

Prof. Dr. Peter Wycisk

Martin Luther University

Institute for Geosciences

Dept. Hydro- and Environmental Geology

Von-Seckendorff-Platz 3

D-06120 Halle (Saale), Germany

Office: +49 (0) 345 55 26 134

Fax: +49 (0) 345 55 27 177

Email: [peter.wycisk\(at\)geo.uni-halle.de](mailto:peter.wycisk(at)geo.uni-halle.de)



Recent Professional Positions

- **Professor** of Hydrogeology and Environmental Geology
- **Dean**, Faculty of Natural Sciences III
- **Acting Director**, University Center of Environmental Sciences UZU

Education

- **Habilitation:** 1994, Technical University Berlin, Faculty of Civil Engineering. "Basin Analysis of the Nubian Sandstone, South Egypt / Northern Sudan"
- **Doctor Natural Sciences:** 1984, Free University Berlin, Faculty of Geosciences
- **Diploma Geology:** 1979, University of Frankfurt am Main. Faculty of Geosciences.

Academic Work and Experience

- **Professor of Hydro- and Environmental Geology**, Institute of Geosciences, 1995 to present.
- **Dean**, Faculty of Natural Sciences III Founding Dean of the Faculty of Agriculture, Geosciences, Mathematics, and Computer Science, **2006 to present**,
- **Acting Director**, University Center of Environmental Sciences, UZU, Martin Luther University, **1996 to present**. Promoting and leading national and international interdisciplinary research projects in the field of Sustainable Resources Management.
- **Senior Research Assistant:** Technical University Berlin, 1984 – 1994, Member of the joint Research Project "SFB 69", "Arid Areas". Egypt / Sudan.

Scientific and Professional Activities

- **Member of the Research Peer Review Board of BMBF** for international Projects (Federal Ministry of Research and Education, Germany) (2000 – present)
- **Member of Strategic development Group BMBF** "Environmental Technologies and Internationalisation" (2008 – 2010).

Research Fields

- **3d Modeling** in geology / hydrogeology, and environmental geology of different scales.
- **Risk and impact assessment** of groundwater related aspects, vulnerability mapping and GIS-based water management. Environmental geology mapping and 3d-modeling in urban, rural and coastal areas, salt water intrusion, strategic planning and sustainable development.
- **Environmental risk assessment** of long-term behavior of organic and inorganic contaminants in ground water of rural and urban areas, industrial sites and mining areas. Groundwater flow and transport modeling.
- **Groundwater recharge, groundwater assessment and modeling** of heterogeneous aquifers of different scales. Nubian Aquifer System – Western Desert, Egypt, regional studies inside Germany, regional studies in Emirates UAE and South Africa.
- **Influence of climate change** and interaction of global and local independencies and related groundwater management, IWRM.