

CURRICILUM VITAE

Name Jonas Mauch
Birth date April 7, 1992
Nationality German

1 Education

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

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>

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 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
SIL	International Society of Limnology
GLEON	Global lake ecological observatory network

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
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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
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9 Further skills

English fluently spoken and written, French passive knowledge

Boat license (inland waters + marine)