

Dr. rer. nat. habil. Jörg Schaller



Position: Head of WG Silicon Biogeochemistry

Academic education and scientific degrees

2015 – 2019	Habilitation in Biogeochemistry at University of Bayreuth, Environmental Geochemistry "Silicon in Biogeochemistry"
2008 – 2011	Ph.D. at Technische Universität Dresden, Institute of General Ecology and Environmental Protection, Supervisor Prof. Dr. Dudel, degree: Dr. rer. nat.
2005 – 2007	Study programme of Environmental Protection at Technische Universität Dresden - degree: Dipl. Ing. Environmental Protection
1998 – 2002	Study programme Forestry at University of Applied Science Hildesheim/Göttingen - degree: Dipl. Ing. FH (graduate engineer) Forestry

Professional experience

Since 04/2022	Head of ZALF working group Silicon Biogeochemistry
Since 2020	Leibniz Centre for Agricultural Landscape Research, Müncheberg
2019 – 2020	Assistant Professor from April 2015 until January 2020 "Assistant Professor / Akademischer Rat auf Zeit" at University of Bayreuth, Environmental Geochemistry

Research Profile

Background

- Soil biogeochemistry analysis
- Exploring biodiversity effects on Si turnover and plant nutrition
- Importance of amorphous silica for soil water relations

Research Activities

- Effect of silicon species on nutrient and water availability and ecosystem performance
- Analysing the importance of biodiversity on Si turnover and plant nutrition

Functions and memberships

Since 2021	Research commission ZALF
Since 2021	Editorial Board MDPI Plants
Since 2019	German Soil Society (DBG) and European Geoscience Union
Since 2018	Editorial board Frontiers in Forests and Global Change

Other

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