



Tsunami Hazard Assessment for the North East Atlantic

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Potential tsunamigenic sources in the NE Atlantic are studied for a regional tsunami hazard assessment within the framework of the EU project TRANSFER (Tsunami Risk and Strategies for the European Region).

Both near-field and far-field sources are considered. Potential rockslides located in the fjords in Western Norway are the only high risk tsunamigenic sources identified in the North East Atlantic, whereas landslides off the Norwegian continental margin, rockslides in Northern Norway, as well as earthquakes off the Portuguese coastline are identified as sources constituting moderate tsunami hazard.

The modeling and evaluation of the corresponding tsunami scenarios will be presented, including tsunami inundation modelling and risk assessment for the village Hellesylt, Storfjorden, Western Norway.