Coordinator



Participants





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mediate-project

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Funded by the European Union

Multi-hazard and risk informed system for Enhanced local and regional Disaster risk management

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Objectives

Testbeds

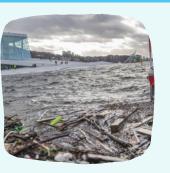
The project

Improving multi-hazard assessments of natural hazards and highlighting potential trends due to climate change.

Improving multi-hazard risk assessments accounting for interactions and trends in their components.

Advancing beyond the state-of-the art in multi-hazard hazard and risk approaches by developing dynamic and future-centric risk-framing tools that effectively address the decisionmaking needs of various stakeholders, including local government, businesses and citizens

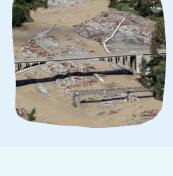
Providing decision makers with a means of visualising the components of disaster risk and resilience, the stakeholders' preferences and the effect of different actions and alternate futures on possible scenarios for an area, considering the multiple hazards that are present and how these (and other risk components) may change with time.



Nice (France) Main hazards: Floods Landslide Storm Heatwaves Forest fires



Austurbrù (Iceland) Main hazards: Floods Landslides Storm



Oslo (Norway)

Main hazards:

Forest fires

Floods

Storm

Landslides

Earthquakes

Essex County Council (UK) Main hazards: Flood Drought



Climate change is acting all over the world, in different ways, often causing damage to structures, populations and the environment.

MEDiate is a 3-year project that aims to develop a decision (DSS) for system support disaster risk management by considering multiple interacting natural hazards and cascading impacts using a novel resilientinformed and service-oriented approach that accounts for forecasted modifications in the vulnerability hazard, and exposure.

