

CV - Florian Walder, PhD

PERSONAL INFORMATION

Name Florian Walder (OrCID: 0000-0001-7731-7469)
Email florian.walder@agroscope.admin.ch
Date of birth 29th of November 1981
Nationality Swiss
Family status in a relationship, two children (2015 and 2018)

EMPLOYMENT HISTORY

Since 01.2022 Leader Research Group Soil Quality/Soil Use, Agroscope, Zürich

05.2019 – 12.2021 Team Leader *Rhizosphere Ecology*, Research Group *Plant-Soil-Interactions*, Agroscope, Zürich

08.2017 – 04.2019 Program Lead Specialty Crops, Research Group *Fungicide Resistance*, Syngenta Crop Protection, Stein

01.2016 – 07.2017 Postdoctoral fellow, Research Groups *Plant-Soil-Interactions*, *Soil Quality/Soil Use*, *Water Protection and Substance Flows*, Agroscope, Zürich

02.2014 – 12.2015 Postdoctoral fellow, Research Group *Plant-Soil-Interactions*, Agroscope, Zürich

09.2013 – 01.2014 Research associate (100 %), *Department of Soil Science*, Research Institute of Organic Agriculture (FiBL), Frick

03.2013 – 09.2013 Preparation of a grant application under the Indo-Swiss Cooperation in Biotechnology (SDC) for a postdoctoral position in the Research Group *Plant-Soil-Interactions*, Agroscope, Zürich

07.2012 - 09.2012 Postdoctoral fellow, Research Group *Ecology of arbuscular mycorrhiza*, Botanical Institute, University of Basel

04.2008 - 06.2012 Assistant (during the PhD), Botanical Institute, University of Basel

06.2007 - 02.2008 Postgraduate research associate, Research Group *Fungicide Resistance*, Syngenta Crop Protection, Stein

EDUCATION

04.2008 - 06.2012 PhD, Botanical Institute, University of Basel (Date of defence: 29.06.2012)
Title: "Trade of carbon and soil nutrients between plants and fungi within the common arbuscular mycorrhizal network" supervised by Prof. Dr. A. Wiemken and Prof. Dr. T. Boller

10.2005 - 04.2007 Master of Science in Plant Science, University of Basel

10.2002 - 06.2005 Bachelor of Science in Biology, University of Basel

INSTITUTIONAL RESPONSIBILITIES

- Leading different research projects: *impact of pesticides on soil life and soil fertility; role of the microbiome for nutrient use efficiency; role of AMF in ecosystem resistance*
- Co-organiser of the Research Symposium of the Department Agroecology and Environment

TEACHING ACTIVITIES

Since 2018	Guest lecture in the course Soil Biology (701-0524-00L) by Dr. H. Frey, Dr. O. Daniel, ETH Zürich
2007-2017 (intermittent)	Teaching assistance, University of Basel Block courses (practicum): Plant biology (Prof. Dr. T. Boller) and Phytopathology (PD Dr. H. Sierotzki)

MEMBERSHIPS IN PANEL, BOARDS, SCIENTIFIC REVIEWING ACTIVITIES

- Scientific steering committee member of the global initiative of crop microbiome and sustainable agriculture (www.globalsustainableagriculture.org)
- Editorial Board Member of the European Journal of Soil Biology
- Reviewer for: *New Phytologist*, *Science of Total Environment*, *Geoderma*, and others

ACTIVE MEMBERSHIPS IN SCIENTIFIC SOCIETIES, FELLOWSHIPS IN RENOWNED ACADEMIES

- Member of *Fachgruppe Vollzug Bodenbiologie* (VBbio)

ORGANISATION OF CONFERENCES

- Co-organiser of a session entitled “Soil biodiversity for global welfare” for the World Biodiversity Forum 2022
- Co-organiser of a session entitled “Soil ecological engineering and management of soil biology. A contribution to achieving zero hunger?” for EuroSoil 2020 (postponed to 2021)