

Dermont Bouchard, Physical Scientist, in EPA's National Exposure Research Laboratory

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Area of Expertise: From 2002 to 2006, I was the National Exposure Research Laboratory Assistant Lab Director for the Land Multi-year Plan. Since 2007, I have been a principal investigator on the Fate of Nanomaterials in the Environment task.

Select Publications:

Smith, C. N., D. L. Spidle, F. E. Stancil, P. D. Smith, B. E. Kitchens, H. P. Kollig, L. Smith, S. Senter, M. J. Cyterski, L. M. Prieto, D. C. Bouchard, K. Wolfe, M. Flexner, T. R. Cavinder, AND B. Johnson. A COMPREHENSIVE NONPOINT SOURCE FIELD STUDY FOR SEDIMENT, NUTRIENTS AND PATHOGENS IN THE SOUTH FORK BROAD RIVER WATERSHED IN NORTHEAST GEORGIA. Presented at Science Forum 2003, Washington, DC, May 5-7, 2003.

Smith, C N., F E. Stancil, D L. Spidle, P D. Smith, B E. Kitchens, H P. Kollig, L Smith, S Senter, M Cyterski, L M. Prieto, D C. Bouchard, K Wolfe, R S. Parmar, Y Mohamoud, M. Flexner, T. R. Cavinder, AND B. Johnson. A COMPREHENSIVE NONPOINT SOURCE FIELD STUDY FOR SEDIMENT, NUTRIENTS, AND PATHOGENS IN THE SOUTH FORK BROAD RIVER WATERSHED IN NORTHEAST GEORGIA. U.S. Environmental Protection Agency, Washington, D.C., EPA/600/R-04/026 (NTIS PB2005-101441), 2004.

Bouchard, D., W. Zhang, AND X. Chang. A Rapid Screen Technique for Estimating Nanoparticle Transport in Porous Media. WATER RESEARCH. Elsevier Science Ltd, New York, NY, 47(12):4086-4094, (2013).

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Education:

- Ph.D. Agronomy, University of Arkansas, 1983
- M.S. Agronomy, University of Arkansas, 1980
- B.S. Agronomy (Summa cum laude), Arizona State University, 1978

Professional Experience:

- Physical Scientist, USEPA, ORD, NERL-ERD, Athens, GA, 2006–present
- NERL Assistant Lab Director for the GPRA Goal 3 - Land Preservation and Restoration research programs for Hazardous Waste (RCRA, Superfund, Oil Spills, LUST), 2004–2006

- Acting NERL Assistant Lab Director for the GPRA Goal 3 - Land Preservation and Restoration research programs for Hazardous Waste (RCRA, Superfund, Oil Spills, LUST), 2002–2004
- Science Fellow, Department of State, August–October 2002
- Research Soil Scientist, USEPA, ORD, NERL-ERD, Athens, GA, 1996–2002
- Research Liaison between USEPA-ORD and USDA, Agricultural Research Service, Beltsville, MD, 1991–1992
- Regional Scientist, USEPA-ORD and Office of the Regional Administrator, Region VII, Kansas City, KS, 1989- 1991
- Research Chemist, Robert S. Kerr Environmental Research Laboratory, USEPA, 1985-1989
- Research Scientist, Geosciences Research and Engineering, Battelle Pacific Northwest Laboratories, 1984-1985