

Anne F. Choquette

Hydrologist, P.G.
U.S. Geological Survey
Florida Integrated Science Center-
Tallahassee, Florida
and
Tennessee Water Science Center
Nashville, Tennessee

Phone: 615.837-4774
FAX: 615.837-4799
Email: achoq@usgs.gov
Web: http://fisc.er.usgs.gov/Lake_Wales_Ridge/index.html



Profile

Anne Choquette [B.A.-Geology, University of N.C.-Chapel Hill, 1977; M.S.– Watershed Sciences, California State University-Humboldt, 1984] has worked in water-resources research, environmental geology, Quaternary studies, geomorphology, landscape rehabilitation, and minerals exploration with both private industry and the federal government. Since 1982, she has been with the U.S. Geological Survey conducting research in Utah, Colorado, Kentucky, and Florida. She served as Co-Chair of the Science Council-Center for Aquatic Resource Studies of the USGS Florida Integrated Science Center (2003) and on the planning committee for the 15th and 16th Annual Tennessee Water Resources Symposia (2004-2006). Her current research focuses on the occurrence, transport, and fate of nutrients, pesticides, and pesticide degradates in ground water and lakes, with field study in the central Florida citrus region. Research background and interests include application of statistical methods and systems analysis to contaminants in surface and ground-water systems, regional hydrologic synthesis, geomorphic processes, ground-water/surface-water interactions, and streamflow-frequency analysis. She is a registered Professional Geologist in Florida and in Tennessee.

Selected Publications

- Choquette, A.F.**, Moore, D.K., DeHaven, E.C., Haber, J.D., Turner, R.D., in review, Agricultural chemicals in ground water underlying citrus groves, central Florida: Spatial and Temporal Variability 1989-2003: Invited paper, Journal of the American Water Resources Association.
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- Choquette, A.F.,** 2004, *Agricultural chemicals in shallow ground water underlying citrus areas on Lake Wales Ridge, central Florida*: presented to the Florida Pesticide Review Council, University of Florida Institute of Food and Agricultural Sciences, Quarterly Meeting, Gainesville, Florida, July 2004.
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- Choquette, A.F.,** and Sepulveda, A.A., 2000, Design of a shallow ground-water network to monitor agricultural chemicals, Lake Wales Ridge, central Florida: U.S. Geological Survey Water-Resources Investigations Report 00-4134, 35 p.
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- Katz, B.G., and **Choquette, A.F.,** 1991, Aqueous geochemistry of the sand-and-gravel aquifer, northwest Florida: Journal of Ground Water, National Water Well Association, v. 29, no. 1, p. 47-55.
- Choquette, A.F.,** Katz, B.G., and Roaza, R.M., 1989, *Grid-based ground water sampling: lessons from an extensive network for 1,2-dibromoethane (EDB) in Florida*: International Assoc. of the Hydrologic Sciences (IAHS), 3rd Scientific Assembly, Proceedings, IAHS Publ. No. 182, p. 79-86.
- Choquette, A.F.,** 1988, Estimation of flood quantiles for natural-flow streams in Kentucky based on regionalization and regression: U.S. Geological Survey Water-Resources Investigations Report 87-4209, 105 p.
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