

### Prof. Dr. Michael Sommer

**Position:** Co-Head of Research Area 1  
Head of WG Landscape Pedology,  
Professor of Geoecology, University of Potsdam



### Academic education and scientific degrees

01/1998 – 02/2002 PD Dr. habil., Soil Science, University of Hohenheim  
01/1987 – 05/1992 Dr. sc. agr., Agricultural Science, University of Hohenheim  
10/1980 – 04/1985 Agrarbiologie, Diplom, University of Hohenheim

### Professional experience

Since 2018 Co-Head of Research Area 1 “Landscape Functioning”, Head of working groups “Si Biogeochemistry” (until 04/2022) and “Landscape Pedology”  
2013 – 2016 Deputy director of ZALF  
2007 – 2010 Deputy director of ZALF  
2004 – 2017 Head of the “Institute of Soil Landscape Research” at ZALF  
Since 02/2004 Professor of Geoecology at University of Potsdam  
1999 – 2004 Research group leader on Digital Soil Mapping in the Research Network Agroecosystems Munich (FAM), GSF Munich

### Research Profile

#### Background

- Pedology, soil landscape evolution
- Silicon biogeochemistry
- Interdisciplinarity across scales

#### Research Activities

- Soil erosion (tillage) & biogeochemical feedbacks
- Soil sensing (multi-sensor approach)
- Innovative tillage systems

### Functions and memberships

#### Memberships

Deutsche Bodenkundliche Gesellschaft (DBG), Soil Science Society of America (SSSA), American Geophysical Union (AGU), European Geosciences Union (EGU), Deutsche Gesellschaft für Geowissenschaften (DGG), Deutsche Quartärvereinigung (DEUQUA), Bundesverband Boden (BVB)

### Other

ORCID: <https://orcid.org/0000-0003-3673-6063>

*h*-index = 40, total no. of publications (JIF) = 152, highly cited papers = 2, total citations = 4200, (Web of Science, Core Collection, 12/2022)