



- an active science network
- 20 academic research groups



Universiteit Utrecht



- Provide a scientific platform for wetland and water researchers
- Organize thematic symposia 2x per year
- Content for scientists as well as practitioners
- Newsletter 2x per year distributed by email
- Opportunities for networking and scouting





PEATCAP: Research project

Volgermeerpolder: From waste dump to research area for peat development

Consortium: Center for Wetland Ecology

Funding: Technologiestichting STW

Research project PeatCap

Special section for research (20 ha)



Design variables:

- sediment (peat, sand, clay)
- water quality (polder reservoir, rain)
- vegetation (ecosystem engineers)
- slope
- water level fluctuations)





PEATCAP

Start: May 2011

Partners:

Radboud University (biogeochemistry)

Utrecht University (plant colonization)

University of Amsterdam (decomposition)



NMIJ: Natuurlijker Marker/IJmeer

Project funded by Rijkswaterstaat
Preliminary studies for wetland construction:

Radboud University
Alterra
University of Amsterdam

- April 2010, Utrecht: Biogeochemical processes in wetlands
- December 2010, Antwerpen: Wetland restoration, It's all about dispersal, germination, establishment and succession
- June 2011, Nijmegen: Eutrophication: Bottom-up or top-down control?
- 15 December 2011, Wageningen: Stream restoration: Beyond Geomorphology





Stream restoration: beyond geomorphology

15 december 2011
symposium

9:30 **Registration**

10:15 **Opening Chair: Jos Verboeven**

10:30 **Piet Verdonschot** Successful stream restoration: do conceptual models and habitat heterogeneity enhancement help?

10:55 **Marlet Heffling (UU)**: Nitrate removal by bufferzones, and risks of N2O emission

11:20 **Break**

11:45 **Han Ruithaar (KWR)**: Integrated stream valley restoration and its relevance for species conservation

12:10 **Annelmarie Garsen (UU)**: Effects of climate change on riparian plant communities along European lowland streams

12:35 **Lunch**

Chair: Piet Verdonschot

13:45 **Camiel Aggenbach (KWR)**: Connecting swamps with streams: restoration of alder carrs by flooding

14:10 **Ralf Verdonschot (WUR)**: Stream habitat characteristics and fish: which scale is relevant?

14:35 **Break**

15:00 **Peter Goethals (UG)**: Integrated ecological modelling of rivers: opportunities and challenges for a successful marriage between science and policy

15:25 **Ab Grootjans (RUG/RU)** and **Uko Vegter (Hunze&Aa')**: Lowland stream restoration: chances and consequences for stream valley vegetation

15:50 **Dynika**



Location:
Wageningen UR Campus
Zollic (building 122)
De Elst 1
6708 WD Wageningen



Registration fee: There will be no costs for attending the symposium.

Participants need to register at: www.wetland-ecology.nl/symposium.htm

The symposium will be closely connected to the kick-off of a new platform on stream- and lake restoration, for which a symposium is held on the preceding day (14 December). More information on this day can be found on the agenda page of www.rivm.nl.

The CWE is a network of fundamental science groups in universities and academic research institutes on all aspects of wetland science. It aims at enhancing the interaction between the worlds of fundamental research and management implementation regarding wetlands and water bodies.



