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EDUCATION

Ph.D., Soil Physics, 2007, North Dakota State University, Fargo, ND
M.S., Soil Physics, 2003, North Dakota State University, Fargo, ND
B.S., Soil and Water Conservation, 1998, Beijing Forestry University, China

WORK EXPERIENCE

Assistant Biogeochemical Modeler, April 2012 – Present, Argonne National Laboratory
Postdoctoral Research Associate, January 2011 – March 2012, University of Alaska, Fairbanks
Research Associate, July 2007 – January 2011, University of Colorado, Boulder
Research Associate, March 2007 – July 2007, University of Arizona, Tucson
Graduate Research Assistant, June 2002 – March 2007, North Dakota State University
Research Associate, July 1998 – June 2002, Shijiazhuang Institute of Agricultural Modernization, Chinese Academy of Sciences

REFEREED PUBLICATIONS

- Z. Fan, A.D. McGuire, M.R. Turetsky, J.W. Harden, J.M. Waddington, and E.S. Kane. 2012. The response of soil organic carbon of a rich fen peatland in interior Alaska to projected climate change. *Global Change Biol.*, doi: 10.1111/gcb.12041, in press.
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transport of 17β -estradiol in undisturbed soil. *Water Resour. Res.*, 44, W08424, doi: 10.1029/2007WR006407.

Z. Fan, F.X.M. Casey, H. Hakk, and G.L. Larsen. 2007. Persistence and fate of 17β -estradiol and testosterone in agricultural soils. *Chemosphere*, 67:886-895.

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Z. Fan and F.X.M. Casey. 2007. Estimating solute transport parameters using stochastic ranking evolutionary strategy. *Vadose Zone J.*, 7:124-130.

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