

## HAZARDOUS SUBSTANCES INTERNATIONAL SCHOOL

Faculty of Health Sciences, University of Ljubljana organises within the CEEPUS Network Training and research in environmental chemistry and toxicology (CIII-SI-0905) Virtual International School **Hazardous substances**. The school will be organised in the period from 16.11. until 18.11.2020 via Zoom platform.

The objective of the International School is to provide students with the opportunity to combine their study and research interests with an international team of experts in the field of environmental chemistry and toxicology. In the context of the Summer School we have invited reknown researchers and lecturers from various universities who will offer courses in the areas of environmental research, particularly with a view to promoting research in environmental sciences in order to support education in fields related to environmental chemistry. The main topics covered are chemicals, their transformations, degradation processes and toxicity. The programme will be organized in the form of intensive lectures.

Candidates should send an application to the prof. Polonca Trebše ([polonca.trebse@zf.uni-lj.si](mailto:polonca.trebse@zf.uni-lj.si)) till 10.11.2020.

The application has to include:

- Bibliography
- Motivation letter
- Letter of recommendation from a supervisor
- Current enrolment certificate

### PRELIMINARY PROGRAMME

#### MONDAY, NOVEMBER 16 2020

9.00:

**International school opening, Welcome of dean, vicedean**

9.05 – 11.00 prof. Polonca Trebše:

**Introductory lecture, terminology, physico-chemical properties; MSDS**

11.00 – 12.00 prof. Polonca Trebše:

**Chemicals and the environment (sources and fate);**

12.00 – 13.00 LUNCH BREAK

13.00 -14.00 prof. Jasmina Djedibegović:

**Toxic Heavy Metals (Mercury, Lead, Cadmium, Arsenic);**

14.00-16.00 prof. Jasmina Djedibegović

**Oil pollutants, Hydro- carbons in the environment, PCBs, PAHs, dioxins and furans;**

#### TUESDAY, NOVEMBER 17 2020

9.00 – 12.00 prof. Mojca Bavcon Kralj:  
**Toxic organic chemicals (pesticides, applications, pest management);**

12.00 – 13.00 LUNCH BREAK

13.00 -15.00 prof. Mihaela Badea:  
**Health aspects of pollution**

15.00 – 17.00 dr. Franja Prosenc  
**Microplastics as hazardous compounds**

**WEDNESDAY, NOVEMBER 18 2020**

9.00 – 10.00 prof. Guray Salihoglu:  
**Indoor pollutants**

10.00-12.00 prof. Polonca Trebše:  
**POPs, Stockholm convention; Endocrine disrupting chemicals (PBDEs, bisphenol A, phthalates);**

12.00 -14.00 prof. Guray Salihoglu:  
**Hazardous chemicals as wastes**

14.00 prof. Polonca Trebše  
**Closing remarks**