Enabling knowledge for disaster risk reduction in integration to climate change adaptation

Workshop:
Decision making in disaster risk reduction across different levels

10 - 11 December 2014 in Bonn

United Nations University - Institute for Environment and Human Security (UNU-EHS)

adelphi
Decision making in disaster risk reduction across different levels

Wednesday 10 - Thursday 11 December 2014
United Nations University
Institute for Environment and Human Security (UNU-EHS)
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The risk from natural hazards is projected to further increase in many regions due to a growing exposure of human settlements and activities often combined with increased vulnerability and the projected increase in frequency and intensity of hazards due to effects of global environmental change, including climate change. For the development and implementation of (more) effective risk reduction policies, a close collaboration and knowledge exchange between decision makers, the scientific community, the private sector and civil society is needed.

In practice, however, knowledge on disaster risk reduction and climate change adaptation is often fragmented within, and among the different stakeholders, and thus not adequately incorporated in decisions on disaster risk reduction and the implementation of risk mitigation and adaptation measures. This has been identified as an important reason to explain why the significant increase in available knowledge on natural disasters and their causes and drivers is not as effective as expected in minimizing disaster losses.

The workshop will bring together decision makers from the DRR community who work on a common aspect but at different decision making levels, ranging from legislative authorities to civil society organizations. Using a real case study – the Elbe floods in 2002 and 2013 – the workshop aims at elaborating barriers and bridges of multi-level decision making in flood risk management. The German case study provides the basis to detect comparable and/or new barriers and bridges for analogous decision making processes in other European countries. Using the case study as a starting point, the workshop moreover aims at discussing how the EU Floods Directive (FD) influences decision making across different levels and phases of the risk management cycle. Finally, a central question that will be addressed during the workshop is the aim of the Floods Directive to integrate disaster risk reduction and climate change adaptation. The FD explicitly requires member states to consider the effects of climate change in the iterative risk management process. Here, it will be of interest to understand how this is integrated in the decision making across the different levels and phases of the risk management cycle.
Decision making in DRR and CCA

- What are barriers and bridges that influence decision making in flood risk management across different decision making levels?

- What is the current impact of the EU Floods Directive (FD) on decision making in flood risk management across Europe?

- How does the EU FD support the integration of climate change adaptation into flood risk management in Europe?
**Workshop Day 1: Wednesday, 10th December 2014**

8:30  Registration at the UN Campus

9:00  **Welcome - Introduction to the workshop**  
      Jakob Rhyner & Jörg Szarzynski (UNU-EHS), Philip Bubeck (adelphi)

9:10  **Introduction to KNOW4DRR project**  
      Scira Menoni and Funda Atun (Polimi)

9:20  **Interactive presentation of participants**

9:45  **Keynote 1:**  
      Post-2015 Framework for disaster risk reduction - how will KNOW4DRR strengthen evidence base science to inform policy and practice?  
      Virginia Murray (UNISDR STAG)

10:15 **Keynote 2:**  
      DRR at the European level: The EU Floods Directive  
      Mark Adamson (Office of Public Works, Ireland - EU Working Group on Floods)

10:45  **Tea/Coffee Break**

11:00 **Keynote impetus for scenario exercise on national and state level:**  
      Information support on national level:  
      The perspective of the BBK  
      Michael Judex (BBK)

      Disaster management during the Elbe flood disaster 2013 - the Fischbeck example  
      Robert Jüpner (University of Kaiserslautern)
**Workshop Day 1: Wednesday, 10th December 2014**

**11:45  Scenario exercise**  
Moderation: Monia Guarino & Michele Ferrari (Principi Attivi)

**13:00  Lunch**

**14:00  Continuation of scenario exercise**  
Moderation: Monia Guarino & Michele Ferrari (Principi Attivi)

**15:30  Tea/Coffee Break**

**16:00  Summary of essential points discussed in the scenario exercise**  
Moderation: Monia Guarino & Michele Ferrari (Principi Attivi)

**17:00  Closing of workshop day 1**

**19:00  Invited dinner**

We invite you to join us for a joint dinner at the Restaurant "Em Höttche"
Workshop Day 2: Thursday, 11th December 2014

8:30 Registration at the UN Campus

9:00 Impetus presentation:
Elbe flood 2002/2013: Lessons learnt, changes in the decision making process and in the adopted risk mitigation measures
Sebastian Pisi (DKKV)

9:30 Keynote 3:
Testing with stakeholders, at different governance scales, a new multiscalar and shared IKMS, for DRR decision making process in French territories
Ghislaine Verrhiest & Nancy Spinousa (ORRM-PACA)

10:00 Keynote 4:
Flood risk management strategies
Zbigniew Kundzewicz (Polish Academy of Science)

10:30 Tea/Coffee Break
Workshop Day 2: Thursday, 11th December 2014

11:00 Panel discussion:
How is CCA implemented in flood risk management and what are remaining challenges?

Moderation: Axel Rottländer (DKKV)

Panelists:
Panagiotis Katsikopoulos (Civil Protection Expert, Greece)
Mariele Evers (University of Bonn)
Guido Halbig (German Weather Service)
Mark Adamson (Office of Public Works, Ireland - EU Working Group on Floods)
Francesco Puma (Po river basin authority)
Roland Nussbaum (Mission for Natural Hazards, France)
Patrick Pigeon (University de Savoie, France)

12:00 Summary of results and outlook
Common challenges and achievements of decision making in flood risk management
Recommendations for implementation of the EU FD

Moderation: Scira Menoni (Polimi)

12:45 Closing of the workshop
Jörg Szarzynski (UNU-EHS), Philip Bubeck (adelphi)
Restaurant "Em Höttche"

When: 19:00, Wednesday, 10th December 2014

Where: Markt 4, next to the city hall
Mark Adamson  
Office of Public Works, Ireland

Funda Atun  
Politecnico di Milano, Italy

Maria Pia Boni  
Politecnico di Milano, Italy

Fernando Briones  
Center for Research and Advanced Studies in Social Anthropology, Mexico

Philip Bubeck  
Adelphi

Miranda Dandoulaki  
Harokopio University, Greece

Mariele Evers  
University of Bonn, Germany

Michele Ferrari  
Association Principi Attivi, Italy

Million Gebreyes  
University of Bonn, Germany

Monia Guarino  
Principi Attivi, Italy

Guido Halbig  
German Weather Service, Germany

Antje Hecheltjen  
UN-SPIDER, Germany

Michael Judex  
Federal Office for Civil Protection and Disaster Risk, Germany

Robert Jüpner  
University of Kaiserslautern, Germany

Panagiotis Katsikopoulos  
Civil Protection Expert, Greece

Zbigniew Kundzewicz  
Polish Academy of Science, Poland

Scira Menoni  
Politecnico di Milano, Italy

Guido Minucci  
Politecnico di Milano, Italy

Virginia Murray  
UNISDR Science and Technical Advisory Group (STAG), UK

Clemens Neuhold  
Federal Ministry of Agriculture and Forestry, Environment and Water, Austria

John Norton  
Development Workshop, France
## Workshop Participants

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<td>Roland Nussbaum</td>
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<td>Jessica Rosenfeld</td>
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<td>Stefan Schneiderbauer</td>
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<td>Elisabeth Schöpfer</td>
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<td>Hans Wiesenegger</td>
<td>Hydrological Service, Salzburg Land, Austria</td>
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The overall aim of the **FP7-funded KNOW4DRR project** is to contribute to an improved use of knowledge and co-operation among the different actors in the field of disaster risk reduction and climate change adaption by:

- exploring the factors that currently hamper the uptake of knowledge developed by the various stakeholders and its integration into decision-making and implementation;
- developing a Knowledge Management Framework (KMF) that provides a coherent structure and set of tools to facilitate the exchange and use of knowledge among the relevant stakeholders in policy and practice, as well as its maintenance over time;
- contributing to a direct exchange among the various actors in the field of disaster risk reduction through a series of interactive events;
- providing information about current policy development in the field of disaster risk reduction on the European level and internationally;
- providing specific recommendation for policy makers on how to improve the integration of knowledge in the field of disaster risk reduction.

**KNOW4DRR website: www.know4drr.polimi.it**

The **United Nations University** (UNU), a worldwide network of Research and Training Institutes, is the academic arm of the United Nations (UN). It bridges the academic world and the UN system. The Institute for Environment and Human Security (UNU-EHS), established in December 2003, is part of the UNU system with the mission to advance human security through knowledge-based approaches to reducing vulnerability and environmental risks.

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**adelphi research** was founded 2001 in Berlin as a non-profit and independent institution for applied environmental research and policy analysis. Through lectures, publications and educational activities we provide a broad audience knowledge in the field of nature, environment and resource protection, and development cooperation. With our practical projects and concrete proposals for action adelphi research makes a significant contribution to promoting environmental and social development, poverty reduction, peace building, as well as economic, political and social participation.

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