
MARKUS FLURY

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Education

- 1993 **Swiss Federal Institute of Technology Zürich (ETH)**, Ph.D. in Natural and Environmental Sciences.
- 1988 **University of Zürich**, Switzerland, M.S. in Physical Geography.

Employment and Experiences

- 2006–present **Professor of Soil Physics/Vadose Zone Hydrology**, Department of Crop and Soil Sciences, Department of Biological Systems Engineering, Washington State University (WSU), Pullman, WA.
- 2005/2006 **Visiting Professor (Sabbatical)**: Institute of Soil Science, Chinese Academy of Science, Nanjing; Swiss Federal Institute of Technology Zürich (ETH).
- 1997–2006 **Assistant and Associate Professor of Soil Physics**, Department of Crop and Soil Sciences, Washington State University (WSU), Pullman, WA.
- 1994–1996 **Post-Doctoral Research Associate**, University of California, Riverside, CA.

Awards and Honors

- 2006 Keynote Talk at Gordon Conference “Flow and Transport in Permeable Media”.
- 2005 Editor’s Citation for Excellence in Manuscript Review for Vadose Zone Journal.
- 2003 WSU, College of Agriculture Team Excellence Award.
- 2001 WSU, College of Agriculture Excellence in Research Award.
- 1994 Best poster award at the Annual German Soil Science Society meeting, Kiel.
- 1993 ETH Medal for outstanding dissertation.

Selected Activities

- 2004–2008 Scientific Advisory Board, Institute of Chemistry and Dynamics of the Geosphere, Research Center Jülich, Germany.
- 2006, 2008 Proposal Review Panelist, German Research Foundation (DFG).
- 2004–2007 Associate Editor, Journal of Environmental Quality.
- 2001–2004 Associate Editor, Vadose Zone Journal.
- 2003, 2004 Proposal Review Panelist, USDA-National Research Initiative.
- 2003 Advisory Panel, US Department of Energy, Remediation Challenges and Research Opportunities at the Savannah River Site, US Department of Energy.
- 2001 Member, US Department of Energy National Vadose Zone Roadmap.
- 1999–2000 Secretary (1999) and Chair (2000), Regional Research Project W-188, “Improved Characterization and Quantification of Flow and Transport in Soils”.

Research Interests

My principal research interest is in the area of flow and transport in porous media, particularly in the vadose zone. Specific areas include: (1) Characterization of water flow and solute transport in the vadose zone, (2) colloid and colloid-facilitated contaminant transport through the vadose zone, (3) soil physical instrumentation and their applications, (4) sustainable use of soil resources.