

Markus Flury

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Education

- 1993 Swiss Federal Institute of Zurich (ETH), Ph.D. in Natural and Environmental Sciences
- 1988 University of Zurich, Switzerland, M.S. in Geosciences

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.

Recent Wind Erosion/Air Quality Related Publications

- Al-Mulla, Y., J. Q. Wu, P. Singh, M. Flury, W. F. Schillinger, D. R. Huggins, and C. O. Stockle. 2009. Soil water and temperature in chemical versus reduced-tillage fallow in a Mediterranean climate. *Appl. Eng. Agric.*, 25:45–54.
- Bittelli, M., and M. Flury. 2009. Errors in water retention curves determined with pressure plates and their effect on soil hydraulic functions. *Soil Sci. Soc. Am. J.*, 73:1453–1460.
- Flury, M., J. B. Mathison, J. Q. Wu, W. F. Schillinger, and C. O. Stockle. 2009. Water vapor diffusion through wheat straw residues. *Soil Sci. Soc. Am. J.*, 73:37–45.
- Water Conservation Using Wheat Straw Residues, *CSA News*, 54(2), 4, 2009.

Technical Support Staff

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