

Baltic Marine Environment Protection Commission

Heads of Delegation Helsinki, Finland, 9-10 December 2014 HOD 47-2014

Document title Invitation to Seminar on Sea based methods to reduce consequences of eutrophication,

Stockholm, Sweden, 12 February 2015

Code 3-28 Category INF

Agenda Item 3 – Matters arising from the HELCOM Groups

Submission date 9.12.2014 Submitted by Sweden

Reference

Background

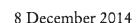
In collaboration between the Agency for Marine and Water Management; Baltic Nest Institute and Baltic Eye at the University of Stockholm; and the Ministry of the Environment a Seminar on Sea based methods to reduce consequences of eutrophication will be arranged the 12th of February 2015.

The Seminar will be organized at the University of Stockholm, Geo Science Building and will present the latest research and field projects in Sweden on different methods to reduce the internal load of phosphorous in the Baltic Sea and other sea-based ways of reducing eutrophication symptoms which could be used to complement measures to reduce land-based load of plant nutrients and speed up the recovery of the Baltic Sea.

The seminar is targeting civil servants, scientists and representatives of business and environmental organizations working with the eutrophication of the Baltic Sea at national and local levels in Helcom countries.

Action required

The Meeting is requested to <u>take note</u> of the invitation, and Heads of Delegations are free to distribute the information to potential participants.





Ministry of the Environment Sweden

Invitation to Seminar on Sea based methods to reduce consequences of eutrophication

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The seminar is targeting civil servants, scientists and representatives of business and environmental organizations working with the eutrophication of the Baltic Sea at national and local levels in Helcom countries. The seminar is free of charge and the number of participants is limited to about 100. The program is attached.

Registration should be made to balticeye.ostersjocentrum@su.se no later than 1 February 2015.

Looking forward meeting you in Stockholm,

Stefan Berggren

Marine Director

- Sea Based Measures
 to reduce consequences of Eutrophication
- 12 February 2015, Stockholm University

Foto: Azote

Seminar Program

The seminar aims to give a scientific background to the influence of eutrophication on nutrient cycling and present pilot projects to discuss the potential of these as complementary solutions for combating eutrophication in the Baltic Sea.

Coffee and sandwich 9.00 - 09.3009.30 - 09.40Welcome address

Scientific background to Baltic Sea Eutrophication, Bo Gustafsson Baltic Nest Institute 09.40 - 10.20

10.40 - 12.00Presentations of projects

Emil Rydin and Linda Kumblad Baltic Sea 2020

»Anoxic sediments bind phosphorous after Al-treatment.«

Anders Stigebrandt Gothenburg University

»Oxygenation of anoxic bottoms as a method to decrease the internal P-load and the eutrophication of the Baltic Proper«

Bengt Simonsson, Teknikmarknad

»Removing eutrophication-causing sediment top layer from seabed, converting it to valuable raw materials"

Sven Blomqvist, Stockholm University »Enhanced inactivation of P in Baltic sediments by addition of marl"

12.00-12:45 Lunchbreak

12:45-13.45 Short parallell presentations

A. Dennis Wiström, Västervik Municipality

»Eutrophication as a resource - Restoration of a eutrophicated fjord through irrigation of crops with nutrient

B. Matilda Gradin, Trelleborg Municipality

»Nutrient recycling in agricultural landscapes via production wetlands, algae and biogas«

C. **Susanna Minnhagen,** Kalmar Municipality

»Large-scale feed-mussel farms to harvest nutrients from the sea"

D. Heiki Pitkänen and Jouni Lehtoranta, SYKE Finnish Environment Institute

»Benefits and disadvantages of artificial oxygenation based on results from coastal experiments.«

E. Sif Johansson, EviEM The Mistra Council for Evidence-Based Environmental Management

»Can a reduction of zooplankton feeding fish improve water quality?«

13.50-14.10 Sea based methods in perspective, Lena Viktorsson Baltic Eye

14.30 -15.30 Panel discussion on potential, risks and the way forward

Moderated by **Susanna Baltscheffsky**, Editor in Chief, Ny Teknik

15.30-15.45 Closing remarks and wrap up

Registrations can be made to balticeye.ostersjocentrum@su.se before February 1st





Swedish Agency for Marine and Water Management