



Probabilistic TSUnami Hazard MAPS  
for the NEAM Region (Tsumaps-NEAM)  
ECHO/SUB/2015/718568/PREV26



NEAM Tsunami Hazard Model 2018 (NEAMTHM18):  
online data of the Probabilistic Tsunami Hazard Model for  
the NEAM Region from the Tsumaps-NEAM project.



<http://www.tsumaps-neam.eu/neamthm18/>

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## Abstract

The NEAM Tsunami Hazard Model 2018 (NEAMTHM18) is a probabilistic hazard model for tsunamis generated by earthquakes. It covers the coastlines of the North-East Atlantic, the Mediterranean, and connected Seas (NEAM). In this online data product, the hazard results are provided by hazard curves calculated at 2,343 Points of Interest (POI), distributed in the North-East Atlantic (1,076 POIs), the Mediterranean Sea (1,130 POIs), and the Black Sea (137 POIs) at an average spacing of ~20 km. For each POI, hazard curves are given for the mean, 2nd, 16th, 50th, 84th, and 98th percentiles. Maps derived from hazard curves are Probability maps for Maximum Inundation Heights (MIH) of 1, 2, 5, 10, 20 meters; Hazard maps for Average Return Periods (ARP) of 500, 1,000, 2,500, 5,000, 10,000 years. For each map, precalculated displays are provided for the mean, the 16th percentile, and the 84th percentile. All data are also made accessible through an interactive web mapper and through Open Geospatial Consortium standard protocols. The documentation of the NEAM Tsunami Hazard Model 2018 (NEAMTHM18) by Basili et al. (2018) is available for download from <http://www.tsumaps-neam.eu/documentation/>. The model was prepared in the framework of the European Project TSUMAPS-NEAM (<http://www.tsumaps-neam.eu/>) funded by the mechanism of the European Civil Protection and Humanitarian Aid Operations (grant no. ECHO/SUB/2015/718568/PREV26).

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The screenshot shows the website for the NEAM Tsunami Hazard Model 2018 (NEAMTHM18). The page features a navigation menu with options like 'ABOUT TSUMAPS-NEAM', 'WHAT WE DO', 'PTHA', 'NEWS', 'EVENTS', 'TSUNAMI GLOSSARY', and 'CONTACT US'. The main content area is titled 'NEAMTHM18' and 'NEAM Tsunami Hazard Model 2018 (NEAMTHM18)'. It includes a description of the model as 'Online data of the Probabilistic Tsunami Hazard Model for the NEAM Region from the TSUMAPS-NEAM project'. There are sections for 'Access links' (with 'Go to mapper' and 'Go to services (under revision)'), 'License', 'Citation', and 'Abstract'. A sidebar on the right contains a 'Subscription' form, a 'Kick-off Meeting' image, and a 'Technical Review Meeting' image. The footer includes 'Acknowledgments' and logos for 'uma.es', 'HySEA', and 'Cineca'.