

## SUMMARY CURRICULUM VITAE

[David W. Hicks](#)

Scientist



Mr. Hicks' research interests include groundwater and surface-water interactions, groundwater recharge mechanisms in karst landscapes, wetland hydrology, effects of invasive trees on wetland hydroperiod, and effects of water use on the water resources of the Georgia Coastal Plain. His hydrology career has spanned over 43 years with the U.S. Geological Survey and most recently the Jones Center.

### Registration:

Professional Geologist in Georgia

### Education:

BS in Geology, Georgia State University, June 1978

### Professional Experience:

January 2002-present: Scientist, Joseph W. Jones Ecological Research Center

February 2000-January 2002: Senior Hydrogeologist, Paul B. Krebs & Associates, Inc.

September 1964-February 2000: Hydrologist, U.S. Geological Survey

### Professional Affiliations:

Georgia Groundwater Association

Georgia Association of Water Professionals

Audubon

The Nature Conservancy

Georgia Conservancy

### Professional Service:

Conference Program Organizer, Georgia Water Resources Conference, 2007, 2009  
Technical Advisor, Tired Creek Reservoir project, Georgia Conservancy, 2005-present  
Technical Advisor, Georgia Attorney General, Water Law Advisory Council, 2004-present  
Chairman, Southwest Georgia Water Resources Task Force 2003-present  
Chairman, Albany-Dougherty Greenspace Advisory Committee, 2007-present  
Program Chair, Georgia Water & Pollution Control Association, 1997-99  
President, Georgia Groundwater Association, 1993-96

### Recent Research Publications (Past 5 years):

Opsahl, S. P., S. E. Chapal, D. W. Hicks, and C. K. Wheeler. 2007. Evaluation of ground-water and surface-water exchanges using streamflow difference analyses. *Journal of the American Water Resources Association* 43:1132-1141.

### Outreach Publications and Reports to Natural Resource Agencies (Past 6 years):

Allums, S. E., S. P. Opsahl, S. W. Golladay, and D. W. Hicks. 2009. [Effects of land-use on groundwater quality in springs of the Upper Floridan aquifer](#). Pages 358-361 in G. D. Carroll (ed.). Proceedings of the 2009 Georgia Water Resources Conference. Institute of Ecology, University of Georgia, Athens, Georgia.

Rugel, K., J. Romeis, C. R. Jackson, S. W. Golladay, D. W. Hicks, and J. F. Dowd. 2009. [Use of historic data to evaluate effects of pumping stress on streams in southwest Georgia](#). Pages 140-143 in G. D. Carroll (ed.). Proceedings of the 2009 Georgia Water Resources Conference, Institute of Ecology, University of Georgia, Athens, Georgia.

Clayton, B., and D. W. Hicks. 2007. [Hydrologic monitoring of a hardwood encroached, isolated depressional wetland, southwest Georgia](#). Pages 596-598 in T. C. Rasmussen, G. D. Carroll, and A. P. Georgakakos (eds.). Proceedings of the 2007 Georgia Water Conference, Institute of Ecology, University of Georgia, Athens, Georgia.

Golladay, S. W., D. W. Hicks, and T. K. Muenz. 2007. [Stream flow changes associated with water use and climatic variation in the lower Flint River Basin, southwest Georgia.](#) Pages 479- 482 in T. C. Rasmussen, G. D. Carroll, and A. P. Georgakakos (eds.). Proceedings of the 2007 Georgia Water Conference, Institute of Ecology, University of Georgia, Athens, Georgia.

Golladay, S. W., D. W. Hicks, and T. K. Muenz. 2006. Long-term changes in streamflow in the lower Flint River Basin, Southwestern Georgia, associated with water use and climatic variation. 54th Annual Meeting, North American Benthological Society. 4-9 June 2006, Anchorage, Alaska.

Golladay, S. W., D. W. Hicks, and T. K. Muenz. 2006. Streamflow changes associated with water use and climatic variation in the lower Flint River Basin, Southwestern Georgia. Lower ACF Conference. 24-25 October 2006, Albany, Georgia.

Hicks, D. W., and B. Clayton. 2006. Preliminary Hydrologic Evaluation of the Grand Bay and Banks Lake Area near Moody Air Force Base, Valdosta, Georgia, The Nature Conservancy.

Hicks, D. W., and S. W. Golladay. 2006. Impacts of agricultural pumping on selected streams in southwestern Georgia. Georgia Environmental Protection Division, Atlanta, Georgia.

McIntyre, R. K., and D. W. Hicks. 2006. Annual Report of the Joseph W. Jones Ecological Research Center.

Muenz, T. K., S. P. Opsahl, S. W. Golladay, D. W. Hicks, B. Clayton, and K. A. Cressman. 2006. Assessment of stream habitat in the Flint River Basin, U.S. F.W.S., Panama City, Florida.

Golladay, S. W., D. W. Hicks, and S. P. Opsahl. 2005. Hydrologic Variation and Human Development in the Lower Flint River Basin: An Ongoing Landscape-scale Experiment. Joseph W. Jones Ecological Research Center, file report.

#### Grants and Contracts: (Past 6 years):

Hicks, D. W. Grand Bay-Banks Lake long-term wetland evaluation. U.S. Army, Moody AFB. April 1, 2009 –December 31, 2013. \$104,644. Received in 2009, \$14,531. Received in 2010, \$19,086.

Hicks, D. W. 2006. Preliminary hydrologic evaluation of the Grand Bay and Banks Lake area near Moody Air Force Base, Valdosta, Georgia, The Nature Conservancy, Grand Bay Legacy Grant \$35,000, December 2005-September 2006.

Hicks, D. W., and S. W. Golladay. 2004. Evaluation of permitted agricultural water use and potential effects of streamflow in southwestern Georgia. Georgia Environmental Protection Division. Budget \$98,169, January 2004-July 2006.

Opsahl, S. P., S. W. Golladay, and D. W. Hicks. 2004. Assessment of stream habitat in the ACF Basin. U.S. Fish and Wildlife Service. Budget \$19,000, October 2004-January 2006.

#### Current Jones Center Research:

Golladay, S. W., S. P. Opsahl, L. L. Smith, and D. W. Hicks. Hydrologic variation and human development in the lower Flint River Basin: An ongoing landscape-scale experiment.

Kirkman, L. K., S. W. Golladay, L. L. Smith, S. P. Opsahl, and D. W. Hicks. Depressional wetlands in the coastal plain landscape: Maintenance of regional biological diversity.