

PD Dr. Ruth H. Ellerbrock

Position: Senior Scientist at WG Hydropedology (until 12/2022)
Senior Scientist at WG Silicon Biogeochemistry (from 01/2023)
Privat Dozent, Technical University of Berlin



Academic education and scientific degrees

Since 2016	Venia Legendi (TU-Berlin)
2008 – 2012	Teaching Thesis (TU-Berlin)
1987 – 1990	PhD Thesis, Chemistry (University of Essen)
1986 – 1987	Diploma Thesis (University of Essen)
1981 – 1986	Studying Chemistry (University of Essen)

Professional experience

Since 2017	Scientific staff at WG Hydropedology at ZALF
Since 2016	Teaching at Technical University of Berlin (TU): <i>Measurement techniques in Soil Science plus Soil Chemical Practicum.</i>
2006 – 2017	Teaching at Technical University of Berlin (TU): <i>Applied Spectroscopy in Soil Science and Environmental Analysis</i>
1992 – 2017	Scientific staff, Institute of Soil Landscape Research, ZALF
1991 – 1992	Scientist, Permission of Chemicals, Pharmaceutical Company
1987 – 1991	Scientific assistance (University of Essen)

Research Profile

Background

- Chemist – organic chemistry
- Soil chemistry - soil organic matter
- Spectroscopy with focus in FTIR

Research Activities

- Soil organic matter properties
- Measurement techniques in soil sciences
- Extraction techniques

Functions and memberships

2016 –2019	Member Editorial Board of Geoderma
Since 2001	Member Soil Science Society of America (SSSA)
Since 1993	Member Deutsche Bodenkundliche Gesellschaft (DBG)
Since 1986	Member Gesellschaft Deutscher Chemiker (GdCh)