



GROUNDWATER PROTECTION
PLANS AND IMPLEMENTATION IN A NORTH EUROPEAN PERSPECTIVE

ATV Jord og Grundvand

GroPro - Final programme

Monday 15 September 2008

Morning

Arrival at Klarskovgaard

12.00 – 13.00

Sandwich lunch

13.00 – 13.15

Welcome:

Chairman M. Sc. Bente Villumsen, COWI, Denmark

13.15 – 14.00

Opening speech:

Andreas Scheidleder. European Commission, DG Environment, Belgium.

"The EU legislative framework for groundwater protection against pollution and deterioration".

Session 1: Groundwater protection from theory to practice

14.00 – 14.30

Keynote speaker:

Professor Bob Harris, University of Sheffield, United Kingdom. "Always the bridesmaid... - overcoming the challenges of integrated groundwater issues into land use planning".

14.30 – 14.55

Ton de Nijs, Michiel Zijp and Wilko Verweij, National Institute for Public Health and the Environment, The Netherlands. "Experiences in the assessment of groundwater chemical status in the Netherlands".

14.55 – 15.10

Discussion

15.10 – 15.30

Coffee/Tea

Session 2: The toolbox for groundwater protection

15.30 – 16.00

Keynote speaker:

Dr. Kevin Hiscock, University of East Anglia, United Kingdom.

"Application of modelling in the assessment of control measures to reduce diffuse pollution".

16.00 – 16.30

Keynote speaker:

Dr. Andrew Lovett, University of East Anglia, United Kingdom. "Applying cost-effectiveness analysis to select measures for groundwater protection".

16.30 – 16.55

Troels Kærgaard Bjerre, Odense Water, Denmark. "Groundwater protection strategy".

16.55 – 17.10

Discussion

17.10 – 17.30

Short oral presentations of posters

17.30 – 18.30

Poster exhibition

19.30

Dinner

Tuesday 16 September 2008

Session 3: Need for knowledge and handling of data

- 9.00 – 9.30 Keynote speaker:
Head of Dept. Richard Thomsen, Geological Survey of Denmark and Greenland (GEUS), Denmark.
"The need for knowledge for establishing site-specific groundwater protection zones".
- 9.30 – 9.55 *Jean-Francois Vernoux, A. Wuilleumier and N. Dorfliger, BRGM, France.*
"Delineation of groundwater areas against diffuse pollution".
- 9.55 – 10.20 *A. Jiménez Madrid, C. Martinez Navarrete, Instituto Geológico y Minero de España (IGME) and F. Carrasco Cantos, Grupo de Hidrogeología de la Universidad de Málaga (GHUMA), Spain.* "Comparative analysis of analytical methods for wellhead protection areas implementation. Application to different types of aquifers in the south of Spain".
- 10.20 – 10.35 Discussion
- 10.35 – 10.55 Coffee/Tea
- 10.55 – 11.20 *Janmaizatulriah Jani, David N. Lerner and Steve Wise, University of Sheffield, UK.* "A GIS based tool for regional groundwater risk assessment in poorly productive aquifers".
- 11.20 – 11.45 *Cormac Ó Súilleabháin, Cork County Council, Bruce Misstear, Trinity College Dublin, Donal Daly, Irish EPA, Ireland. Vincent Fitzsimons, Scottish EPA, Scotland.* "Assessing the boundary between high and moderately permeable subsoils".
- 11.45 – 12.00 Discussion
- 12.00 – 13.15 Lunch
- 13.15 – 13.45 Poster exhibition

Session 4: Planning groundwater protection

- 13.45 – 14.15 Keynote speaker:
M.Sc. Gyrite Brandt, Copenhagen Energy, Denmark.
"Learning and experience from 10 years of groundwater protection in Denmark."
- 14.15 – 14.45 Keynote speaker:
Associate Professor Henrik Vejre, University of Copenhagen, Denmark.
"Landscape Planning above aquifers - alternative scenarios for the future land use".
- 15.45 – 15.10 *Jari Rintala, Finnish Environmental Institute, Finland.* "Groundwater area protection plans in water management".
- 15.10 – 15.25 Discussion
- 15.25 – 15.45 Coffee/Tea
- 15.45 – 16.10 *Niels Cajus Pedersen, The Municipality of Århus and Birthe Eg Jordt, Orbicon A/S, Denmark.* "Groundwater protection and spatial planning in the municipality of Århus".
- 16.10 – 16.35 *Sylvi Gaut, Geological Survey of Norway.* "The groundwater source as a hygienic barrier".
- 16.35 – 16.45 Discussion
- 16.45 – 18.00 Poster exhibition
- 19.00 Dinner

Wednesday 17 September 2008

Session 5: Practical implementation of groundwater protection

- 9.00 – 9.30 Keynote speaker:
Dipl.-Ing. agr. Hubertus Schültken, Lower Saxony Water Management, Coastal Defence and Nature Conservation Agency, Germany.
"The EU life project WAGRICO as a contribution for the implementation of the EC Water Framework Directive.
- 9.30 – 10.00 Keynote speaker:
Dr. Christina Aue, Water Board of Oldenburg and East Frisia (OOWV), Germany. "20 years of groundwater protection in the North-West of Lower Saxony: Strength, weakness and future aspects"
- 10.00 – 10.10 Discussion
- 10.10 – 10.30 Coffee/Tea
- 10.30 – 10.55 *Christian Thirup and Jens Christian Skov Jensen, ALECTIA Aqua, Denmark.* "Practical experiences with groundwater protection in Denmark".
- 10.55 – 11.20 *Environmental Adviser Susanne Østerby, Danish Agricultural Advisory Service.* "Ground water protection in practice – project AGWAPLAN".
- 11.20 – 11.35 Discussion
- 11.35 – 11.40 Closure of programme
- 11.40 – 12.00 Introduction to field trip
- 12.30 – 16.00 Departure for well field trip to Vigersted Kildeplads
Brown bag lunch
- 16.00 Drop off at Copenhagen Airport, Kastrup

