



**NEAMTWS**  
*North Eastern Atlantic, Mediterranean and connected seas Tsunami Warning and Mitigation System*

Accredited TSPs: Centre d'Alerte aux Tsunamis (CENALT), Instituto Português do Mar e da Atmosfera (IPMA), Istituto Nazionale di Geofisica e Vulcanologia (INGV), Kandilli Observatory and Earthquake Research Institute (KOERI), National Observatory of Athens (NOA)

The services provided by the US National Tsunami Warning Center are outside the framework of the IOC coordinated tsunami warning systems.

**PTWS**  
*Pacific Tsunami Warning and Mitigation System*

Northwest Pacific Tsunami Advisory Center / Japan Meteorological Agency (NWPTAC/JMA)

Pacific Tsunami Warning Center (PTWC)

South China Sea Tsunami Advisory Center/ National Marine Environmental Forecasting Center of P. R. China (SCSTAC/NMEFC)

**CARIBE-EWS**  
*Tsunamis and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions*

Service provided by Pacific Tsunami Warning Center (PTWC)

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Service is provided by the Indonesian Tsunami Early Warning System (InaTEWS) at the BMKG, outside the framework of the IOC-coordinated tsunami warning systems.

**IOTWMS**  
*Indian Ocean Tsunami Warning and Mitigation System*

Indonesian Regional Tsunami Service Provider (InaRTSP), Indian Tsunami Early Warning Centre (ITEWC), Joint Australian Tsunami Warning Centre (JATWC)

**Existing Services of the Global Tsunami Warning System**

This map indicates the area of coverage for each of the four Intergovernmental Coordination Groups for the tsunami warning systems (CARIBE-EWS, IOTWMS, NEAMTWS, PTWS) as well as the Areas of Service of the Tsunami Service Providers (TSP). The lighter and narrower shading indicates areas in which services are under development.

This map is schematic and does not reflect exact boundaries, nor are all islands plotted or highlighted. The designations employed on this map do not imply the expression of any opinion whatsoever on the part of the Secretariats of UNESCO and IOC concerning the legal status of any country or territory, or its authorities, or concerning the delimitation of the frontiers of any country or territory.

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For more information: <http://www.ioc-tsunami.org/>