

Trends and advancements in the sampling and preservation of samples for the identification of contaminants of emerging concern

When: **March 2nd and 3rd 2016**

Where: **CIENS Forum, Gaustadalléen 21, 0349 Oslo, Norway**

Hosted by Norwegian Institute for Water Research (NIVA), www.niva.no

Organised by NORMAN – The Network of reference laboratories, research centres and related organisations for monitoring of emerging environmental substances, www.norman-network.net

The NORMAN network is an independent and competent platform in the field of emerging substances. NORMAN facilitates the exchange of information, debate and research collaborations at a global level with official recognition from institutional agencies of the EU.

The workshop on the “Trends and advancements in the sampling and preservation of samples for the identification of contaminants of emerging concern” will discuss the challenges and pit-falls of working with emerging contaminants. The workshop will tackle three specific themes:

- **How do we effectively sample for emerging compounds?**
- **How do we conveniently store samples for future emerging compounds?**
- **What are the future trends for the sampling analysis of emerging compounds?**

The main objectives of the workshop are to discuss and evaluate the effectiveness of the approaches currently in place for sampling, banking and preservation of samples for emerging contaminant identification, and to develop a framework for identifying the next generation of emerging compounds.

Programme outline

Day 1

12:00 *Registration and lunch*

13:00 *Welcome*

13:10 *Opening Center of Innovation at NIVA*

13:40 *Introduction*

13:45 Keynote

Best practices and their challenges when banking samples from remote regions of the Pacific. Rebecca S. Pugh (NIST, USA)

14:30 *Break/Coffee*

14:50 Session 1: How do we conveniently store samples with emerging compounds?

14:50 What are the challenges for environmental specimen banks?
Jan Koschorreck (Federal Environmental Agency, Germany)

15:10 Perspectives of repositories for environmental mass spectral and metadata for non-target and retrospective analysis.
Tobias Schulze (Centre for Environmental Research (UFZ), Germany)

15:30 Specimen banking of passive samplers for aquatic environments: purpose, possibilities and procedures. Ian Allan (NIVA, Norway)



- 15:50 *Break/Coffee*
- 16:15 Hot banking session (10+5 mins): 6 x 10+5 min presentations on the next generation of banking samples for the identification of emerging compounds
- 17:45 Panel discussion: Next generation of specimen banks.
- 18:30 *Drinks and tapas*

Day 2

09:00 **Session 2: Future trends for the sampling and analysis of emerging compounds**

- 09:00 Microplastics from a European perspective (Clean Sea).
Heather Leslie (IVM, The Netherlands)
- 09:20 Autonomous sensor platform development for organic environmental contaminants.
Fiona Regan (DCU, IE)
- 09:40 Sampling Design - From a statistical point of view.
Dag Øystein Hjermann (NIVA, Norway)
- 10:00 The Kon-Tiki2 expedition: Documenting climate change, litter and pollution.
Cecilie Mauritzen (Chief Scientific Officer, Kon-Tiki2)
- 10:20 *Break/Coffee*
- 10:45 Hot trends session (10+5 mins): 6 x 10+5 min presentations on the next generation of sampling and preserving for the identification of emerging compounds
- 12:15 Panel discussion: Next generation of sampling for emerging compounds
- 12:40 Workshop ends
- 13:00 – 14:00 *Lunch and goodbye*

Supported by



Organisation

Venue

The workshop will be held at the Oslo Centre for Interdisciplinary Environmental and Social Research (CIENS), Gaustadalléen 21, 0349 Oslo, Norway, where NIVA's head office is located. The nearest metro station is Blindern.

Further directions to the venue will be provided following registration.

Registration

We kindly ask you to make sure that your registration is received by the 15 February 2016. Please register [here](#) or type <https://survey.analyzer.com/?pid=n3sireqi> in your browser.

Invitation to present in the open sessions

Should you wish to present your research on one of the three specific themes, please add a short description in the registration form of why your topic is of interest to the audience. These descriptions will not be published and are used solely to plan the workshop programme.

Accommodation

A wide variety of accommodation is available in Oslo. NIVA has a corporate agreement with Thon Hotels which must be booked online via www.thonhotels.com using the following customer number TH38679619 providing FORSKNING as the company name. We recommend that you chose a down-town hotel within walking distance to the metro system.

Weather

The weather in Oslo in early March can be cold. It is therefore advisable to check the weather (www.yr.no) before you travel and dress appropriately for the conditions.

Working language

The official language of the workshop is English.

Contact

If you have further questions, please contact:

Elisabeth Lie

Phone: +47 971 44 419

E-Mail: Elisabeth.lie@niva.no