

The 5th Nordic Water Framework Directive (WFD) Conference
Grand Hotel Reykjavik (Iceland) - Wednesday 26. September 2012



Welcome to the 5th Nordic WFD conference on “Water management issues in Nordic environments”

Background and aims of this event

The 5th Nordic WFD gathering will be hosted by [Environment Agency of Iceland](#), with [Heiðrún Guðmundsdóttir](#) as the contact person. The conference will focus on the status of the WFD implementation in the Nordic countries. Relevance of experiences and lessons learned for Nordic water managers gained from other countries on the British Islands will also be presented here.

The aims of the conference are to exchange experiences and discuss mutual challenges of major importance for Nordic water management for the implementation of WFD.

Some features enhancing Nordic collaboration on water issues in a European context:

- Large rural areas with lots of water bodies and few monitoring data
- Sub-arctic climate and partly same species composition, water types and pressures
- Comparable management systems and traditions
- Largest lake and coastal areas
- Hydropower an important source for electricity supply
- Common pressures and impacts regarding water management issues

The Nordic countries - Sweden, Denmark, Finland, Iceland and Norway – have joined forces to harmonize the implementation of the Water Framework Directive in the Nordic countries. This Nordic exchange of experiences started in 2006. Summaries of previous events can be seen [here](#).

Program - Wednesday 26th September 2012

8:30 Registration and Coffee

09:00 – 10:30 Icelandic WFD Perspective (*approx. 20 min each including questions*)

Chairman:

Welcome –Introduction of Iceland in European cooperation (Kristín Linda Árnadóttir – 5-10 minutes)

Water Ways from Glaciers to Coastal Waters in Iceland (Jórunn Harðardóttir, Icelandic Met Office)

Geothermal resources and hydropower utilization and management (Kristinn Einarsson, National Energy Authority)

Volcanic Eruptions and flood management (Emmanuel P. Pagneux, Icelandic Met Office)

The biota in Icelandic fresh waters. Few species-many niches (Sigurður Guðjónsson, Institute of Freshwater Fisheries)

10:30-11:00 Coffee break

11:00-12:30 European WFD perspective and Nordic relevance (*30 min including 5 min for questions*)

Chairman:

WFD intercalibration issues – the process and results of the harmonisation of WFD ecological classification tools and ecological potential (Sandra Poikanse, JRC, Ispra)

Ecological classification – state of play for the Nordic countries (Anne Lyche Solheim, NIVA)

Experiences of using coastal and transitional waters methods for implementing WFD in Scotland (Roger Owen SEPA Scotland)

12:30-13:30 Lunch

13:30 – 17:00 Country wise status of WFD implementation and ECs assessment of RBMPs (30 min each)

Chairman:

A comparison of WFD implementation in the Nordic countries in the light of the blueprint (Jo H. Halleraker, DN) 20 min

Lessons learned and experiences about WFD in Ireland – (*Tom Stafford, EPA, Ireland*)

Lessons learned and experiences about *WFD implementation in Austria and the Alpine convention* (*Veronika Koller-Kreimel, Lebensministerium*)

WFD status in Finland –Antton Keto (SYKE)

15:15-15:45 Coffee break

WFD status in Sweden – Lennart Sorby (HaVa)

WFD status in Norway – Anders Iversen (DN) and Jon Lasse Bratli (KLIF)

WFD status in Iceland – Heiðrún Guðmundsdóttir (UST)

17:30 End of WFD conference – swimming pool with heitur pottur...

19:30 Conference dinner

Program committee and **coordinators** (in bold) to nominate national participants:

Heiðrún Guðmundsdóttir, Environment Agency of Iceland, Iceland

Sigurður Guðjónsson, Institute of Freshwater Fisheries, Iceland

Lennart Sorby, Havs- och vattenmyndigheten, Sweden

Niklas Holmgren, Vattenmyndigheten Södra Östersjön, Sweden

Antton Keto, Finnish Environmental Institute (SYKE), Finland

Milla Maenpää, Finnish Environmental Institute (SYKE), Finland

Jo Halvard Halleraker, Norwegian Directorate for Nature Management (DN), Norway

Jon Lasse Bratli, Norwegian Climate and Pollution Agency (Klif), Norway

Costs:

Participation fees (excluding dinner):

Conference day (26.09): 200 €/300 € for registration before/after 5. Sept (to be paid at arrival)

Conference and workshops (26.-27.09): 250 € (for invited participants)

Excursion: Friday 28.09 (meals must be paid separate) – 25 €

Dinners: Conference dinner – Wednesday 26th at 19:30 and Workshop dinner – Thursday 27th

Cost: 55 € for 3 course dinner including two glass wine each day

Registration to Kristinn Valtýsson; email: kv@ust.is with copy to Heiðrún Guðmundsdóttir.

Hotel must be booked separately after 1. Sept.

Excursion description – One day water adventure in Iceland

Friday 28.09: starting after lunch until 21:00

Excursion to West and South Iceland where we will look at some interesting sites. In the west we will have the opportunity to see some very nice salmon rivers. We will also see some geothermal springs and cold water springs. From West Iceland we will take a route through the mountains to Þingvellir the old parliament site of Iceland which is also a very interesting geological site. We will then travel along Lake Þingvallavatn and see a large geothermal power plant. We will then have dinner in a very nice small village on the South coast. After dinner there is 1 hour drive back to Reykjavik. This is still a preliminary program so it is still subject to changes.

Practicalities:

Participation:

Wednesday 26th of September – open conference for everyone.

Thursday 27th and Friday 28th of September: Workshop and excursion – **for invited participants** only (max 15 persons pr Nordic country, and max 15 participants pr working group topic)

Excursion: Maximum 50 seats in the bus

Preliminary program for the 5th Nordic WFD workshop 2.7-28. Sept

For invited participants only – deadline for detailed WS programme: 31.08.12

Working group (WG) topics for 27th of Sept (09 – 18), 28th of Sept (09 – 12:30)

		27.sep			28.sep
		09 until 12	13 until 15	15:30 until 18	08:30 until 12:30
WG	Topic	Pre lunch	Post lunch	Afternoon	Pre lunch
1	Coastal water	Monitoring	Classification	Charachterisation	
2a-b	Effectivenss of measures - HYMO	General	HYMO		
2a, c	Effectivenss of measures - Pollution		Pollution		
3 a c	ICT solutions	Reporting	GIS and modelling	Open source	
3 di	Measure library				Technical
3 dii	HYMO measure library				HYMO
3 diii	Pollution measure library				Pollution
4	Classification - inland waters		Classification		Monitoring

1. Coastal water (27.09) – **Jon Lasse Bratli - NO**
 - a. Monitoring
 - b. Classification systems
 - c. Characterization
 - d. Pressure analysis and significant water management issues (e.g. mining, harbours, aquaculture, article 4.7 etc.)

2. Effectiveness of measures - **Antton Keto – FIN**
 - a. General (fact sheets, costs, ecological effect, modelling)
 - b. Hydromorphology mitigation measures (Hydro power and other HYMO pressures) – **Antton Keto – FIN/Jo H. Halleraker - NO**
 - c. Pollution mitigation measures– **Antton Keto – FIN/Hilde Keilen - NO** ;
 - i. Diffuse (agriculture, acid rain etc.),
 - ii. Point source (polluted sediments, etc)

3. ICT solutions and modelling (3 a and b – 27.09) – **Niklas Holmgren - SE**
 - a. Reporting (interim report on measures)
 - b. GIS and modelling (characterization, modelling for classification)
 - c. User interface and Open Data
 - d. Measure library (Friday 28.09)
 - i. Technical issues (user interface etc)
 - ii. Hymo measures (measure based method etc, incorporating WG 2b)
 - iii. Pollution measures (combination of measures etc, incorporating WG 2c)

4. Classification and monitoring of inland waters - **Steinar Sandøy - NO and Sigurður Guðjónsson - IS**
 - a. Further harmonization on classification
 - b. Monitoring
 - c. Action for last Nordic calibration step towards 2013?
 - d. Focus on classification of fish – comparison of Nordic and British systems

Talks;

- *Ecological status and pressures of European surface waters (Anne Lyche Solheim, NIVA)*
 - *Harmonization on classification (Sandra Poikane, JRC)*
 - *A new pragmatic Norwegian fish classification system (Odd Terje Sandlund (NINA))*
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Friday 28th of September:

09-12 Workshop – Measure library – WG 3 b

12-13 Lunch

13 – 21 Excursion on western part of Iceland guided by [Sigurður Guðjónsson](#). (see above)