

# FORSKNINGSPLATFOMEN – VAND

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## 3<sup>rd</sup> Annual meeting of the Danish Water Research Platform (DWRP, Forskningsplatformen Vand)

**Date:** Thursday 29 January 2009, 8:30 a.m. – 6 p.m.

**Venue:** The Geological Survey of Denmark and Greenland (GEUS), Øster Voldgade 10, 1350 København K. Auditorium Theodor Sorgenfrei.

**Theme:** Several projects related to both water resources and urban water are currently taking place. The meeting will put focus on the results from some of these research projects. Besides the oral programme, there will be a poster session, and other researchers, i.e. from the research schools, are urged to submit posters with their results.

The present 4 working groups under DWRP are kindly asked to reconsider their present position and goal and evaluate whether there is a need to form new groups, focusing on e.g. climate impacts and adaptation strategies.

Registration fee for members is 150 DKK (+ VAT) and 300 DKK (+ VAT) for non-members per person to cover meals and refreshments.

Registration by email to Danish Water Forum at [dwf@danishwaterforum.dk](mailto:dwf@danishwaterforum.dk) with subject: "Tilmelding DWRP årsmøde". Please provide billing information, including EAN number.

### Preliminary programme

8:30            *Registration and coffee*

8:45            Bjørn Jensen, GEUS, Chairman of DWRP. Welcome address

#### **Session 1: EU FP6/FP7 projects with Danish participation**

*Chairman: Dan Rosbjerg, DTU Environment*

9:00            Claus Jørgensen, DHI. RECLAIM WATER - Degradation of NDMA in aquifer material from the WULPEN MAR site.

9:20            Hans Løkke, University of Aarhus, National Environmental Research Institute.. NOMIRACLE - Coping with chemical mixtures and combinations of chemicals and natural stressors.

9:40            Hans Jørgen Henriksen, GEUS. NeWater - Lessons learned from the experience of developing and piloting adaptive water management from seven case studies.

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10:00 Anders Dalsgaard & Christian R. Jensen, ViVa/Faculty of Life Sciences, University of Copenhagen. SAFIR and other projects - Food Production using Low Quality Waters.

10:20 *Coffee break*

10:40 Peter Steen Mikkelsen, DTU Environment. SCOREPP - Source Control Options for Reducing Emissions of Priority Pollutants.

11:00 Jeanne Kjær, GEUS. FOOTPRINT<sup>1</sup> - creating tools for pesticide risk assessment and management in Europe.

### **Session 2: Danish research projects**

***Chairman: Steen Christensen, Department of Earth Sciences, University of Aarhus***

11:20 Karsten Høgh Jensen, Department of Geography and Geology, University of Copenhagen. HOBE - A hydrological observatory

11:40 Peter Engesgaard, Department of Geography and Geology, University of Copenhagen. CLEAR - The effects of hydrology and land use on water and nutrient budgets for seepage lakes: Lake restoration with a long perspective

12:00 Brian Kronvang, University of Aarhus, National Environmental Research Institute. BUFFALO-P - Best management of stream banks, buffer zones and floodplains for reducing agricultural phosphorus losses.

12:20 *Lunch*

13:00 Óluva K. Vang & Hans-Jørgen Albrechtsen, DTU Environment. InPaNet - Survival of indicator organisms and pathogens in water distribution networks.

13:20 Per Halkjær Nielsen, Department of Biotechnology, Chemistry and Environmental Engineering, AAU. Microbial ecology of wastewater treatment.

13:40 Jens Aamand, GEUS. SENSOWAQ - Immunosensors for detection of pesticides.

14:00 Philip Binning & Martin Rygaard, DTU Environment. Economic assessment of water quality.

14:20 Marina B. Jensen, ViVa/Faculty of Life Sciences, University of Copenhagen. 2BG - Stormwater management in the urban landscape vs. sewer systems enlargement.

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- 14:40 *Coffee break*
- 15:00 Flemming Larsen, GEUS. VietAs - Arsenic in sandy aquifers in the Red River Delta, Vietnam.
- 15:20 Lars Kamp Nielsen, Department of Biology, University of Copenhagen. Temperature models for key processes in nutrient cycling

## **Session 3: Danish PhD projects**

***Chairman: Peter Holm, ViVa/Faculty of Life Sciences, University of Copenhagen***

- 15:40 Helle Ugilt Sø, DTU Environment. Mobility of arsenic in chalk aquifers.
- 16:00 Sarah Christine Christensen, DTU Environment. Small animals in water distribution networks.
- 16:20 Lieke van Roosmalen, Department of Geography and Geology, University of Copenhagen. Climate change impacts on groundwater and stream discharge in Denmark.
- 16:40 Jan Jeppesen, Department of Earth Sciences, University of Aarhus. Urban versus climatic impacts on the water cycle of the Copenhagen area 1850-2003
- 17:00 Tina B. Bech, GEUS. Transport and distribution of *Salmonella enterica* serovar Typhimurium in loamy and sandy soil monoliths with applied liquid manure.
- 17:20 Bjørn Jensen, GEUS. Closing remarks on scientific meeting

## ***Sandwiches & beverages.***

### **General Assembly meeting (for DWRP members only)**

***Chairman: Bjørn Jensen, GEUS***

- 17:30 Brief report on annual programme of DWRP
- 17:45 Election of members for the Steering Committee
- 17:55 Closing of meeting,

Posters will be on display during the day. A book of abstracts/PP presentations will be available at the meeting.

**Invitees:** The main scientific sessions will be open to all, whereas the last session is only open to members. Members are kindly asked to identify new potential members of the platform.