

### Prof. Dr. Gunnar Lischeid

**Position:** Co-Head of Research Platform Data Analysis and Simulation  
Head of WG Data Dimensionality  
Professor of Landscape Hydrology, University of Potsdam



### Academic education and scientific degrees

02/2004                      Habilitation, University of Bayreuth, 2004  
06/1990 – 07/1993        Doctorate, Forestry Science, University of Göttingen, 1995  
09/1983 – 07/1989        Studies of agronomy and geology, University of Bonn and University of Göttingen; Diploma in Agronomy, University of Göttingen

### Professional experience

Since 01/2018              Co-Head of the Research Platform Data / Data Analysis and Simulation, ZALF  
12/2015 – 09/2015        Acting head of the Institute of Landscape Biogeochemistry, ZALF  
05/2013 – 12/2014        Acting head of the Institute of Landscape System Analysis, ZALF  
06/2010 – 03/2013        Member of the Board of Directors, ZALF  
05/2008 – 12/2017        Head of the Institute of Landscape Hydrology, ZALF  
Since 05/2008              Professor for Landscape Hydrology, University of Potsdam  
03/2004 – 03/2008        Associate Professor, Chair for Ecological Modelling, University of Bayreuth  
09/1993 – 03/2004        Research associate at the Department of Hydrogeology, BITÖK, University of Bayreuth

### Research Profile

#### Background

- Agronomy
- Geology
- Hydrology

#### Research Activities

- Complex system analysis at the interface of hydrological, biogeochemical, biological and anthropogenic processes
- Merging dimensionality reduction, machine learning, time series analysis and dynamic system theory approaches
- Contributions to environmental system research theory

### Functions and memberships

- Speaker of the scientific council of the pearls foundation (Potsdam)
- Member of the working group on Plant Protection and Water Body Protection within the National Action Plan on Sustainable Use of Plant Protection Products
- Member of the Spreewald Biosphere Reserve scientific advisory board
- Member of American Geophysical Union (AGU); Deutsche Bodenkundliche Gesellschaft (DBG); Deutsche Hydrologische Gesellschaft

(DHG); European Geosciences Union (EGU); Deutsche Vereinigung für Wasserwirtschaft, Abwasser und Abfall e.V. (DWA); Fachsektion Hydrogeologie e.V. in der Deutschen Geologischen Gesellschaft (FH-DGG); Long Term Ecological Research Germany (LTER- D); Water Science Alliance e.V

## Other

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