

The color of water –
interplay with climate, and effects on drinking water supply

Workshop 5-6 February, Wiks slott
Program

Wednesday, 5 Feb

9.00-9.25 Coffee

9.30 Erik Sahlée, Lars Tranvik, Introduction

Task 1 Improved monitoring of inland waters

a) Fluorescence spectroscopy as a new tool in standard monitoring programs to measure DOC quality

b) Remote sensing for large-scale and frequent monitoring of DOC

09.45 Lars Tranvik

10.00 Dolly Kothawala What can fluorescence tell us about the colour of water?

10.15 Anne Kellerman Chemodiversity of CDOM in Swedish lakes

10.30 Tiit Kutser

10.45 Discussion *LT leads*

Task 2 Drinking water treatment – developing strategies for an improved DOC removal

11.15 Stephan Köhler

11.30 Elin Lavonen

11.45 Discussion *SK leads*

12.15 Lunch

Task 3 Characterization of the consequences of changing DOC for the carbon cycle

13.15 Anna Rutgersson

13.30 Eva Podgrajsek

13.45 Sebastian Sobek

14.00 Discussion *AR leads*

14.30 Coffee

15.00 Discussion Open discussion on today's activities

18.00 Dinner

Evening Group discussions

Thursday, 6 Feb

Task 4 DOC quality and quantity – interplay with climate

Task 5 Reactivity

8.45 Gesa Weyhenmeyer

9.00 Birgit Köhler Microbial and photochemical reactivity of DOM

9.15 Discussion *GW leads*

9.45 Coffee

10.15-12.00 Summary discussion (*LT leads*)

12.00 Lunch

Participants

Erik Sahlée
David Bastviken
Anna Rutgersson
Eva Podgrajsek
Anne Kellerman
Tiit Kutser
Roger Müller
Gesa Weyhenmeyer
Sebastian Sobek
Birgit Köhler
Simone Peter
Jovana Kokic
Dolly Kothwala
Marcus Wallin
Stephan Köhler
Lars Tranvik
Elin Lavonen
Blaize Denfield
Hannah Chmiel
Duc Trinh
Sivakiruthika Natchimuthu
Nuria Catalan
Guanghuan Cheng
Monica Ricao Canelhas