

Invitation to lunch seminar

Lecture by Prof. Mats Tysklind

Professor at Environmental Chemistry, Umeå University, Sweden
Visiting Professor at CENAKVA

Cycling and fate of legacy and emerging contaminants in Nordic aquatic ecosystems

Wednesday, May 3, 2023, 11:30 – 13:00

Na Sádkách 1780, 370 05 České Budějovice
Campus of the University of South Bohemia,
The lecture room R1

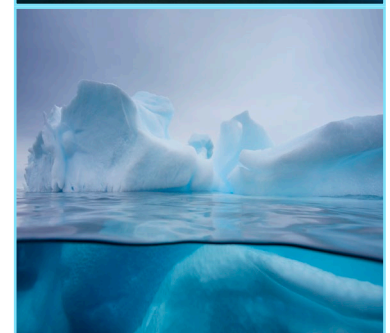
Please confirm your participation [here](#) by May 2, 2023.

Lunch sandwich for all registered participants.

Free admission. Capacity max. 50 persons.

Abstract

The Baltic Sea has vulnerable ecosystems highly influenced by human activities and the pressure from contaminants has been of concern for decades. Legacy and new emerging contaminants enter the brackish marine ecosystem via several pathways, such as direct effluents from cities located at the coast, leakage for contaminated sediments, or transport from larger land areas via rivers. In the northern Baltic Sea (Bothnia Sea and Bothnian Bay) most anthropogenic sources are located along the coast and have high inflow of dissolved organic carbon from rivers. Examples of abiotic and biotic factors influencing the cycling and fate of legacy and emerging contaminants will be presented and discussed. Are observed temporal and spatial changes (both decrease and increase) result of mitigation, ecological shifts or climate change?



Professor Mats Tysklind

Research

My research is focused on the environmental behaviour of legacy and new emerging persistent organic pollutants (POPs). Special interest in studies in soil and water systems and to explore the possibility to connect inherent physicochemical properties to transport, transformation and biological uptake processes. In addition, research on fundamental processes of relevance for development of new environmental technologies for contaminated soil and water.

Employment, academic appointments and education

- 2006 – 2013** Deputy head at the Department of Chemistry with responsibility for research
- 1999 – today** Professor and chair in Environmental Chemistry, Department of Chemistry, Umeå University
- 1996 – 1999** Lecturer in Environmental Chemistry, Dept. of Environmental Chemistry, Umeå University
- 1997** Parental leave four months
- 1994 – 1998** Assistant professor (For.ass.)
Dept. of Environmental Chemistry, Umeå University.
- 1989 – 1993** PhD-student,
Department of Environmental Chemistry, Umeå University
- 1985 - 1988** Research Engineer,
Department of Organic Chemistry, Umeå University
- 1983** MSc in Environmental Protection and Public Health,
Umeå University
- 1980** BSc in Chemistry and Biology, Göteborg University



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