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Graduation / Appointments

1968 **Diploma** (Civil Engineering, Hydro Engineering / Water Management), *TU Dresden*
1973 **Dissertation** (Dr.-Ing., Geohydraulics), *Dresden University of Technology (TU Dresden)*
1984 **Dissertation B** (Dr. sc. techn., Water Management), *TU Dresden*
1986 **Corresponding Member**, *Academy of Agricultural Sciences (AdL) of the GDR*
1990 **Professor**, *Academy of Agricultural Sciences (AdL) of the GDR*
1990 **Habilitation** (Dr.-Ing. habil., legitimation of Promotion B + Facultas Docendi) *TU Dresden*
2003 **Professor**, *Humboldt University at Berlin*, Faculty of Agriculture and Horticulture

Professional Experience

Water Management Authority Baltic Sea Watershed, Stralsund (*Research Engineer, Collaborator*)
1968 – 1969 **Joint Research Group Groundwater** (TU Dresden & IfW Berlin): seepage through and underseepage of dams and levees, electric-analog und digital modelling

Dresden University of Technology, Department of Water Sciences (*PhD Student*)
1969 – 1971 **JRG Groundwater** (TU Dresden & IfW): regional groundwater flow problems, geohydraulic modelling (a.o. drainage water flow into the Oderbruch polder)

Institute for Water Management (IfW) Berlin (*Research Scientist, Collaborator*)
1971 – 1975 **JRG Groundwater** (TUD & IfW): analog and digital computation of vertically plane groundwater flows (levees, drainage fields), groundwater control Oderbruch polder

Research Centre for Soil Fertility (FZB) Müncheberg, AdL of the GDR (*Head of Department*)
1975 – 1983 **Division Hydromelioration**: establishment & profiling of Basics department; working groups soil hydrology, geohydrology, hydroengineering, hydrobiology, hydrochemistry

FZB Müncheberg, Division Hydromelioration (*Director*)
1983 – 1991 **Departments**: basics, drainage, sprinkling irrigation, materials & equipment, hydroexperiment laboritory; layout, design and operation of soilwater regulation systems

Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Institute for Landscape Hydrology (*Head of Institute*)
1992 – 2008 **Working Groups**: hydrology / water management, small streams & ponds / wetlands, geohydrology
Research Projects: ecology of fens, fish bypass plants, ecology of Elbe catchment, outflow of nutrients, potholes, water protection, flood risks of agricultural land use

ASWEX (formerly IAMARIS e.V.) – Association of Senior Water Experts (*Chairman*)
2009 – flood risk management, groundwater storage for irrigation

Membership Positions, Teaching, Reviewer Activities

1986 – 1990 *Chairman*, Soil Science Society of the GDR
2000 – 2010 *Secretary*, German National Committee (GECID) of the International Commission on Irrigation and Drainage (ICID); participation in the Executive Council
1990 – 2010 Lectures at TU Berlin, TU Dresden, Potsdam University, HU Berlin, Ernst-Moritz-Arndt University Greifswald, College for Sustainability Eberswalde
1990 – Evaluator for EU, DFG, BMBF, UBA, DBU, VW Foundation
Expert for the Environmental Commission of the German Parliament (Dt. Bundestag)
Advisor for both Governmental Departments and the German Farmer's Association
Member of *Editorial* boards of several scientific journals

(State of December 30, 2013)