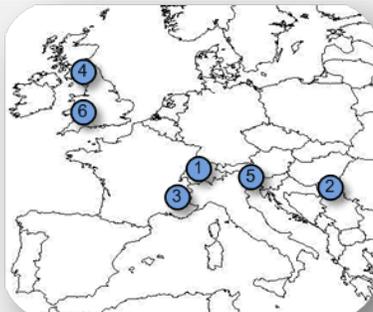


Case studies



Name	Type	Water-related hazards
① Alpine catchments	Small catchments	Floods & Landslides
② Danube	Trans-boundary large river	Large-scale inundations
③ Barcelonette	Mountainous catchment	Landslides & debris flows
④ Carlisle	Urban area	Urban floods
⑤ Soča-Isonzo	Trans-boundary catchment	Floods & landslides
⑥ Somerset	Coastal area	Storm surges

Partners



11 partners, 6 countries

Coordination

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KULTURisk

Knowledge-based approach
to develop a cULTURE of
Risk prevention



FP7-ENV.2010.1.3.2-1 | Project No 265280

Objective

To reduce human losses and economic damages caused by disasters around the globe, risk prevention still needs to be promoted.

In the European context, the KULTURisk project aims to assess and demonstrate the potential benefits of different risk prevention measures in the reduction of damages produced by water-related hazards, such as floods and landslides.

This demonstration will initiate a culture of risk prevention, which can then be extended to other types of natural hazards, such as earthquakes and forest fires.

KULTURisk will develop a culture of risk prevention and demonstrate its advantages over traditional post-disaster recovery approaches.

Approach

WP1. Methodology to evaluate the benefits of risk prevention

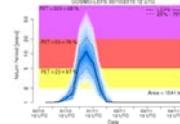
Application to Water-related Disasters



WP8. Project Coordination

WP7. Dissemination and training

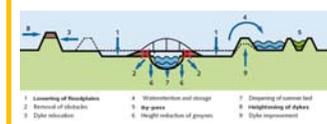
WP2. Early warning and preparedness



WP3. Mapping, planning, risk transfer



WP4. Structural protection measures



WP5. Risk communication & dialogue with stakeholders



WP6. Validation of the method and generalisation to other disasters (fires, earthquakes, etc...)

Results

- Review of the existing EU, National and International policies in the field of risk prevention
- Review of existing risk assessment and management methodologies
- Development of a strategy to evaluate risk perception of water-related natural hazards
- The Total Cost of Hydrological Disasters: Reviewing Valuation Methodologies and Conceptualizing Cost Assessments
- Catalogue with an assessment of existing early warning systems in Europe
- Critical review of non-structural measures for water-related risks
- Critical review of non-structural measures for water-related risks
- Models of 'good' risk communication for flooding and other water-related hazards: a critical review