



## KULTURisk Summer School

# Flood risk reduction: perception, communication, governance

*Delft (The Netherlands) 9-12 September 2013*

The objective of risk reduction (prevention, mitigation and preparedness) is to reduce the risk to an acceptable level by lessening the potential adverse impacts of natural hazards through actions taken in advance. In order to achieve that, different initiatives can be taken before the occurrence of disasters, such as risk assessments, including mapping of risk, early warning systems, preparedness, land-use and urban planning, structural protection measures, insurance and other risk transfer mechanisms, and, most importantly, risk awareness, training and education. These initiatives are perceived differently by different stakeholders, so proper risk communication is crucial.

This Summer School introduces the basic terminology, concepts and practices of risk reduction. It surveys the contested concept of risk and its close cognates (i.e. uncertainty, hazard, indeterminacy, ambiguity, vulnerability, resilience) and explores their application to international disaster risk reduction and risk governance more generally.



Focusing in particular on water-related hazards, such as flooding, the Summer School introduces various approaches to risk prevention and management and highlights the importance of measures, risk perception and communication to risk governance (policy, legislation and organizational arrangements) and the existing international initiatives and policies in disaster risk reduction. These concepts are analysed in the context of water-related hazards such as floods and landslides occurring in coastal areas, mountainous catchments, transboundary large rivers and urban settings, with the understanding that given the multi-hazard approach required in disaster risk reduction, they may be applicable to other natural hazards.



### Target

This Summer School is designed for current and future water managers, decision-makers and others involved in the management of water-related disasters. Participants need to have a bachelor degree in a relevant subject (i.e. engineering, economics, social sciences) and preferably several years of relevant working experience.

### Lecturers

*Prof. David Demeritt (King's College, London)*

*Dr. Matthias Buchecker (Swiss Federal Research Institute, Zurich)*

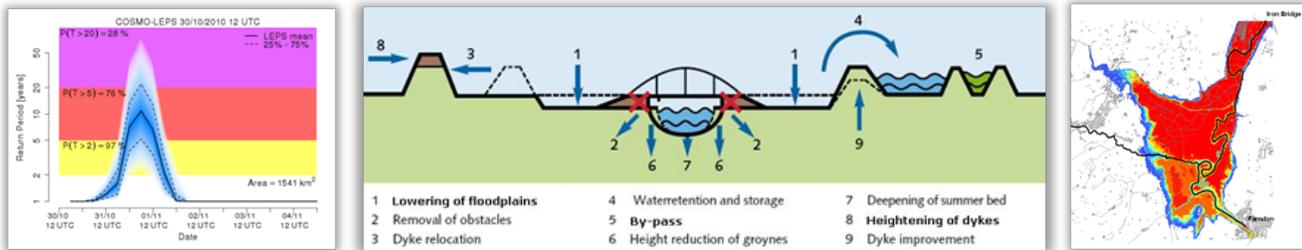
*Dr. Sálvano Briceño (ICSU/IRDR, retired, UN-ISDR)*

*Dr. Giuliano Di Baldassarre (UNESCO-IHE Institute for Water Education, Delft)*

## Content

The Summer School will cover the following aspects:

- Introduction to risk prevention and risk reduction; terminology of disaster risk management
- International policies in disaster risk reduction
- Governance of risk
- Structural protection measures
- Early warning and preparedness
- Assessments, mapping, planning and risk transfer
- Risk perception and communication: importance, assessment, challenges



**Dates:** 9-12 September 2013

**Location:** The workshop will be held at UNESCO-IHE ([www.unesco-ihe.org](http://www.unesco-ihe.org)) in Delft, The Netherlands.



## Application procedure and more information

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## Summer School Coordinator

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KULTURisk stands for Knowledge-based approach to develop a Culture of Risk Prevention. [www.kulturisk.eu](http://www.kulturisk.eu)**