

Bruno MERZ
Short Curriculum Vitae

Name Bruno Merz
Date, location of birth 23 December 1961, Au am Rhein, Germany
Nationality German
Family status married, 3 children

EDUCATION

10/1982 – 10/1988 Civil Engineering (specialisation in water resources management), University Karlsruhe, Germany
06/1996 Doctoral degree in Civil Engineering, University Karlsruhe, Germany; Thesis: Modelling the rainfall runoff process in small catchments under consideration of natural variability
02/1997 Ehrensator-Huber Award of the University Karlsruhe, Germany for the doctoral thesis
10/2005 Habilitation, thesis: Flood risk analysis: Methods, limits and possibilities

MILITARY SERVICE

07/1981 – 09/1982 in Pinneberg and Karlsruhe, Germany

OCCUPATIONAL CAREER

10/1988 – 03/1990 Research scholarship, Chair of River Engineering, University Kyoto, Japan
04/1990 – 03/1997 Institute for Hydrology and Water Resources Planning, University Karlsruhe, Germany
- Research activities: Simulation of hydrological and hydraulic processes
- Consulting activities: flood prevention, groundwater protection, water resources management
10/1996 – 03/2000 Secretary of the Scientific Advisory Board, German IDNDR-Committee for Disaster Reduction
04/1997 – today GeoForschungsZentrum Potsdam, Germany; Research activities: Risk analysis for geo-risks, monitoring and simulation of hydrological processes, disaster management
04/1990 – today Teaching activities (hydrology, statistics, water resources management) at the Universities Karlsruhe, Potsdam, Cottbus, Stuttgart
01/2000 – today Member of Scientific Advisory Board, German Committee Disaster Mitigation
01/2000 – 12/2003 Head of German Research Network Natural Disasters
07/2002 – today Head of Section 5.4 Engineering Hydrology, GeoForschungsZentrum Potsdam
05/2004 – today Speaker of R&D-Topic Disaster Management of the Helmholtz Research Network Integrated Earth Observing System
03/2005 – today Head of Section Flood Mitigation of German Association for Water, Wastewater and Waste
10/2006 Professor for Engineering Hydrology and Management of Georisks (joint professorship of University Potsdam and GeoForschungsZentrum Potsdam)
09/2007 – today Director Department 5 Geoengineering, GFZ Potsdam

RESEARCH FIELDS

Hydrological Modelling; Flood risk analysis