

Short CURRICULUM VITAE

Prof. Dr. habil. MARIO SCHIRMER



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Prof. Dr. habil. MARIO SCHIRMER

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 and Technology
 Department Water Resources and Drinking Water (W+T)
 Research Group Hydrogeology
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 Guggenbühlstrasse 15
 CH-8304 Wallisellen
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Education:

Habilitation	Applied Geology, University of Tübingen, Germany, 2002
Ph.D.	Earth Sciences, University of Waterloo, Canada, 1999
German Diplom (M.Sc.)	Geophysics, Technische Universität Bergakademie Freiberg, (Technical University Mining Academy Freiberg), Germany, 1991

Research and Work Experience:

Head Research Group Hydrogeology since March 2008
 Eawag - Swiss Federal Institute of Aquatic Science and Technology, Department Water
 Resources and Drinking Water (W+T), Switzerland

Associate Professor since August 2008
 University of Neuchâtel, Faculty of Sciences, Centre for Hydrogeology, Switzerland

Univ.-Prof. for Hydrogeology and Modelling, December 2004 – February 2008
 Martin-Luther-University Halle-Wittenberg, Institute for Geological Sciences, Germany

Head of Department of Hydrogeology, July 2002 – February 2008
 Helmholtz Centre for Environmental Research - UFZ, Leipzig and Halle / Saale,
 Department of Hydrogeology, Germany

Interim Head of Department of Hydrogeology, January 2002 – June 2002
 UFZ Centre for Environmental Research Leipzig-Halle, Halle / Saale, Department of
 Hydrogeology, Germany

Postdoctoral Research Associate, July 1999 – December 2001
 UFZ Centre for Environmental Research Leipzig-Halle, Leipzig, Dept. Industrial and
 Mining Landscapes, Germany

Scientist, December 1998 – June 1999
 University of Waterloo, Department of Earth Sciences, Canada

Ph.D. candidate, September 1993 – November 1998

University of Waterloo, Department of Earth Sciences, Canada

Thesis: Investigation of multiscale biodegradation processes: A modelling approach

Scientist, March 1991 - June 1993

Institute for Hydraulic Engineering, University of Stuttgart, Germany

Teaching Experience:

Lecture at the University of Neuchâtel "Urban Hydrogeology" (since Fall Semester 2016)

Course at the ETH Zurich "Transdisciplinary Case Study - River Management of the Thur Catchment", Lectures on societal and ecological issues of river restoration as well as groundwater – surface water interactions (Spring Semester 2012)

Lecture at the ETH Zurich "Water Resources and Drinking Water", Lectures on groundwater and contaminants (since Fall Semester 2009)

Lecture at the University of Neuchâtel "Characterization of Contaminated Sites" (since Spring Semester 2009)

Lecture and Practical Training at the University of Neuchâtel "Field school - Hydrogeological Investigation Techniques" (since 2009)

Lecture at the Martin-Luther-University Halle-Wittenberg "Representative Groundwater Sampling Technologies" (2005 - 2008)

Lecture at the Martin-Luther-University Halle-Wittenberg "Hydrogeological Modelling: Part Transport Modelling" (2005 - 2008)

Lecturer at the University of Tübingen within the M.Sc. Program "Applied Environmental Geoscience", Course "Hydrogeological Investigation Techniques" (2002 - 2010).

Co-ordinator and instructor, University of Waterloo, Dept. of Earth Sciences

Graduate Level: Field Methods in Hydrogeology

Lectures on: Hydraulic aquifer parameter evaluation (pumping tests / slug tests)

Groundwater monitoring and sampling equipment

Major conferences organized as conference chair:

River Corridor Restoration Conference 2011 (RCRC11): Towards a mechanistic understanding of coupled hydrological and ecological processes in near-river corridors, March 13–18, 2011, Centro Stefano Franscini, Monte Verità, Ascona, Switzerland (about 75 participants).

Groundwater Quality Conference 2010 (GQ10): Groundwater quality management in a rapidly changing world, June 13 - 18, 2010, Zurich, Switzerland (about 220 participants).

Board Memberships:

- 2018-today Member of the Swiss Hydrological Commission (CHy), Geosciences Platform of the Swiss Academy of Sciences
- 2010-15 Scientific Advisory Board German Centre for Groundwater Research, Dresden, Germany
- 2010-14 Advisory Board Section Hydrogeology within the German Association of Geosciences

Awards and Scholarships:

- 2007 Stimulus Award for Technology Transfer (UFZ) (Ceramic Toximeter Passive Sampler)
- 1999 Dresden Groundwater Research Prize
- 1998 University of Waterloo Graduate Scholarship
- 1997 University of Waterloo Graduate Scholarship
- 1996-97 University of Waterloo International Graduate Student Scholarship
- 1996 Davis Memorial Scholarship in Ecology
- 1995-96 Government of Canada Award
- 1993-95 Scholarship of the Gottlieb-Daimler- and Carl-Benz-Foundation, Germany
- 1993 Government of Baden-Württemberg Travel Award, Germany
- 1993 Dresden Centre for Groundwater Research Scholarship, Germany

Professional Memberships:

Section Hydrogeology in the German Geological Society
 National Ground Water Association
 Swiss Society of Hydrogeology
 International Association of Hydrogeology
 International Commission on Water Quality (ICWQ) of the International Association of Hydrological Sciences (IAHS)

Editorship:

- 2006 - 2009 Editor of the Journal "Grundwasser"
- 2003 - 2005 Associate Editor of the Journal "Grundwasser"