



UFZ-Seminar



Research Unit

Water Resources and Environment



6 September 2021, 3 p.m.

Seminar Room 1, Brückstr. 3a, Magdeburg (online seminar)

Ben Kraemer

IGB Berlin

will give a talk on:

Global lake responses to warming—linking physical changes to ecological consequences

Climate change has caused widespread physical changes in lakes. For instance, lakes have warmed at the surface, become more stratified, and lost ice cover. But with so many links between temperature and the physical environment in lakes, it can be difficult to predict how lake ecosystems will respond to these interacting physical drivers at the global scale. Here I will focus on regional to global scale compilations of empirical observations to explore how lake ecosystems have changed in recent decades in response to climate change. The ecosystem changes I will explore are dissolved oxygen, thermal habitat, and chl-a (three key indicators of ecological dynamics).