations:** Ministry of Interior (MOI). National Center of Meteorology (NCM). National Emergency Crisis and Disaster Management Authority (NCEMA). Local Government Bodies. Other related Stakeholders in the Natural Disaster Plan.

- Approximately 500 people including residents, visitors, local authorities, and NGOs.

- Evacuation exercise in Al Righailat area in the Emirate of Fujairah, UAE.

- Participation from all community categories (Men, Women, children, elders, youngsters and people of determination).

Lessons Learnt

-Essential **Regular monitoring and evaluation** of the warning system's performance, and **periodic review and update** to account for changing conditions, to fine-tune the system, improve response times, and reduce false alarms.

-Importance of **constant catch-up and cooperation** with the regional and international tsunami early warning systems, by **exchanging the experiences and practices** between countries, bringing into line with the **latest technology** in the field, and developing **joint international strategies** to confront the tsunami.

National Tsunami Warning & Mitigation System

The UAE has multiple mitigation measures in place:

-**EWS-UAE:** NCM is responsible for issuing tsunami warnings in the UAE to the NDMOs (MOI and NCEMA). Then MOI Multi-Hazard early warning system provides residents with advance notice of a tsunami, giving them time to evacuate to safety.

-**Evacuation plans:** LDMO (MOI) is responsible calling for evacuation in the UAE in the event of a tsunami warning. The MOI with their stakeholders has developed evacuation plans for all coastal areas in the UAE.

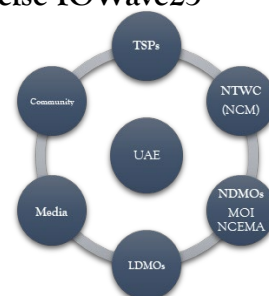
-**Public education:** MOI and NCM with other agencies conduct public education campaigns to raise awareness of tsunamis and how to stay safe.

The UAE has also established various **national initiatives** to assist vulnerable communities in preparing for tsunamis, including Tsunami drills, Tsunami awareness campaigns, and Tsunami hazard maps.

National Organisation of Exercise IOWave23

Coordination among agencies:

The exercise maintain the ability of the various agencies involved in the tsunami **warning and response** chain to coordinate **their efforts effectively**.



-The exercise was a success. The NCM and MOI was able to issue **timely and accurate tsunami warnings**, and **at-risk communities** were able to evacuate safely.

-The Exercise was a **valuable opportunity** to maintain the UAE's tsunami **warning and response** system and to engage different communities.

- Even though UAE is **classified as a low multi-hazard risk zone**, the UAE still involves, continuously, different communities and leading bodies in **periodic exercises** to raise awareness and constant reminding of the potential dangers that follow Hazards, especially tsunamis, to maintain **community sustainability and resilience** by enhancing **permanent preparedness and readiness** to respond in case of danger.

Further Information:

Please send to UNESCO-IOC IOTIC and ICG/IOTWMS Secretariat:

1. Videos of activities undertaken in IOWave23
2. Links to social media (X, Instagram, Facebook, LinkedIn) related to IOWave23
3. Links to online media related to news and coverage of IOWave23

Facebook:

- Notice MOI-UAE

https://m.facebook.com/story.php?story_fbid=pfbid014xUamzzXiEgrMfNF2n4uQ1A8gAex4UvB15nprtVNB8W4cGGxAFALjwZJhtvyyx1I&id=100044594252070&mibextid=csC8WJ

- Video (MOI-UAE Security Media)

https://www.facebook.com/watch/?v=845878573928913&extid=NS-UNK-UNK-UNK-IO5_GK0T-GK1C&ref=sharing&mibextid=csC8WJ

Twitter:

- Notice MOI-UAE

<https://twitter.com/moiuae/status/1711654393957744921?s=20>

- Video (MOI-UAE Security Media)

<https://twitter.com/moiuae/status/1712789244660404605?s=20>

Instagram:

- Video (MOI-UAE Security Media)

<https://www.instagram.com/reel/CyVjKeJrwOb/?igshid=MTc4MmM1Yml2Ng==>

- Notice MOI-UAE

https://www.instagram.com/p/CyNgAkIJ5sC/?igshid=MzRIODBiNWF1ZA%3D%3D&img_index=1

Newspaper articles:

- Al Khaleej on October, 2023

www.alkhaleej.ae/2023-10-08/-التمارين-الدولي-الإمارات-تشارك-في-التمرين-الدولي-محاكاة-تسونامي-بالمحيط-الهندي/أخبار-من-الإمارات/أخبار

- UAEBARQ on October 10, 2023

<https://www.uaebarq.ae/ar/2023/10/10/-التمرين-الدولي-غداً-تنفيذ-التمرين-الدولي-محاكاة-تسو/>

- Riyadhherald-Gulf on October 10, 2023

<https://riyadhherald.com/gulf//تدريب-الإمارات-تسونايمي-تدريب-الإمارات-تسونايمي>

- Albayan on October, 2023

<https://www.albayan.ae/across-the-uae/2020-10-24-1.3995002>

- نبض on October 1, 2023

<https://nabd.com/s/126269476-43b1b7/>

- ARN new SCentre on October 1, 2023

<https://www.arnnewscentre.ae/ar/news/-أخبار-محلية-غدا-تنفيذ-التمرين-الدولي-محاكاة-تسونامي>