

Environmental Risk

– Assessing and Managing Multiple Risks in a Changing World

16-17 November 2015, Roskilde University, Roskilde, Denmark



The workshop will cover the following 4 topics for both Risk Assessment and Risk Management: Geospheric Hazards, Environmental Change, Anthropogenic Effects and Societal Issues.

Monday 16 November - Focus on Risk Assessment (RA)

8.00 – 8.45: *Conference registration, Coffee and Poster setup (posters up during the entire 2 day period).*

8 – 10.15: **SESSION 1. Welcome and Introduction.**

Chair: **Henriette Selck**, Associate professor, RUC, DK.

- **Henriette Selck**, Associate professor, Head of the Conference Organizing Committee, Roskilde University, DK.
Welcome and Set-the-scene.
- **Peter Kjær**, Pro-vice-Chancellor, Roskilde University, DK.
Tentative title: Interdisciplinarity is RUCs trademark; The Environmental Risk Strategic Research Initiative
- **Peter Bønløkke Adamsen**, Market Manager, Ramboll Environ, DK.
Hydropower – is it green sustainable energy?
- **Wayne R. Munns**, Director, U.S. EPA Atlantic Ecology Division, USA.
Comparative and cumulative risk assessment for informed decision-making and priority setting

10.15 – 10.30: *Coffee break.*

10.30 – 12.25: **SESSION 2. Risk Assessment of Multiple Risks in a Changing World.**

Chair: **Annette Palmqvist**, Associate professor, Roskilde University, DK.

- **John Clague**, Professor, Simon Fraser University, CA.
Geospheric Hazards: Increasing risk from hazardous natural processes in a crowded, warming, economically integrated World.
- **Maciej Zalewski**, Professor, UNESCO center "European Regional Centre for Ecohydrology", PL.
Environmental Change: Reduction of environmental risk and amplification opportunities for sustainable future
- **Thomas Backhaus**, Professor, University of Gothenburg, SE.
Anthropogenic Effects: Assessing the joint ecotoxicity of pesticide mixtures in the aquatic environment: experiences from the Swedish monitoring program.
- **Agnieszka Hunka**, Assistant professor, Halmstad University, SE.
Societal Issues: Communication of uncertainty in environmental risk assessment – needs and knowledge gaps
- **Allen Burton**, Professor, University of Michigan, USA.
Kick off presentation for break-out group work.

12.25 – 13.10: *Lunch.*

13.10 – 15.30: *Break-out group work.*

15.30 – 16.30: *Plenum Discussion:*

Chair: **Peter M Chapman**, Chapema Environmental Strategies Ltd., CA.

16.30 – 18.00: *Poster Session.*

19.30: **Banquet Dinner** at Snekken, Roskilde.



Tuesday 17 November - Focus on Risk Management (RM)

8.30 – 8.45: *Coffee.*

8.45 – 10.50: **SESSION 3. Risk Management of Multiple Risks in a Changing World.**

Chair: **Kristian Syberg**, Assistant professor, RUC, DK.

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Session introduction: *Risk Management and the Risks of Risk Management.*
- **Farrokh Nadim**, Technical Director, Norwegian Geotechnical Institute, NO.
Geospheric Hazards: *Risk management for geohazards – Challenges and research trends.*
- **Michael Brian Butts**, Head of Innovation, DHI, DK.
Environmental Change: *Risk management of human-water systems under change*
- **Neelke Doorn**, Assistant professor, Delft University of Technology, NL.
Societal Issues: *Allocating responsibility for environmental risks: An example from water governance.*

10.50 – 11.10: *Coffee break.*

11.10 – 12.30: Break-out group work: Risk Management of Multiple Risks in a Changing World.

- **Allen Burton**, University of Michigan, USA.

Introduction to Break-out group work:

12.30 – 13.15: *Lunch.*

13.15 – 14.10: Break-out group work continued.

14.10 – 15.10: Plenum discussion:

Chair: **Peter M Chapman**, Chapema Environmental Strategies Ltd., CA.

15.10 – 15.30: *Coffee break.*

15.30 – 17.00: **SESSION 4.** Panel discussion: **How to Proceed - Risk Assessment and Risk Management Cross Topics.**

Chair: **Peter M Chapman**, Chapema Environmental Strategies Ltd., CA.

17.00 – 17.30: Next Steps: How to Proceed - Risk Assessment and Risk Management Cross Topics.

17.30 – 17.35: Concluding Remarks:

- **Henriette Selck**, Associate Professor, Head of the Conference Organizing Committee, Roskilde University, DK.

Wednesday 18 November - Continuation of workshop (Optional)

8.30 – 12.00: Group work: focus on written outputs of the workshop.

12.00 – 13.00: *Lunch.*

