

Dr. Jörg Schaller is leader of the “Silicon Biogeochemistry” group at the Leibniz Centre for Agricultural Landscape Research (ZALF) and adjunct Professor for Biogeochemistry at the University of Giessen (both Germany). Dr. Schaller obtained his first diploma on forestry at the University of Applied Sciences in Göttingen (Germany) in 2002, his second diploma on environmental protection at Technical University Dresden (Germany) in 2007 and his PhD on the importance of invertebrates for the fate of uranium and arsenic in freshwater systems at Technical University Dresden (Germany) in 2011. He won the Schwoerbel-Benndorf award from the German Limnological Society for his PhD work. After his PhD, he moved to Bayreuth University (Germany), changed his research field to silicon and obtained a habilitation on silicon biogeochemistry in 2019. After his habilitation he moved to ZALF.

His research is mainly related to silicon biogeochemistry with a focus on the effect of Si on soil chemistry and physics in terms of soil health as well as sustainable and resilient crop production. He published over 100 peer-reviewed articles in internationally recognized journals with a majority on silicon. His current H-index according to Web of Science is 30.