

Two-day Course for PhD Students and Postdocs “Modelling of Air Pollution – for Users of Modelled Data in Health Studies”

Department of Environmental Science (ENVS), Aarhus University (AU), Roskilde is pleased to announce the two-day course on “Modelling of Air Pollution – for Users of Modelled Data in Health Studies” to be held at Department of Environmental Science, Aarhus University Roskilde, May 27 – 28, 2019.

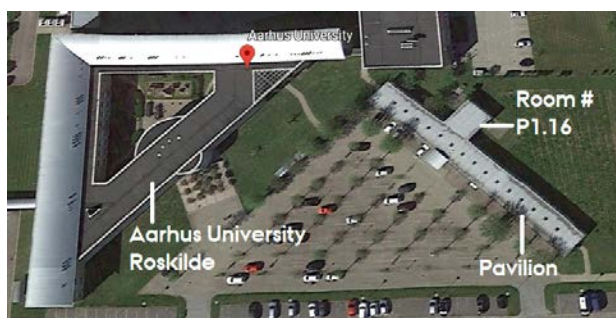


Time

27th to 28th of May 2019

Location

Department of Environmental Science, Aarhus University (main building), Pavilion (in front of main building's parking area), Lecture room # P1.16 (see map below)



Address: Frederiksborgvej 399, DK-4000, Roskilde, Denmark.

For directions and campus access instructions, see <http://envs.au.dk/en/contact/directions-map/>

Objective

The main objective of the course is to introduce the students to state-of-the-art within air pollution modelling from long-range transport down to urban scale and single addresses, but also basic knowledge about particle pollution – composition, size, sources, chemical formation, as well as basic knowledge about emissions. The course provides an excellent opportunity to understand the physical and chemical processes governing air pollution loads and levels in the ambient environment.

Requirements

A basic knowledge of physics and chemistry in terms of atmospheric dispersion would be highly advantageous. Course participants are encouraged to bring their own laptops.

Credits

1 ECTS, Aarhus University. The course includes preparation by reading pre-requisite material or solving exercises/assignments (at the end of the course) related to the lectures. Total work load is about 25 – 30 h.

Lecturers

The course will be taught by professors and experienced researchers/scientists at ENVS-AU Roskilde. The list of lecturers includes:

- Dr. Ole Hertel, Professor and AQ Manager (ENVS-AU/BERTHA), course mentor
- Dr. Matthias Ketzler, Senior Scientist (ENVS-AU) and Visiting Professor at University of Surrey, United Kingdom
- Dr. Lise Marie Frohn Rasmussen, Senior Scientist (ENVS-AU)
- Dr. Andreas Massling, Senior Scientist (ENVS-AU)
- Marlene Schmidt Plejdrup/Ole-Kenneth Nielsen, Senior Researchers (ENVS-AU)
- Dr. Jibran Khan, Postdoc (ENVS-AU and BERTHA), course coordinator

Language

The course will be taught in English.

Program details

Further details to follow soon.

Fee

The course is free of charge.

Travel/Accommodation

Course participants/students are expected to cover their own expenses for travel and accommodation. If you want to book a hotel room in Roskilde, then please send an e-mail to Christel Ege-Johansen, cej@envs.au.dk before **1st of May** and you will receive the necessary information for a booking.

Lunch/coffee

Aarhus University will cover the expenses for lunch and coffee/tea.

Social activity

If you would like to participate in Social Dinner at the end of the first course day (at your own expense), then please indicate so in the registration. We will book a table at a restaurant in Roskilde city centre. Just send an e-mail to Christel Ege-Johansen, cej@envs.au.dk.

Insurance

The organizers of the course cannot accept liability for personal accident or loss or damage to private property of attending students/participants, which may occur either during or arise from the course. Participants are therefore advised to arrange their own appropriate insurance coverage.

Registration

For registration, please send an e-mail to Christel Ege-Johansen, cej@envs.au.dk and please indicate in your registration if you want to book a room in Roskilde and if you want to participate in the social dinner.

Applicants must register to the course on 3rd May 2019 at the latest.

If you have any questions concerning the course, please do not hesitate to contact Jibran Khan (jibran@envs.au.dk).

Organizer

The course is organized by Department of Environmental Science, Aarhus University within the framework of the Danish Big Data Centre for Environment and Health (BERTHA) and Nordic WelfAir projects.