**MEWS-Project - Meeting with stakeholders and project partners**

**Date**: Wednesday 19 June 2024 10:30 - 12:30.

**Location**: Water Works Ohra reservoir (Thueringer Fernwasserversorgung), Friedrich-Engels-Str. 84, 99885 Luisental, Germany.

**Online participation (Zoom)** 10:30 - 12:30: https://ufz-de.zoom-x.de/j/5215006662?omn=64250235578

**Optional**: participants on location in Luisenthal are also invited to join to visit the Ohra dam and reservoir in the afternoon.

**Language**: English

**Agenda**

10:00 - 10:30:

* Arrival and coffee

10:30 - 12:30:

* Presentation of the project team and project goals
* Discussion of specific needs and wishes of stakeholders

12:30 - 13:15:

* Lunch break

13:30 - 15:30:

* Visit to dam and reservoir

16:00:

* Project partners travel back to Leipzig

**Background**

The EU-project MEWS (Managing Extremes and Events in Water Supplies) aims to help water supplies adapt to future extreme events under the influence of climate change. Extreme hydroclimatic events, which are increasing in frequency due to climate change, threaten surface water supplies due to a higher risk of toxic cyanobacterial blooms and inputs of dissolved organic carbon (DOC). Tools are required to assess the vulnerability of drinking water reservoirs and to develop mitigation strategies to extreme events. In the MEWs project, a new open-source computer model will be developed to simulate the transport and transformation of material in lakes and reservoirs.

The project group consists of partners from Sweden, Denmark, Israel, France/Canada, and Germany. We are working together with water supplies in Germany (Thueringer Fernwasserversorgung), Israel (Mekorot, Israeli Water Authority), and Sweden (Stokholm Vatten, Norrvatten) to simulate water quality under future climate change in the Ohra Reservoir (DE), Lake Maelaren (SE), and Lake Kinneret (IL). We want to work closely with stakeholders to tailor our work to their specific needs an increase the impact and usefulness of our results.

**Contact**

Tom Shatwell, Helmholtz-Zentrum fuer Umweltforschung - UFZ (tom.shatwell@ufz.de, +49 179 766 4858)

Don Pierson (project coordinator), Uppsala University (don.pierson@ebc.uu.se)