

Stakeholder seminar AQUAPLEXUS

Non-target screening:

A promising tool for environmental monitoring?

26.03.2025, kl 11:00-15:00, GEUS

Theodor Sorgenfrei Auditorium, Øster Voldgade 10, Copenhagen

More information and registration: www.aquaplexus.dk/events/stakeholder-seminar

In this seminar, we will introduce non-target screening (NTS), also called chemical fingerprinting, and discuss the potential of this method for Danish monitoring programs. Both surface, drinking and groundwater, biota or food are continuously surveyed for the presence of organic micropollutants, such as pesticides or PFAS. But are we looking for the correct compounds in the monitoring programs? Through a series of presentations, current applications of non-target screening will be introduced. Subsequently, we will discuss the possibilities and limitations of using non-target screening as a tool in Danish environmental monitoring in the future.

Preliminary program

- 11:00** **Welcome**
Claus Kjøller, GEUS
- 11:10** **What is NTS? – Introduction to non-target screening**
Ulla E. Bollmann, GEUS
- 11:30** **Non-target screening in groundwater monitoring – News from AQUAPLEXUS**
Ulla E. Bollmann, GEUS
- 11:50** **Beyond water analysis – examples of non-target screening in other monitoring campaigns**
Katrin Vorkamp, AU/DCE
- 12:10** **New knowledge in water utilities utilizing non-target screening results**
Ida Holm Olesen, INSA drikkevand
- 12:30** Lunch
- 13:10** **Non-target approaches for food analyses and food control**
Elena Hakme, DTU Food
- 13:30** **Strategies for prioritization and identification in non-target screening**
Selina Tisler, KU-PLEN
- 13:50** **Prioritization strategies: How can we evaluate what is posing a risk?**
Nina Cedergreen, KU-PLEN
- 14:10** **Discussion: NTS in Danish environmental monitoring – Are we ready?**
Helle Rüz Hansen, MST
- 14:50** **Wrap up**
Claus Kjøller, GEUS

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