CURRICILUM VITAE

Name Jonas Mauch
Birth date April 7, 1992
Nationality German

1 Education

2022	Master of Science, Environmental Science and Technologies, TU Berlin (Germany)
2019	Bachelor of Science, Environmental Science and Technologies, TU Berlin (Germany)

2 Professional experience

Since 09/2021	PhD student, Dept. of Community and Ecosystem Ecology, Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin (Germany)
08/2022 – 10/2022	Research visit at Netherlands Institute of Ecology (NIOO), Wageningen (Netherlands)
07/2019 – 09/2021	Student assistant, Dept. of Community and Ecosystem Ecology, Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin (Germany)
07/2017 – 06/2019	Student assistant, Dept. of Environmental Process Engineering, TU Berlin, Berlin (Germany)
11/2017 – 08/2018	Student assistant, Kompetenzzentrum Wasser Berlin, Berlin (Germany)

3 Publications

ORCID: https://orcid.org/0000-0003-1579-466X

Ted D. Harris, Kaitlin L. Reinl, Marzi Azarderakhsh, Stella A. Berger, Manuel Castro Berman, Mina Bizic, Ruchi Bhattacharya, Sarah H. Burnet, Jacob A. Cianci-Gaskill, Lisette N. de Senerpont Domis, Inge Elfferich, K. Ali Ger, Hans-Peter F. Grossart, Bas W. Ibelings, Danny Ionescu, Zohreh Mazaheri Kouhanestani, **Jonas Mauch**, Yvonne R. McElarney, Veronica Nava, Rebecca L. North, Igor Ogashawara, Ma. Cristina A. Paule-Mercado, Sara Soria-Píriz, Xinyu Sun, Jessica V. Trout-Haney, Gesa A. Weyhenmeyer, Kiyoko Yokota, Qing Zhan (2024): What makes a cyanobacterial bloom disappear? A review of the abiotic and biotic cyanobacterial bloom loss factors.
Harmful Algae. 102599. doi: 10.1016/j.hal.2024.102599.

Mauch J, Kronsbein AL, Putschew A, Lewandowski J and Hilt S (2023): Periphyton in urban freshwater facilitates transformation of trace organic compounds: A case study on iodinated contrast media. *Front. Environ. Sci.* 11:1142591. doi: 10.3389/fenvs.2023.1142591

4 Conference contributions

Presentations:

SIL	Blooms like it hot, but mussels don't: Influence of invasive quagga mussels on cyanobacteria during summer, 2024
SIL	Spit it out!? – Influence of invasive quagga mussels on cyanobacteria blooms during heat waves, 2022

Poster:

GLEON	Spit it out!? – Influence of invasive quagga mussels on cyanobacteria blooms during heat waves, 2023
NAEM	Spit it out!? – Influence of invasive quagga mussels on cyanobacteria blooms during heat waves, 2022

5 Member of scientific societies

ASLO	Association for the Sciences of Limnology and Oceanography
GLEON	Global lake ecological observatory network
SIL	International Society of Limnology

6 Supervision of master students

Maider Erize Gardoki	Influence of heat waves on the selective feeding behavior of quagga mussels on cyanobacteria in Lake Müggelsee, Radboud University (Netherlands) ,2022

7 Supervision of bachelor students

Zeno Mayr	HU Berlin (Germany), in prep. for 2024
Raphael Neiling	Effects of extreme warming events on quagga mussel - cyanobacteria interactions, HU Berlin (Germany), 2022

8 Supervision of practical periods and internships

Anna Schlegel	Universität Göttingen, 2023

9 Further skills

English fluently spoken and written, French passive knowledge

Boat license (inland waters + marine)