



UFZ-Seminar



Research Unit

Water Resources and Environment



8 November 2021, 3 p.m.

Hybrid seminar

UFZ – Magdeburg/ Saal (under 2G-conditions; limited number of participants)

in case you want to participate in presence, please register by sending an email to christiane.katterfeld@ufz.de in advance.

Virtual Attendance:

[Link will be provided later]

Mark McCarthy

Wright University, Ohio, USA

will give a talk on:

Wind of Change: rethinking paradigms about nutrients and cyanobacteria in aquatic systems

The P-paradigm has persisted for decades in lake sciences, but there is renewed attention on the role of N in driving contemporary, non-N-fixing, toxin producing cyanobacterial blooms in lakes, rivers, and coastal areas. However, even this new appreciation of N may be misplaced, as focus is often on more abundant, but less reactive, oxidized N forms. Here, a case will be made that more focus should be placed on the cycling and turnover (i.e., internal N loading) of N forms that we cannot see, rather than the concentrations of those that we can see.

Google Scholar: <https://scholar.google.com/citations?hl=en&user=VB-XmQwAAAAJ>