

Dr. Alexandra Klemme

Research group:

Institute of Environmental Physics, Department of Remote Sensing

Position:

Postdoctoral Researcher

Research:

Investigation of the global carbon budget and its impact on climate change by utilization of satellite and in-situ data as well as atmospheric modelling.

Studied topics:

- Carbon emissions from inland waters
- Carbon dynamics in peat-draining rivers
- Response of tropical peat regions to anthropogenic impacts
- Carbon emissions from tropical wetlands
- Interactions between the hydrological cycle and the carbon cycle

Research Career:

2012 - 2017: Bachelor's & master's course in physics at the University of Bremen

October 2021: Ph.D. in physics at the University of Bremen (Topic: "Carbon emissions from tropical wetlands")

2018 – Current: Scientific Research at IUP, University of Bremen