

21st International Summer School of RECETOX

Final updated 2025-06-10

Module A – Environmental and Health Risk Assessment of Chemicals in the EU - principles and regulatory practices – Monday-Wednesday 9-11.6.2025 (generic and introductory class, target audience are e.g. students of nature science field close to their diploma thesis or during PhD studies, early stage researchers or less experienced experts. In addition, young ministry officials or administrators responsible for chemicals management and risk assessment may also benefit from learning and overview of concepts of Chemical RA and practices used within various regulatory frameworks in the EU).

Detailed Agenda Mon-Wed 9-11.6.2025

Day 1 (Monday): 9.06.2025

Time	Topic	Speaker(s)	Activity type
09:00 – 9:30	Registration		
09:30 – 09:45	Opening of the Summer school and Tour de table of participants	Jana Klánová, Lukáš Pokorný, Luděk Bláha, RECETOX, and all	(room RCX1)
9:45 – 10:00	Stockholm Convention and chemical assessment	Lukáš Pokorný, RECETOX	Lecture (room RCX1)
10:00 - 11:00	Introduction - principles of risk assessment and management of chemicals	Luděk Bláha, RECETOX	Lecture (room RCX1)
11:00 – 11:30 (30')	Coffee-Break		
11:30 – 12:00	Chemical Risk Assessment Network activities	Richard Brown, WHO chemical risk assessment network, online	(room RCX1)
12:00 – 13:00	Risk Assessment of Chemicals – elements and tools Prospective vs Retrospective Exposure + Hazard = Risk Environmental (Ecotoxicology) and Health (Toxicology) Risks Regulatory aspects	Luděk Bláha, RECETOX	Lecture and case studies (room RCX1)

13:00 – 14:00 (60')	Lunch		
14:00 – 15:30	Collecting data for Exposure and Hazard Assessment - Lab tour RECETOX	RECETOX team	Excursion, demonstrations (- no room -)
15:30 – 16:00	Coffee-Break		
16:00 – 17:30	Prospective risk assessment of PESTICIDES within the EU regulation	Jakub Hofman, RECETOX	lecture and hands on-practice (room RCX1)
17:30 – 18:00	Wrap-up Q&A Discussion		(room RCX1)
18:00	End of the day		

Day 2 (Tuesday): 10.06.2025

Time	Topic	Speaker(s)	Activity type
09:00	Welcome and organizational notes	RECETOX team	(room RCX1)
09:00 – 09:45	Risk assessment of BIOCIDES within regulatory frameworks in the EU	Pavla Lakdawala, RECETOX	Lecture (room RCX1)
9:45 – 10:30	Retrospective Regulatory Risk Assessment approaches: WATER Framework Directive	Branislav Vrana, RECETOX	Lecture, case studies, examples (room RCX1)
10:30 – 11:00	Retrospective Regulatory Risk Assessment approaches: Occupational Exposures and Risks	Luděk Bláha, RECETOX	Lecture, case studies, examples (room RCX1)
11:00 – 11:30 (30')	Coffee-Break		

11:30 – 12:15	Contamination and risks of pesticides in European SOILS	Jakub Hofman, RECETOX	Lecture, case studies, examples (room RCX1)
12:15 – 13:00	Environmental risk assessment of MEDICINAL PRODUCTS Human vs Veterinary products, principles of current regulations - Case studies	Luděk Bláha, RECETOX	Lecture and case studies, practice (room RCX1)
13:00 – 14:00 (60')	Lunch		
14:00 – 15:00	Introduction to GIS	Ondřej Mikeš, RECETOX Rok Novak, JSI (Slovenia) Daniel Szabo, RECETOX	Computer work, hands-on data use visualization (PC room RCX2)
15:00 – 16:00	Practical exercise using QGIS: Part 1	Rok Novak, JSI (Slovenia) Daniel Szabo, RECETOX Ondřej Mikeš, RECETOX	Computer work, hands-on data use visualization (PC room RCX2)
16:00 – 16:30	Coffee-Break		
16:30 – 17:30	Practical exercise using QGIS: Part 2	Daniel Szabo, RECETOX Rok Novak, JSI (Slovenia) Ondřej Mikeš, RECETOX	Computer work, hands-on data use visualization (PC room RCX2)
17:30 – 18:00	Wrap-up Q&A Discussion	all + all lecturers	hands-on practice (room RCX1)
18:00	End of the day		

Day 3 (Wednesday): 11.06.2025

(Optional) Shared programme with Module B: PARC Training on **New Approach Methodologies (NAMs) in the chemical risk assessment**

See updated programme here: <https://www.recetox.muni.cz/summerschool>