

The LIFE-VERMEER integrated tool for human and environmental risk assessment

Workshop on developed risk assessment tools, 25 January 2022 online

The phasing-out and substitution of risky chemicals is one central objective of the European chemical policy. The LIFE VERMEER project contributes to this objective by providing tools for human and environmental risk assessment for chemicals, which combine hazard evaluation with exposure assessment. This workshop will provide an overview on capabilities and the field of application of the developed tools covering predictive approaches for physico-chemical and toxicological properties of chemicals using QSAR-models and models to estimate their environmental fate as well as the uptake and effect in environmental organisms and humans. Special focus will be put on the developed Sphera-Tools combining those different approaches in order to allow users to conduct risk assessments for specific scenarios. Participants will be guided to take hands on the tools. The training will specifically provide guidance on the SpheraFCM (food contact material) and SpheraDispersants (marine oil fate) by presenting a model case for each tool.

The workshop will be held online and is free of charge. A registration would be appreciated but is not required.

Agenda

9:30	Welcome
10:00	<i>Emilio Benfenati</i> . Istituto Mario Negri. The LIFE-VERMEER project in a nutshell
10:20	<i>Gianluca Selvestrel</i> . Istituto Mario Negri. Modelling physico-chemical and toxicological properties of chemicals using QSAR-models implemented in VEGA
10:40	<i>Philippe Ciffroy</i> . EDF. From the river to the liver - Modelling the fate of chemicals from the environment to the human body using Merlin-Expo
11:10	Coffee break
11:30	<i>Artur Radomyski</i> . formerly BfR. Training on the tool 1: Environmental risk assessment scenario - Chemical fate in a simple aquatic ecosystem
13:00	Lunch
14:00	<i>Philippe Ciffroy</i> . EDF. <i>Birgit Mertens</i> . Sciensano. Training on the tool 2: Human health risk assessment – Migration and hazards of chemicals present in food contact materials
16:00	End of the workshop



The workshop will be held using MS Teams.

For registration, please send an email with you name and contact information to matthias.grote@bfr.bund.de. In this way, we will be able to inform you on any possible updates of the agenda and, distribute the links to download the software and to join the MS Teams meeting.

If you have any questions, please contact matthias.grote@bfr.bund.de

In order to best benefit from the workshop training, it is recommended to install the developed tools on your computer prior to the event. Instructions for installation will be circulated by email to the registered participants prior to the event.

For more information on the project: <https://www.life-vermeer.eu/>

