



KNOW4RR
Disaster Risk Reduction Knowledge

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

P.N° 603807

ENV.2013.6.5-2 Mobilising
environmental knowledge for policy
and society. b) Improved
science-based policy decision
making in disaster risk reduction





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Decision making in disaster risk reduction across different levels

Wednesday 10 - Thursday 11 December 2014
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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.

Context & Objectives

Key Questions

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 multiscale 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



Workshop Participants

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

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Workshop Participants

Roland Nussbaum	Mission Risques Naturels, France
Lydia Pedoth	European Research Academy, Italy
Federico Pedrocchi	TiConUno, Italy
Giulia Pesaro	Politecnico di Milano, Italy
Patrick Pigeon	University de Savoie, France
Sebastian Pisi	German Committee for Disaster Reduction, Germany
Joachim Post	UN-SPIDER, Germany
Francesco Puma	Po river basin authority, Italy
Jessica Rosenfeld	United Nations University, Germany
Axel Rottländer	German Committee for Disaster Reduction, Germany
Stefan Schneiderbauer	European Research Academy, Italy
Elisabeth Schöpfer	German Aerospace Center, Germany
Zita Sebesvari	United Nations University, Germany
Raphael Spiekermann	Paris Lodron University Salzburg, Department of Geomatics, Austria
Nancy Spinousa	Regional Office for Environmental Planning and Housing, France
Jörg Szarzynski	United Nations University, Germany
Ghislaine Verrhiest	Regional Office for Environmental Planning and Housing, France
Matteo Vischi	Civil Protection South Tyrol, Italy
Yvonne Walz	United Nations University, Germany
Juergen Weichselgartner	Politecnico di Milano, Italy
Hans Wiesenegger	Hydrological Service, Salzburg Land, Austria

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 adaptation 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

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Yvonne Walz (walz@ehs.unu.edu)

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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