



KULTURISK WORKSHOP

The benefits of disaster prevention measures: consolidating and widening an innovative risk assessment methodology

Arsenale di Venezia, Tesa 104/105 CNR-ISMAR

Venice, 19-20 September 2013



Aims of the workshop

Effective strategies and plans of Disaster Risk Reduction are built on a good understanding about the risks a community is facing. This understanding can only be achieved through a Risk Assessments methodology that considers the multi-faceted physical/environmental, social and economic aspects.

The KULTURisk project (Knowledge-based approach to develop a cULTUre of Risk prevention) aims at supporting the spreading of a culture of prevention, by offering the possibility to evaluate the actual economic, environmental, cultural and social benefits of different risk reduction measures. This evaluation is carried out with the use of a comprehensive risk assessment methodology. The KULTURisk methodology has been developed and validated on water-related hazards (i.e. floods, debris flows and landslides, storm surges), in different European case studies and with different receptors/elements at risk (i.e. people, economic activities, cultural heritage, natural and semi-natural systems). One objective of the project is to generalize this methodology and explore the applicability of the KULTURisk approach to different types of natural hazards, like earthquakes, forest fires, etc.

The aim of the two days workshop is to present the Risk Assessment methodology developed by KULTURisk and to discuss it with the main national and European stakeholders and experts of different natural hazards.

The event is open to both members and non members of the projects. The participation is free, after registration

Deadline for the registration is the 15th Sept 2013

Registration link: <http://www.registration.corila.it/formregister.asp?IdConferenza=C000044>



AGENDA

Thursday 19 September 2013

09:00-09:30 Registration

09:30-10:00 **Welcome addresses**

Andrea Bergamasco, CNR - ISMAR

Pier Francesco Ghetti, Municipality of Venice

Renata Codello, Superintendence of Cultural Heritage of Venice

Roberto Casarin, Alto Adriatico Water Authority

10:00-10:40 **Kulturisk Project: objectives and results**

Pierpaolo Campostrini, CORILA

Giuliano Di Baldassarre, UNESCO-IHE Institute for Water Education

10:40-11:00 Coffee break

SESSION 1: Towards a new culture of prevention: from international DRR strategies to local implementation

Chair: Pierpaolo Campostrini, CORILA

11:00-12:45 Towards a Post-2015 Framework for Disaster Risk Reduction

Paola Albrito, UNISDR Regional Office for Europe

National strategy implementing the Hyogo Framework

Luca Rossi, Italian National Civil Protection Department

National policy for the flood risk management plans

Giuseppina Monacelli, Italian National Institute for Environmental Protection and Research (ISPRA)

The implementation of EU Flood Directive in the Eastern Alps hydrographic district

Francesco Baruffi, Alto Adriatico Water Authority

Knowledge as a prevention factor: the local experience for the monuments of Venice: spatial planning and local risks

Alberto Lionello, Ilaria Cavaggioni, Superintendence of Cultural Heritage of Venice

12:45-14:00 Lunch

SESSION 2: KULTURisk methodology for assessing the benefits of prevention measures

Chair: Giuliano Di Baldassarre, UNESCO-IHE Institute for Water Education

14:00-16:40 Presentation of the state of the Kulturisk framework and methodology

Silvia Torresan, Department of Environmental Science – Ca' Foscari University of Venice

Carlo Giupponi, Vahid Mojtahed, Department of Economics – Ca' Foscari University of Venice

Presentations of case studies results:

- Danube case study
Victor Ntegeka, Peter Salamon, JRC
- Flood hazard and risk mapping in the Vipacco case study
Michele Ferri, Alto Adriatico Water Authority
- Alternative flood hazard scenarios in the Vipava/Vipacco
Giovanna Grossi, Roberto Ranzi, University of Brescia
- Climate change impact on flooding scenarios
Mitja Brilly, University of Ljubljana
- Carlisle case study
Jeff Neal, Paul Bates, University of Bristol
- The contribution to future flood risk in the Severn Estuary from extreme sea level rise due to ice sheet mass loss
Niall Quinn, Paul Bates, Mark Siddall, University of Bristol



- Barcelonette case study
Micah Mukolwe, Giuliano Di Baldassarre, Thom Bogaard, UNESCO-IHE
- Sihl/Zurich case study
Roland Olschewski, Swiss Federal Research Institute (WSL)

16.40-17.00 Coffee Break

17:00-18:30 **Roundtable on the KULTURISK methodology**

Chair: Carlo Giupponi, Ca' Foscari University of Venice

Introduction: Results of questionnaires to end-users

Paolo Ronco, Vahid Mojtahed, Ca' Foscari University of Venice

Participants: Advisory Board + case studies leaders and end users

18.45 Transfer to La Certosa Island and visit to the Park (<http://www.ventodivenezia.it/>)

20.00 Dinner at the Certosino Restaurant

22.30 Boat transfer to the Venice Centre

Friday 20 September 2013

9.00 Introduction: *Pierpaolo Campostrini, CORILA*

SESSION 3: From water-related hazards to other natural hazards

Chair: Antonio Marcomini, Ca' Foscari University of Venice

09:15-11.00 MATRIX – New Multi-Hazard and Multi-Risk Assessment Method for Europe

Kevin Fleming, GFZ German Research Centre for Geosciences

NIKER – New Integrated Knowledge based approaches to the protection of cultural heritage from Earthquake

Claudio Modena, University of Padua

CATALYST – Capacity Development for Hazard Risk Reduction and Adaptation

Jaroslav Mysiak, Fondazione Eni Enrico Mattei (FEEM)

Recent developments in operational use of seismic and volcanic hazards assessment

Warner Marzocchi, Italian National Institute of Geophysics and Volcanology (INGV)

UNESCO and DRM: insights from the UNESCO Regional Bureau for Science and Culture in Venice

Davide Poletto, UNESCO Regional Bureau for Science and Culture in Europe

11:00-11:20 Coffee Break

11:20-13:00 **Roundtable on the generalisation of the KULTURISK methodology**

Chair: Pierpaolo Campostrini, CORILA

Introduction: Results of questionnaires to experts

Paolo Ronco, Vahid Mojtahed, Ca' Foscari University of Venice

Participants: Salvano Briceno - Former director of UNISDR, Fabio Sabetta - Italian National Civil Protection

Department, Kevin Fleming - GFZ German Research Centre for Geosciences, Claudio Modena –University of

Padova, Stefano Grimaz – University of Udine, Warner Marzocchi, INGV, Brenden Jongman - University

Amsterdam, Jaroslav Mysiak, FEEM, Marie Valentine Florin, International Risk Governance Council (IRGC),

Philippe Frey, Irstea (ex-Cemagref); Laura Sandri, INGV

13:00-13:10 **Closure of the Workshop**

CORILA, Ca' Foscari University of Venice and UNESCO-IHE

13:10-14:00 Lunch

14:00-16:00 **KULTURISK General Assembly**