New Directions in Seismic Hazard assessment through Focused Earth Observation in the Marmara Supersite

Fact Sheet

Project Information

MARSITE
Grant agreement ID: 308417

Funded under
FP7-ENVIRONMENT

Overall budget
€ 7 769 608,60

EU contribution
€ 5 965 286,45

Project website

Status
Closed project

Coordinated by
BOGAZICI UNIVERSITESI
Turkey

Start date
1 November 2012

End date
30 April 2016

Objective

The recent devastating earthquakes and associated tsunamis in Japan, Indonesia, and Haiti, which killed more than half a million people, highlighted how mankind is still far away from a satisfactory level of seismic risk mitigation. Among the regions around the Mediterranean Sea for which earthquakes represent a major threat to their social and economic development, the area around the Marmara Sea, one of the most densely populated parts of Europe, is subjected to a high level of seismic hazard. For this region the MARSITE project is proposed with the aim of assessing the “state of the art” of seismic risk evaluation and management at European level. This will be the starting point to move a “step forward” towards new concepts of risk mitigation and management by long-term monitoring activities carried out both on land and at sea.

The MARSITE project aims to coordinate research groups with different scientific skills (from seismology to engineering to gas geochemistry) in a comprehensive monitoring activity developed both in the Marmara Sea and in the surrounding urban...
monitoring activity developed both in the Marmara Sea and in the surrounding urban and country areas. The project plans to coordinate initiatives to collect multidisciplinary data, to be shared, interpreted and merged in consistent theoretical and practical models suitable for the implementation of good practices to move the necessary information to the end users.

Field of science
/natural sciences/earth and related environmental sciences/geology/seismology
/engineering and technology/environmental engineering/energy and fuels/fossil energy/gas
/social sciences/other social sciences/social sciences interdisciplinary/sustainable development
/social sciences/sociology/governance/crisis management/seismic risk management
/natural sciences/earth and related environmental sciences/geochemistry

Programme(s)

Topic(s)

Call for proposal
FP7-ENV-2012-two-stage

Funding Scheme
CP - Collaborative project (generic)

Coordinator

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Higher or Secondary Education Establishments
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