

**Michael C. Brooks, Environmental Engineer in EPA's National Risk Management Research Laboratory**

Groundwater, Watershed, and Ecosystem Restoration Division

[Mailing Address](#)

[Brooks.Michael@epa.gov](mailto:Brooks.Michael@epa.gov)

**Area of Expertise:** Characterization and remediation of organic contaminant source-zones in groundwater.

**Select Publications:**

**Brooks, M.C.**, A.L. Wood, J. Cho, C.A.P. Williams, W. Brandon, and M.D. Annable, Source Strength Functions from Long-Term Monitoring Data and Spatially Distributed Mass Discharge Measurements, Journal of Contaminant Hydrology, In Review.

Dougherty, J., T. Macbeth, B. McDonald, R. Truesdale, M.A. Newman, J. Cho, M. Annable, D. Cutt, K. Mishkin, **M.C. Brooks**, Comparative Evaluation of Contaminant Mass Flux and Groundwater Flux Measurements in Fractured Rock Using Passive Flux Meters, EPA Project Report, In Review.

**Brooks, M.C.**, K.Y. Cha, A.L. Wood, and M.D. Annable, [Screening-Level Estimates of Mass Discharge Uncertainty from Point Measurement Methods](#), Journal of Contaminant Hydrology, 177-178, 167-182, 2015.

Annable, M.D., **M.C. Brooks**, J.W. Jawitz, K. Hatfield, P.S.C. Rao, A.L. Wood, Flux-based Site Assessment and Management, In B.H. Kueper, H.F. Stroo, C.M. Vogel, and C.H. Ward, Chlorinated Solvent Source Zone Remediation, SERDP ESTCP Environmental Remediation Technology, Volume 7, pgs. 187-218, 2014.

Ford, R.G., **M.C. Brooks**, C.G. Enfield, and M Kravitz, [Evaluating potential exposures to ecological receptors due to transport of hydrophobic organic contaminants in subsurface systems](#), EPA/600/R-10/015, 2014.

Chen, X., **M. Brooks**, and A. Lynn Wood. [The Uncertainty of Mass Discharge Measurements Using Pumping Methods Under Simplified Conditions](#). Journal of Contaminant Hydrology. Elsevier Science Ltd, New York, NY, 156:16-26, 2014.

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**Education:**

- Ph.D., University of Florida, Gainesville, FL; Environmental Engineering, 2000
- M.S., Auburn University, Auburn, AL; Civil Engineering, 1995
- B.S., University of South Florida, Tampa, FL; Civil Engineering, 1988

**Professional Experience:**

- Environmental Engineer, 2009-Present
- EPA Post-Doctoral Associate, 2003-2008, Ada, Oklahoma

Workgroup and Projects

- PI on internally and externally-funded research projects.
- Scientific mentor to undergraduate students and post-doctoral associates.
- Peer reviewer for a variety of peer-reviewed journals.
- OSHA Hazardous Waste Site Operations 40-Hour Training
- Member, American Geophysical Union and Association of Ground Water Scientists and Engineers

Awards and Honors

- EPA Award for Outstanding Technical Assistance, 2009
- EPA Special Achievement Awards (for various activities), 2007, 2008
- EPA On-the-Spot and S-Awards (for various activities), 2004 – 2011
- GE Forgivable Loan recipient, 1997, 1998
- API/NGWA Scholarship Award, 1997
- Montgomery-Watson Graduate Fellowship Award, 1996
- Chi Epsilon, National Civil Engineering Honor Society, 1988
- University of South Florida Honors Student, 1984-1987