

# **CANCELLED due to illness: Lab tour "The phytotechnicum as a platform for research on bioremediation with constructed wetlands"**

*Thursday 2 November 2023 09:30 (2 hours)*

During the tour, the Phytotechnicum at the UFZ will be presented. The Phytotechnicum is a greenhouse as research infrastructure with model systems for wetland research. The main structure is a bioreactor specifically designed for wetland research, providing standardized flow and thus a standardized experimental and sampling platform under environmental control. Due to the small size of the systems, active experiments with changing loading or inflow conditions are possible, in contrast to constructed wetlands in active use for waste water treatment, where normally only passive experiments are possible. More complex experimental systems are located in the second chamber of the Phytotechnicum, where the systems operate under more realistic conditions.

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**Session Classification:** Breakout Session