



Back to the future, the ecological reshaping of Dutch waters

5 February 2015
symposium

Programme

- 9:30 **Registration**
Chair: **Jos Verhoeven**
- 10:00 Opening
- 10:15 **Piet Verdonschot** (Alterra, UvA): Back to morphology to shape the future
- 10:40 **Franciscus Colijn** (Helmholtz Zentrum Geestacht, Institut für Küstenforschung): Long term trends and prospects for the Wadden Sea
- 11:05 **Break**
- 11:30 **Jack Middelburg** (UU): Elucidate carbon and nitrogen flows through end-to-end food webs
- 11:55 **Michiel Kraak** (UvA): Ecological and chemical quality of fresh water bodies: the good, the bad and the muddy
- 12:20 **Lunch**
Chair: **Liesbeth Bakker**
- 13:30 **Maarten Ouboter** (Waternet): The Amsterdam Canal (eco)system: homo sapiens/homo natans, a key species

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- 13:55 **Helena Hulsman** (Deltares, Singapore): Ecological Engineering – opportunities and challenges for large-scale implementation
- 14:20 **Jorrit Braaksma** (LAMA Landscape Architects, Antwerp): Breaking down the Afsluitdijk? A design research for a climate proof delta
- 14:45 **Break / Registration open**
- 15:15 **Harm van der Geest** (UvA): Back to the future: an introduction to the valedictory lecture of Wim Admiraal
- 15:25 **Wim Admiraal** (UvA): A journey through shallows and mud pools.
- 16:15 **Drinks / reception**

Location:
KNAW Het Trippenhuis
Kloveniersburgwal 29
1011 JV Amsterdam

Special symposium Centre for Wetland Ecology and University of Amsterdam, dedicated to the retirement of Prof.dr. Wim Admiraal



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

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

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.



UNIVERSITY OF AMSTERDAM



Radboud University Nijmegen



Universiteit Utrecht

**World
Wetlands Day**

2 February 2015

Wetlands for
our Future



Wetlands: Worldwide attention

Wetlands are essential to our future

Slides provided by the Ramsar Convention





World Wetlands Day 2015

- Celebrated every 2 February to mark the adoption of the Ramsar Convention
- Intergovernmental treaty on wetlands
 - Provides the framework for the conservation and wise use
 - 168 Parties (member countries)
 - First modern global environmental agreement
 - Named after Ramsar in Iran, where the Convention was adopted
- Members commit to:
 - Wise use of all their wetlands
 - Designate suitable wetlands for the list of Wetlands of International Importance (the “Ramsar List”)
 - Cooperate on transboundary wetland systems and shared species





- an active science network
- 20 academic research groups



Universiteit Utrecht





mission & action

- 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



- Watermozaïek/Stowa: CWE has been involved in 6 successful proposals in the WFD Innovation program
- PEATCAP: plant succession and peat formation in the remediated Volgermeer
- Natuurlijker Markermeer/IJmeer: conditions for wetland restoration

1. **April 2010**, Utrecht: Biogeochemical processes in wetlands
2. **December 2010**, Antwerpen: Wetland restoration, It's all about dispersal, germination, establishment and succession
3. **June 2011**, Nijmegen: Eutrophication: Bottom-up or top-down control?
4. **December 2011**, Wageningen: Stream restoration: Beyond Geomorphology
5. **June 2012**, Utrecht: Beyond Eutrophication in shallow lakes
6. **January 2013**, Wageningen: Understanding Wetland Dynamics
7. **June 2013**, Amsterdam: getting to the bottom of wetland functioning
8. **January 2014**, Utrecht: Climate change in wetlands
9. **July 2014**, Gent: Constructed wetlands, challenges and opportunities
10. **February 2015**, Amsterdam: Back to the future: the ecological rehaping of the Dutch waters

Gwe. Biogeochemical processes in Wetlands

14 April 2010 symposium

8:00 Registration
8:30 Word of Welcome by the chair of the TWI
9:00 Breakfast
9:30 **Keynote** **Erkist** - Response of dissolved organic matter after peatland reformation
University of Amsterdam
10:45 **Dirk Stoy** - Soil C and N content from an in-situ peatland reformation
University of Groningen
11:15 Break
11:45 **Wibe Jansen** - Residence in wetlands
Radboud University Nijmegen
12:15 **Market Meeting** - Conservation, management and restoration
University of Amsterdam
13:45 **Prize Presentation** - TWI 10th Anniversary
Radboud University and Utrecht University
14:00 Lunch
14:30 **FWA New & Awarded** - Award
15:30 End of the day

Location: Utrecht, Werfgebouwing, Sorbonnelaan 15, Leidsche Hout 80a

Gwe. Wetland restoration: it's all about dispersal, germination, establishment and succession

8 December 2010 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Wetland restoration: dispersal, germination, establishment and succession
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Location: University of Wageningen, Wageningen, The Netherlands

Gwe. Eutrophication: top-down or bottom-up control?

22 June 2011 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Eutrophication: top-down or bottom-up control?
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Location: University of Wageningen, Wageningen, The Netherlands

Gwe. Stream restoration: beyond geomorphology

15 December 2011 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Stream restoration: beyond geomorphology
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Location: University of Wageningen, Wageningen, The Netherlands

Gwe. Beyond eutrophication: towards a better ecological quality of shallow lakes

29 June 2012 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Beyond eutrophication: towards a better ecological quality of shallow lakes
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Location: University of Wageningen, Wageningen, The Netherlands

Gwe. Understanding wetland dynamics: the value of long-term datasets

11 January 2013 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Understanding wetland dynamics: the value of long-term datasets
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Gwe. Getting to the bottom of wetland functioning: the sediment-water interface

25 June 2013 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Getting to the bottom of wetland functioning: the sediment-water interface
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Gwe. Climate change and wetlands

23 January 2014 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Climate change and wetlands
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Location: University of Wageningen, Wageningen, The Netherlands

Gwe. Constructed wetlands: challenges and opportunities

3 July 2014 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Constructed wetlands: challenges and opportunities
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Location: University of Wageningen, Wageningen, The Netherlands

Gwe. Back to the future, the ecological reshaping of Dutch waters

4 September 2014 symposium

8:00 Registration
8:30 Word of Welcome
9:00 **Keynote** **Wouter de Boer** - Back to the future, the ecological reshaping of Dutch waters
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Location: University of Wageningen, Wageningen, The Netherlands

11 chair persons, 81 speakers, 1000 participants, many helpers, Thanks! Rob Fraaije
Jos Verhoeven

- Continuation of mission and goals
- 2 yearly symposiums
- and newsletters

- New Chairperson: Liesbeth Bakker (NIOO)
- New Secretary: Bart Grutters (NIOO)

SWS: Society of Wetland Scientists European Chapter



Society of Wetland Scientists

an international organization dedicated to the conservation, management
and scientific understanding of the world's wetland resources

- Contact between scientists and practitioners
- Between experts and students/ young professionals
- Annual meetings: Bled (Slovenia) 10-13 May 2015
- Meeting web site: www.sws.org/europe-chapter