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Education and career:

01/2021 Foundation Zubrod Environmental Data Science
05/2020 – 12/2020 Continuing education in programing and data analysis;
certification as data scientist
2015 – 04/2020 Researcher at the Institute for Environmental Sciences of
the University of Koblenz-Landau (working group
“Ecotoxicology & Environment”)
2011 – 2016 PhD student at the Institute for Environmental Sciences of
the University of Koblenz-Landau (thesis title: “Impact of
fungicides on an aquatic decomposer-detritivore system“;
funded by the Deutsche Bundesstiftung Umwelt; grade 1.0)
2011 M.Sc. Ecotoxicology (thesis title: “Ecotoxicological impact
of the fungicide tebuconazole on an aquatic decomposer-
detritivore system”; grade 1.2)
2010 B.Sc. Environmental Sciences (thesis title: “Effects of
subchronic fungicide exposure on the energy processing of
Gammarus fossarum (Crustacea; Amphipoda)“; grade 1.5)
2005 – 2011 Studies in Environmental Sciences and Ecotoxicology at
the University of Koblenz-Landau

Professional functions in previous activities:

- Team leader “Aquatic Stress Ecology” of the working group “Ecotoxicology & Environment”
- Leader research topic “Trophic Ecology” at the Eußerthal Ecosystem Research Station
- Leader Stable Isotope Lab at the University of Koblenz-Landau
- Lab manager of the working group “Ecotoxicology & Environment”
- Good Laboratory Practice Quality Assurance (GLP QA) Manager
- Lecturer (Stress & Disturbance Ecology, Study design & univariate statistics, Toxicology Lab Course, Quantitative, Experimental Ecology, Assessment and Monitoring of Effects)
- Course advisor (M.Sc. Ecotoxicology)
- Founder and operator of a scientific blog (EcotoxBlog; <http://uni-ko-ld.de/9a>)
- Expert in crop protection (German Plant Protection Act §9)

Further functions:

- Since 2016: Board member of the SETAC German Language Branch (GLB); 2018-2019 president; 2019 head of the local organizing committee for the annual meeting in Landau
- Since 2014: Editorial board member of the Journal Bulletin of Environmental Contamination and Toxicology

Publications:

- More than 50 articles in peer-reviewed journals (H-Index 21; <https://scholar.google.de/citations?user=ftc3CpkAAAAJ&hl=de&oi=ao>)
- Numerous oral and poster presentations at national and international scientific congresses
- Complete publication list on request

Languages:

- German (native)
- English (business fluent)

Software and programming skills:

- Python (expert)
- R (expert)
- SQL (expert)
- Microsoft Office (expert)
- JavaScript (basics)
- HTML (basics)
- CSS (basics)
- Redis (basics)