INTERNATIONAL WORKSHOP ON

ESTIMATION OF NITROGEN LOADS TO THE MARINE ENVIRONMENT AROUND THE TIME OF THE YEAR 1900

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WELCOME

Workshop goal:

Improve the methods used to estimate nitrogen concentrations and loads to the coastal waters back in time in the context of the Water Framework Directive implementation

Sharing experiences and discuss data and methods including models used to estimate nitrogen loads back in time

WELCOME

Workshop questions:

- What are the key factors that influenced the nitrogen cycle back in time?
- How can the effect of the agricultural practises on the nitrogen concentrations and loads back in time be estimated?
- How can the effects of landscape on nutrient retention back in time be estimated?
- How and to what extent have changes in meteorological conditions affected the nitrogen loads back in time?
- What can we learn from actual measurements from the time of the defined reference state?

Programme - morning

8.30 – 8.40	Welcome (Hanne Bach)
8.40 - 9.30	Introduction (Chair: Hanne Bach)
9.30 – 10.15	Session 1 (Chair: Professor Jørgen Eivind Olesen): Land use, agriculture, landscape and drainage around the time of the year 1900 in Denmark and North West European countries
10.15 – 10.45	Coffee break
10.45 – 12.15	Session 2 (Chair: Professor Brian Kronvang): Utilizing historical data to detect changes in hydrology and nitrogen concentrations and loadings around the time of the year 1900
12.15 – 13.00	Lunch

Programme - Afternoon

13.00 – 14.45	Session 3 (Chair: Professor Jørgen Eriksen): Methods applied to estimate hydrology and nitrogen concentrations and loadings around the time of the year 1900
14.45 – 15.45	Discussion and future perspectives (Chair: Chief Consultant Poul Nordemann Jensen)
15.45 – 16.00	Concluding and closing session

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