

Eawag

Eawag is a research institute within the ETH domain and is one of the world's leading research institutes in the field of water and aquatic ecosystems. It works on concepts and technologies for the sustainable use of water resources, while striving to reconcile the ecological, economic and social aspects of the water bodies. Eawag also undertakes teaching and consultancy work, and thereby acts as an important link between research and practical application. Over 400 staff are employed by Eawag in Dübendorf and Kastanienbaum. eawag.ch

PEAK

Eawag offers a continuing education programme to practicing professionals, which goes by the name of PEAK (practice oriented Eawag courses). The courses are based on current research work and experiences. Several courses are run every year, which, alongside PEAK's purpose of knowledge transfer, serve as a forum for dialogue between the participants, and between research and practice. peak.eawag.ch

Division of Analytical Sciences of the Swiss Chemical Society

The Swiss Chemical Society (SCS) represents chemists, scientists and technicians from chemistry related fields in national and international organizations. The society supports the exchange of scientific and technical know-how and offers corresponding networking possibilities to the academic and industrial community. It has members in more than 50 countries and represents about 2700 individual and institutional members. The Division of Analytical Sciences (DAS) is a forum for analytical chemistry in the chemical sciences, materials science and the life sciences. The DAS has around 600 members and hosts the Section Chemistry and the Environment. DAS offers a wide range of further education courses in the fields of analytical sciences such as separation, spectroscopy, analytical applications, methods of biotechnology and life sciences as well as quality assurance and information management. kurse.scg.ch/en/

Eawag

Swiss Federal Institute of Aquatic
Science and Technology

Sample preparation methods for environmental organic chemical analysis

In cooperation with the Division of Analytical Sciences of
the Swiss Chemical Society

PEAK – DAS/SCS Course B30/21 (in hybrid mode)
March 16 2021, Dübendorf and online



Sample preparation methods for environmental organic chemical analysis

In cooperation with the Division of Analytical Sciences of the Swiss Chemical Society / PEAK – DAS/SCS Course B30/21

Objectives

The course enables participants to learn key sample preparation methods used in the analysis of organic chemicals in various environmental matrices, including water, sediments and biota. Participants will also learn how sample preparation is applied and optimized to answer specific questions in research or applications.

For whom

The course targets professionals (e.g., technicians and research staff) and students interested in learning about environmental sample treatment methods applied before organic chemical analysis.

Course Subjects

- General considerations and critical concepts for sampling and sample preparation
- Considerations in sample preparation for targeted versus non-targeted analysis
- Methods used in the treatment of water samples
- Methods used in the treatment of sediments and biota
- Quality control during sample preparation
- Sample treatment case studies from research projects

Online Participation (optional)

Participation in the course via internet using video conferencing is possible. Technical requirements are an internet connection – broadband wired or wireless, speakers, and a microphone. Details are available upon registration.

Lecturers

Dr. Kasia Arturi, Eawag
Dr. Claudia Coll, Eawag
Prof. Dr. Kathrin Fenner, University of Zürich, Eawag
Dr. Qiuguo Fu, Eawag
Dr. Martin Jones, Eawag
Dr. Tarek Manasfi, Eawag
Dr. Lena Schinkel, Eawag
Heinz Singer, Eawag
Dr. Michael Zumstein, Eawag

Information

Prof. Dr. Kathrin Fenner, University of Zürich, Eawag, kathrin.fenner@eawag.ch
Dr. Tarek Manasfi, Eawag, tarek.manasfi@eawag.ch
Heinz Singer, Eawag, heinz.singer@eawag.ch

Course Documentation

The participants are provided with course documentation.

Course Language

The course is conducted in English.

Confirmation

The participants will receive a course certificate.

Course Secretariat and Registration

Eawag, PEAK, 8600 Dübendorf, Phone +41 58 765 56 25, peak@eawag.ch or peak.eawag.ch

Registration deadline March 1 2021

Course Fee

CHF 200.–, fee includes taxes, course material, lunch and refreshments. Other meals and hotel accommodation are not included.

CHF 150.–, fee for online participation and for students (a copy of a student card is required) including course material

General Terms and Conditions

Eawag's general terms and conditions apply:
eawag.ch/gtc

Date, Time

Tuesday, March 16 2021 from 9:00 am to 5:00 pm (CET)

Location

Eawag (on site), Überlandstrasse 133, 8600 Dübendorf and online