

Invitation to participate in the



PFAS workshop, 1. Oct. 2021

Welcome to the PERFORCE3 workshop on new research outcomes on PFAS use, human exposure and waste handling.

This workshop will link new research outcomes with examples of PFAS use, human exposure and waste handling. It will also explore how to limit PFAS use to support more effective decision-making tools to protect human health and environmental sustainability.

PFAS are used in a large number of applications, including polymer manufacturing, cosmetics and personal care products, stain-resistant coatings, and firefighting foams. The extent of contamination and the risks that PFASs pose to humans and the environment are still being investigated and just beginning to be understood from a regulatory context. Moreover, numerous alternative PFASs are being introduced to the global market annually, with little accompanying information on their potential hazards. These chemicals pose major challenges to scientists across a wide range of disciplines, such as analytical chemistry, exposure science, health risk assessment, development of alternatives, remediation, and policy.

The project PERFORCE3 is a European Training Network (ETN) on *PER and polyfluorinated alkyl substances towards the Future Of Research and its Communication in Europe*, bringing together world leaders in a range of relevant multiple disciplines. Along with spin-off PERFORCE-North, PERFORCE3 aims to greatly improve the understanding of PFASs. This will lead to improved risk-assessment framework and policies, alternative 'green' chemistries, and new tools for remediation and environmental monitoring.



Workshop details:

Date: Friday, 1st October 2021
Time: 09.00-15.45
Place: Fram Centre, Tromsø, Norway and digital/video
Language: English
Programme: Reverse side of invitation
Website & registration: <https://perforce3-itn.eu/events/perforce3-workshop/>
Register before: 15 September 2021
Price: Free of charge
Inquiries: siw@nilu.no



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Programme

09.00 - 09.10 Welcome by Trude Borch, Akvaplan-niva

09.10 - 09.30

Dorte Herzke, NILU: *PFAS and the environment*

09.30- 09.50

Torkjel Sandanger, UiT: *PFAS and human health*

09.50 - 10.05

Ian Cousins, SU: *Short about PERFORCE3*



10.05 - 10.20 Coffee break with snack

6 short presentations - 10 minutes presentation, 5 minutes questions

10.20 - 10.35

Ana Carolina Coelho, PhD candidate, UiT: *The effects of legacy and replacement PFAS on gene expression and metabolome*

10.35 - 10.50

Lara Cioni, PhD candidate, NILU: *PFAS and total organofluorine exposure over time and dietary predictors in two Norwegian cohorts*

10.50 - 11.05

Rachel London, PhD candidate, ETHZ: *Comprehensive assessment of alternatives to long-chain PFASs and policy recommendations for the assessment and management of PFASs*

11.05 - 11.20

Michel Hubert, PhD candidate, NGI: *Advancing transport models and in situ remediation techniques for PFAS contamination in unsaturated soil*

11.20 - 11.35

Joost Dalmijn, PhD candidate, SU: *Release of known and unknown PFASs to the atmosphere and resulting human exposure*

11.35 - 11.50

Linda Hanssen, senior scientist, NILU: *Target analyses of PFAS and EOF in consumer products*



11.50 - 13.00 Lunch

5 presentations by stakeholders - 15 minutes presentation, 5 minutes questions

13.00 - 13.20

Martin S. Melvær, Bellona (ENGO): *The Bellona perspective on PFAS and hazardous substances*

13.20 - 13.40

John Barlindhaug, Perpetuum AS (waste management service): *Perpetuum, at the forefront for safe disposal of PFAS contaminated soil*

13.40 - 14.00

Remiks by Robert Tarasz, Mivanor (wastewater treatment supplier): *Treatment of leachate from PFAS contaminated soils*

14.00 - 14.20

Audun Heggelund, Norwegian Environment Agency: *Proposal for restriction of PFAS under REACH*

14.20 - 14.40

Felix Aejmelaesus-Lindström, Fjällräven (outdoor clothing & equipment): *How free can we be?*

14.40 - 15.00 Coffee break

Panel discussion with Ian Cousins, Linda Hanssen and stakeholders

15.00 - 15.30

Moderated by Christine Forsetlund Solbakken, NILU



15.30 - 15.45 Concluding remarks by Dorte Herzke & Torkjel Sandanger