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**Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System
in the North-eastern Atlantic, the Mediterranean and connected seas Report to the 55th**

Session of IOC Executive Council

Maria Ana Baptista Chair of ICG/NEAMTWS

KEY GOVERNANCE MEETINGS



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The Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and Connected Seas (ICG/NEAMTWS) met online/hybrid for its 17th Session 24–26 November 2021. Key agenda items:

- ✓ **Tsunami Ready Implementation**
- ✓ **New IOC EU DG ECHO Project**
- ✓ **Evaluation of NEAMWave Exercise**

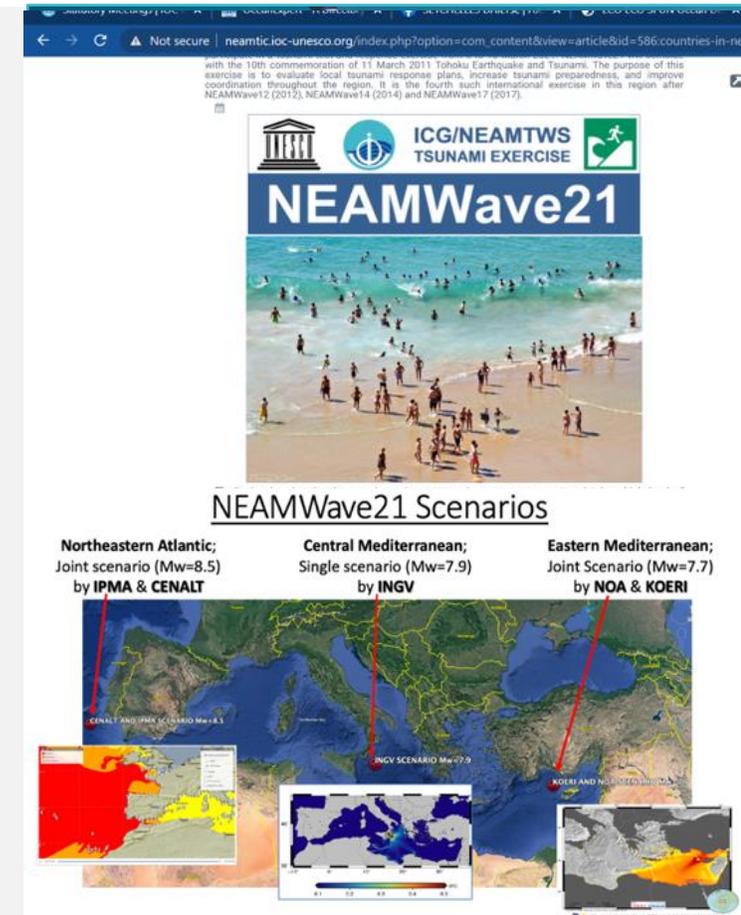
NEAMWAVE EXERCISE MARCH 2021



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- The fourth tsunami exercise for the region, NEAMWave21 was conducted between 8 and 10 March 2021 within the context of the ongoing health pandemic.
- The five accredited Tsunami Service Providers (TSPs) in the region issued exercise messages using three different scenarios prepared for the:
 1. Eastern Mediterranean
 2. Central Mediterranean
 3. North-Eastern Atlantic domains



NEAMWAVE EXERCISE MARCH 2021



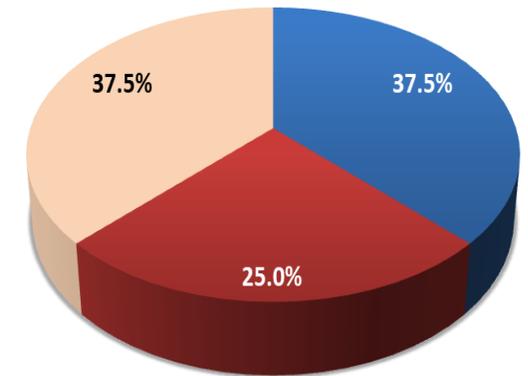
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08.03.2021, TSPs KOERI (Turkey) and NOA (Greece) joint scenario in the Eastern Mediterranean based on an M7.7 earthquake - Cyprian Arc.

09.03.2021 TSP INGV (Italy) single scenario, Central Mediterranean, an earthquake of magnitude M7.9 subduction interface of the Calabrian Arc.

On 10 March 2021, TSP CENALT (France) and TSP IPMA (Portugal) executed joint scenario for the North-Eastern Atlantic, 1755 M8.6 Lisbon earthquake



■ East Mediterranean ■ Central Mediterranean ■ North-eastern Atlantic

Member state participation in phase A (early warning) detection of the earthquake event and the timely provision of the alert messages by the TSPs

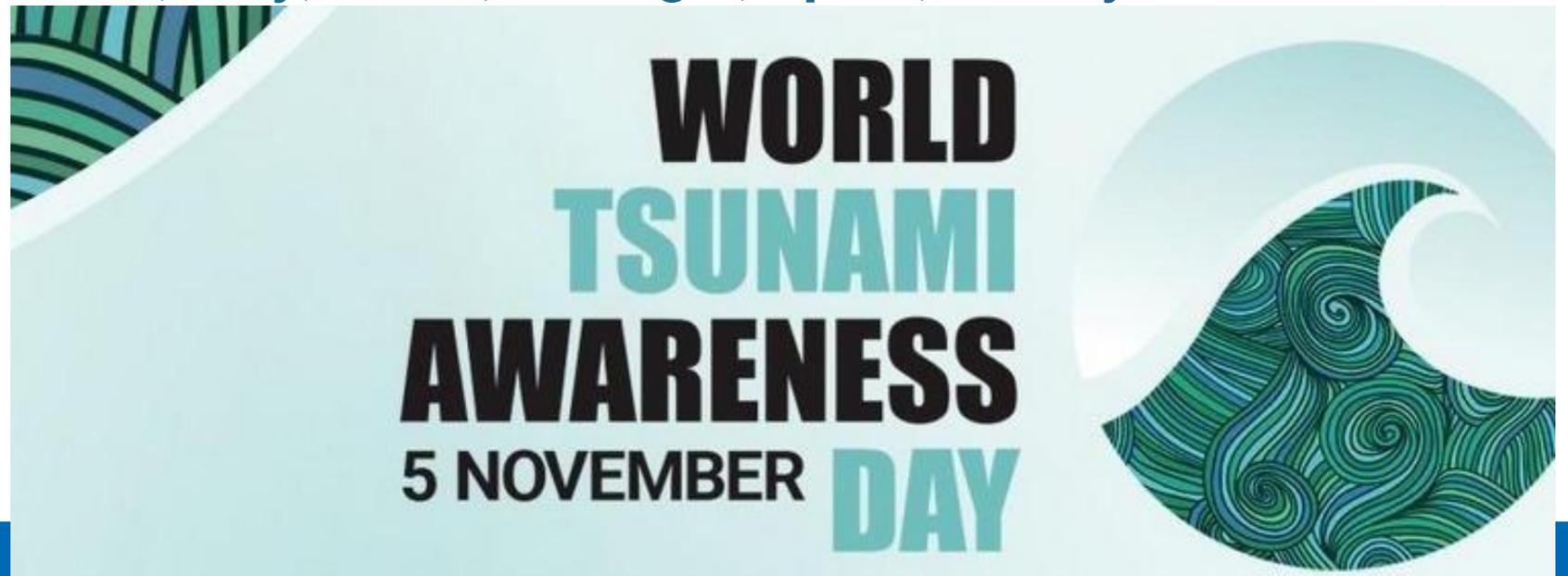
WTAD 2022



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The ICG/NEAMTWS, Recognized the continued awareness-raising efforts on tsunami hazards and preparedness by the Member States during the intersessional period in line with and as a contribution to World Tsunami Awareness Day, 5 November 2021; To note that an increasing number of MS organized activities on WTAD: Egypt, Greece, France, Italy, Malta, Portugal, Spain, Turkey



COOPERATION



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The ICG NEAMTWS, also notes the first national tsunami exercises conducted in Malta and France to commemorate the World Tsunami Awareness Day (WTAD) supported by EC and JRC



COASTWAVE NEAMTWS



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New IOC European Union DG-ECHO (European Civil Protection and Humanitarian Aid Operations) NEAMTWS project on:

“Strengthening the Resilience of Coastal Communities in the North-Eastern Atlantic, Mediterranean Region to the Impact of Tsunamis and Other Sea Level-Related Coastal Hazards.” CoastWave project

Kick-off meeting took place last 21 December 2021

benefitting countries	North Eastern Atlantic and Mediterranean Sea: Cyprus, Egypt, Greece, Malta, Morocco, Spain, and Turkey
Technical Advise	France and Italy
Area of influence	40 NEAMTWS Member States
Period	01/09/2021 --- 30/03/2024



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**Funded by the
European Union**

COASTWAVE NEAMTWS



2021
2030 United Nations Decade
of Ocean Science
for Sustainable Development



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1. Understanding of tsunami and sea-level related risks.
2. Communication strategies to govern sea-level related risks
3. Real time detection and monitoring capacities
- 4 Framework + sustainability of the existing Inexpensive Device for Sea Level (IDSL) Network



Detection & Monitoring

Alert Systems

Risk Perception & Communication Strategies

Tsunami Ready Recognized Communities

Tsunami Ready

UN Ocean Decade: Side Event Cairo Egypt

**Resilient and Safer Coasts”
at the African Conference on
Priority Setting &
Partnership Development for
the UN Decade of Ocean
Science for Sustainable
Development 10-12 May
2022, Cairo, Egypt**



TSUNAMI READY



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- ✓ The ICG-NEAMTWS appreciated the progress made by the communities of Bouches-du-Rhône and Cannes (France); Kos (Greece); Israel; Minturno, Pachino, Palmi (Italy); Marsaxlokk (Malta); Azores, Cascais, Lagos, Lisboa, Madeira, Portimão, Setúbal (Portugal); Chipiona (Spain), Bodrum and Istanbul (Turkey) towards becoming Tsunami Ready and prepared
- ✓ New Task Team on Tsunami Ready

Seventeenth Session of the ICG/NEAMTWS : Ten Tsunami Ready Recognized Communities by 2023 as a Contribution to Making 100% of Communities at Risk of Tsunami Prepared for and Resilient to Tsunamis

Date: 14 December 2021



New Sea Level Detection System



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The ICG-NEAMTWS recognized and acknowledged the new sea level observation network launched by Italy to help enhance the detection, monitoring of tsunamis, and other sea level hazards in the Mediterranean Region



http://neamtic.ioc-unesco.org/index.php?option=com_content&view=article&id=592:italy-launches-new-sea-level-observation-network-to-help-enhance-the-detection-monitoring-of-tsunamis-and-other-sea-level-hazards-in-the-mediterranean-region&catid=400:news&Itemid=674

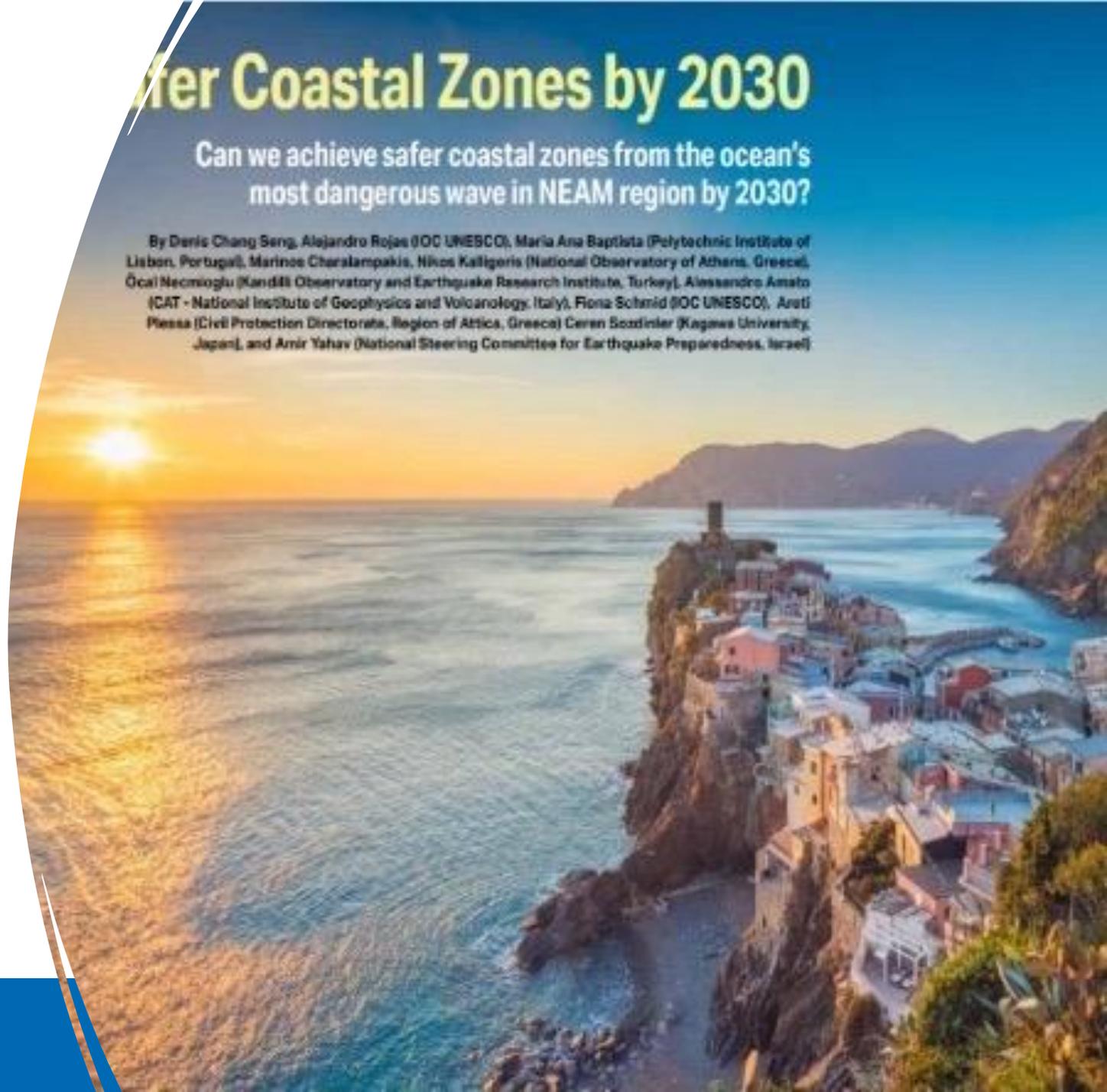
NEAMTWS STRATEGY

**ICG/NEAMTWS 2030
Strategy in line with the
UN Ocean Science
Decade for Sustainable
Development and
encouraged Member
States to participate in
the activities**

safer Coastal Zones by 2030

Can we achieve safer coastal zones from the ocean's most dangerous wave in NEAM region by 2030?

By Denis Chang Seng, Alejandro Rojas (IOC UNESCO), Maria Ana Baptista (Polytechnic Institute of Lisbon, Portugal), Marinou Charalampakis, Nikos Kalligeris (National Observatory of Athens, Greece), Öcal Necmioğlu (Kandilli Observatory and Earthquake Research Institute, Turkey), Alessandro Amato (CAT - National Institute of Geophysics and Volcanology, Italy), Fiona Schmid (IOC UNESCO), Areti Plessa (Civil Protection Directorate, Region of Attica, Greece) Ceren Sozdinler (Kagawa University, Japan), and Amir Yahav (National Steering Committee for Earthquake Preparedness, Israel)



To organize and conduct the NEAMWave 23 tsunami exercise within the first week of the World Tsunami Awareness Day, 5 November 2023.

The group will follow the ongoing SMART Cable initiatives to improve TWS in the future



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THANK YOU !

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