

First announcement

SWS

SWS 2012 European Chapter

Wetland restoration – challenges and opportunities

SWS meeting European Chapter 2012
at Aarhus University Denmark, 17 June – 21 June 2012



Organisers: Department of Bioscience, Faculty of Science and Technology, Aarhus University



Timetable

1 st circular	July 2011
2 nd circular	December 2011
Deadline for submission of abstracts	February 2012
Notification of abstract acceptance	March 2012
Early registration	March 2012
Late registration	April 2012
Final programme	May 2012

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Background

Wetland loss and degradation in Europe has been extreme and is still ongoing. As an example at least two-thirds of all shallow lakes, bogs and wet meadows have been lost in Denmark since 1784. The challenge for wetland scientists in Europe is to reverse the loss of wetlands and promote the protection of existing wetlands and work for restoration of new wetlands. The EU Habitat Directive and the EU Water Framework Directive (WFD) is becoming important as a policy instrument for wetland conservation. Restoration of wetlands and the use of constructed wetlands are, therefore, increasingly popular as mitigation options in River Basin Management Plans under the WFD for reductions of nitrogen and phosphorus losses from field to catchment scale. An important role for wetland scientists is to enhance our basic and applied understanding of the interlinked hydrological, biogeochemical and ecological processes in naturally and restored wetlands. Not least, a sound wetland science is needed for assisting policy makers and planners in the process of wetland conservation and restoration to ensure sustainable solutions for biodiversity and environment.

Scientific Topics

- **Natural, restored and constructed wetlands**
- **Wetland Hydrology**
- **Carbon sequestration in wetlands**
- **Nitrogen removal and turnover in wetlands**
- **Phosphorus biogeochemistry in wetlands**
- **Biodiversity of wetlands**
- **GHG emissions from wetlands**

History of SWS European Chapter

The history of SWS European chapter is young compared to the chapters in U.S. despite the fact that serious wetland research has been carried out in Europe for at least five decades. The Chapter was formed in 2005 with the first meeting held in Bangor, Wales in January 2006. In 2007, the European Chapter meeting was held in Trebon, Czech Republic and in 2008 the meeting took place in Kuressaare on the Estonian island of Saaremaa. In the 2009, the meeting was organized in Erkner near Berlin, Germany and in 2009 the meeting was held in Tramore, Ireland. SWS Europe is focused on understanding and advancing wetland science, as well as assuring that decision-making processes affecting wetlands are based on an understanding of wetland science. Carrying out this mission requires members who are informed about both the underlying science and the kinds of considerations that affect decision-making, many of which are specific to Europe and in particular the European Union. In addition, our members are technical and professional resources for one another, but only if members know each other.

SWS meeting European Chapter 2012 in Aarhus Denmark

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