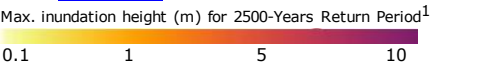


DG ECHO and JRC Contribution to Tsunami Early Warning System

The European Commission is involved in all aspects of tsunami preparedness across the NEAM region. The map displays the contribution of DG ECHO and JRC in regards to hazard assessment (TSUMAPS-NEAM), early warning systems (installed devices, also in Indonesia) and public awareness and early action (by means of different projects).

Probabilistic tsunami hazard
calculated along the 50m bathymetry
Source: [TSUMAPS-NEAM](#)



Sea-level measurement instruments installed by the European Commission

- Installed IDSL (51)
Inexpensive Device for Sea-Level Measurement
Source: [JRC](#)
- GDSL (IDSL-GPS)
Source: [JRC](#)
- Other sea-level measurement instrument (4)
Installed by the JRC

Tsunami Alerting Device (TAD)

- Installed TAD (7)
Source: [JRC](#)

UNESCO CoastWAVE project (DG ECHO-funded)

- Participating country²
- Tsunami Ready candidate communities under the CoastWAVE project

Other projects

- Tsunami Analysis Tool (TAT)
- Tsunami Services Providers ([NEAMTWS](#) Programme)
- JRC Tsunami Last Mile Project
- Copernicus [FMSN078](#) Tsunami preparedness risk assessment

Only countries with installed devices and/or projects are labelled.



*This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo Declaration of Independence.
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¹Map produced using the 84th percentile of the epistemic uncertainty. ²Italy and France as supporting countries.
CENALT: French National Tsunami Warning Centre. INGV: National Institute of Geophysics and Volcanology. IPMA: Portuguese Institute of the Sea and the Atmosphere. KOERI: Kandilli Observatory and Earthquake Research Institute. NEAMTWS: Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas. NOA: National Observatory of Athens.