

Technical Presentations

March 1999, Clarke, J.S., Smith, C.H., and McConnell, J.B., 1999, Aquifer interconnection in eastern Chatham County, Georgia, as indicated by hydraulic and water-chemistry data: 1999 Georgia Water Resources Conference, March 30-31, 1999, The University of Georgia, Athens, GA

March 1999, Fanning, J.L., 1999, Water use in coastal Georgia by county and source for 1997 and trends, 1980-97: 1999 Georgia Water Resources Conference, March 30-31, 1999, The University of Georgia, Athens, GA [Poster].

March 1999, Edwards, L.E., 1999, Subsurface stratigraphy of the Miocene of southeastern Georgia: Annual meeting of the southeastern section of the Geological Society of America, March 25-26, 1999, Athens, GA

March 1999, Peck, M.F., 1999, Water levels in the Upper Floridan Aquifer in the coastal area of Georgia, 1990-98: 1999 Georgia Water Resources Conference, March 30-31, 1999, The University of Georgia, Athens, GA [Poster].

March 1999, Harrison, K.A., and Tyson, A., 1999, Agricultural Irrigation Trends in Georgia: 1999 Georgia Water Resources Conference, March 30-31, 1999, The University of Georgia, Athens, GA

March 1999, Maimone, M., 1999, Groundwater and Salt Water Modeling in Coastal Areas: 1999 Georgia Water Resources Conference, March 30-31, 1999, The University of Georgia, Athens, GA

March 1999, Segars, W.I., 1999, Occurrence of Nitrates in Georgia's Groundwater: 1999 Georgia Water Resources Conference, March 30-31, 1999, The University of Georgia, Athens, GA

March 1999, Thomas, D., Myers-Roche, C., Harrison, K., Hook, J., Tyson, A., Hoogenboom, G., and Segars, W., 1999, Ag. Water Pumping: A New Program to Evaluate Agricultural Water Use in Georgia: 1999 Georgia Water Resources Conference, March 30-31, 1999, The University of Georgia, Athens, GA [Poster]

March 2000, Clarke, J.S., 2000, Georgia's coastal sound science initiative--evaluation of groundwater flow, saltwater contamination, and alternative water sources: Annual meeting of the southeastern section of the Geological Society of America, March 2000, Charleston, SC.

March 2000, Falls, W.F., Leeth, D.C., and Ransom III, Camille, 2000, Preliminary geochemistry and hydrogeology of the Floridan aquifer system in offshore test holes, Savannah, Georgia - Hilton Head Island, South Carolina, area, August-September, 1999: Annual meeting of the southeastern section of the Geological Society of America, March 2000, Charleston, SC.

March 2000, Krause, R.E., 2000, Ground-water resources of coastal Georgia--past, present, and future: Annual meeting of the southeastern section of the Geological Society of America, March 2000, Charleston, SC.

March 2000, Payne, D.F., Provost, A.M., and Voss, C.I., 2000, Development of a 3D saltwater transport model in the Savannah, Georgia - Hilton Head Island, South Carolina area: Annual meeting of the southeastern section of the Geological Society of America, March 2000, Charleston, SC. [Poster]

March 2000, Peck, M.F., Abu-Ruman, Malek, Clarke, J.S., and Georgakakos, A.P., Water-supply potential of a seepage pond near Brunswick, Georgia: Annual meeting of the southeastern section of the Geological Society of America, March 2000, Charleston, SC. [Poster]

April 2000, Clarke, J. S., Georgia's coastal sound science initiative--evaluation of ground-water flow, saltwater contamination, and alternative water sources: Georgia Water & Pollution Control Association - Georgia Ground Water Association conference, Macon, GA

April 2000, Krause, R.E., Ground-water resources of coastal Georgia--past, present, and future: Georgia Water & Pollution Control Association - Georgia Ground Water Association conference, Macon, GA

April 2000, Leeth, D. C., The surficial aquifer at Naval Submarine Base Kings Bay--Potential water source for coastal south Georgia: Georgia Water & Pollution Control Association - Georgia Ground Water Association conference, Macon, GA

July 2000, Clarke, J.S., Coastal Georgia aquifer studies: Coastal Water Supply Planning Coordination Conference, Savannah, GA

March 2001, Ma, A., Zitsch, K.H., and Franz, D., 2001, Southeast Georgia 24-County Alternative Water Supply Study: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Rate, J., Hemingway, C., and Humphries, R., 2001, Engineering Assessment of the Miocene Aquifer System in Coastal Georgia: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Renner, J. F., Kroitoru, L., and Snell, R., 2001, Literature Survey of Methods to Control Salt Water Intrusion into the Floridan Aquifer: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, McIntosh, P., and Brewton, B., 2001, Environmental Concerns in Planning for Coastal Water Supply: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Foyle, A.M., Henry, V.J., and Alexander, C.R., 2001, Using Marine Reflection Seismics to Identify Potential Seawater Intrusion Sites in the Upper Floridan Aquifer of Coastal

Georgia and South Carolina: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Gill, Harold E., 2001, Development of Long-term Sustainable Water Supplies from the Miocene Upper and Lower Brunswick Aquifers, Glynn and Bryan Counties, Georgia: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Abu-Ruman, Malek, and Clarke, J.S., 2001, Preliminary simulation of pond-aquifer flow and water availability at a seepage pond near Brunswick, Georgia: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Clarke, J.S., and Krause, R.E., 2001, Use of ground-water flow models for simulation of water-management scenarios for coastal Georgia and adjacent parts of South Carolina: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Falls, W.F., Harrelson, L.G., Conlon, K.J., and Petkewich, M.D., 2001, Hydrogeology and water quality of the Lower Floridan aquifer, coastal Georgia, 1999-2000: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Jones, L.E., 2001, Saltwater contamination in the Upper Floridan aquifer at Brunswick, Georgia: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Krause, R.E., and Clarke, J.S., 2001, Saltwater contamination of ground water at Brunswick, Georgia and Hilton Head Island, South Carolina: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA [Poster]

March 2001, Laitta, M.T., 2001, Linkage of offshore and onshore hydrogeologic data for coastal Georgia and adjacent parts of South Carolina and Florida using a geographic information system: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA [Poster]

March 2001, Payne, D.F., Provost, A.M., and Voss, C.I., 2001, Preliminary numerical models of saltwater transport in coastal Georgia and southeastern South Carolina: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Peck, M.F., Clarke, J.S., Abu-Ruman, Malek, and Laitta, M.T., 2001, Hydrogeologic conditions at two seepage ponds in the coastal area of Georgia, August 1999 to February 2001: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA [Poster]

March 2001, Reheis, H., Statewide Water Management Issues: 2001 Georgia Water Resources Conference, held March 26-27, 2001, at The University of Georgia, Athens, GA

March 2001, Clarke, J.S., “Potential impacts of long-term pumping on the Miocene aquifers of coastal Georgia”: Georgia Coastal Advisory Committee meeting, Brunswick, Georgia, April 24, 2001.

March 2001, Payne, D.F., Provost, A.M., Voss, C.I., and Clarke, J.S., 2001, Mechanisms of saltwater contamination of ground water in coastal Georgia, U.S.A.: Preliminary results of variable-density transport modeling: First International conference on saltwater intrusion and coastal aquifers—monitoring, modeling, and management, Essaouira, Morocco, April 23-25, 2001.

April 2003, Abu-Ruman, Malek, and Payne, D.F., Model framework and Preliminary results of the regional MODFLOW ground-water flow model of coastal Georgia, South Carolina, and Florida: in Proceedings of the 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2003, Clarke, J.S., The surficial and Brunswick aquifer systems—alternative water sources for coastal Georgia: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2003, Leeth, D.C. and Clarke, J.S., Ground-water Levels in Georgia, 2001: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2003, Peck, M. F., and Payne, D.F.: Development of an estimated water-table map for coastal Georgia and adjacent parts of Florida and South Carolina : 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA [Poster]

April 2003, Payne, D. F., Provost, A.M., and Voss, C.I., Parallel development of MODFLOW and SUTRA Models in coastal Georgia, South Carolina, and Florida: an approach to study regional ground-water flow and local saltwater intrusion: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2003, Priest, Sherlyn, and Clarke, J.S.: Stream-aquifer relations in the coastal area of Georgia and adjacent parts of Florida and South Carolina: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2003, Marella, R.L.: Ground-water Withdrawals From the Floridan Aquifer System in the Southeastern United States during 2000: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA (Poster)

April 2003, Taylor, Da'Vette A., Painter, J.A., and Payne, D.F.: Development of a water-use database for use in coastal region ground-water models, Georgia, South Carolina, and Florida, 1980-2000: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA (Poster)

April 2003, Clarke, J.S.: Georgia coastal sound science initiative—evaluation of ground-water flow, saltwater contamination, and alternative water sources: 11 th annual David S. Snipes-Clemson Hydrogeology Symposium, held April 3-4, 2003, Clemson, S.C.

April 2003, Boken, V.K., Hoogenboom, G, Guerra, L.C., Hook, J.E., Thomas, D.L. and Harrison, K.A.: Water Use Estimation for Some Major Crops in Georgia using Geospatial Modeling: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2003, Thomas, D.L., Harrison, K.A., Hook, J.E., Hoogenboom, G., McClendon, R.W. and Wheeler, L.R.: Agricultural Water Use in Georgia: Results from the Ag Water Pumping Program: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2003, Hemmingway, C.D., and Radtke, J.S.: The Results of the Aquifer Interconnection and Leakage Analysis at Ebenezer Bend as Part of the Engineering Assessment of the Brunswick Aquifer System in Coastal Georgia: 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

May 2003, Clarke, J.S., Saltwater intrusion in coastal Georgia and adjacent parts of South Carolina and Florida: Soil and Water Conservation Society Tri-State Conference, May 30, 2003, Jekyll Island, GA

March 2004, Clarke, J.S., Coastal Georgia Sound Science Initiative update: Coastal Georgia Rural Development Commission, Coastal Georgia Water and Development Issues Seminar, Bamboo Farm and Coastal Gardens, Savannah, GA

August 2004, Clarke, J.S., Coastal Georgia Sound Science: Coastal Georgia Water Quality and Development Seminar, University of Georgia Marine Technology and Outreach Center, Brunswick, GA, August 31, 2004.

October 2004, Clarke, J.S., 2003, Evaluation of ground-water flow, saltwater contamination, and alternative water sources: American Institute of Hydrology annual conference held October 19-22, 2003, Atlanta, GA

April 2005, Peck, M.F., 2005, Impact of a Major Industrial Shutdown of Groundwater Flow and Quality in the St. Mary's Area, Southeastern Georgia and Northeastern Florida, 2001-2003: 2005 Georgia Water Resources Conference, held April 25-27, 2005, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2005, Faye, R.E., 2005, Computation of Leakance of the Middle Semiconfining Unit, Floridan Aquifer System, Berwick Plantation, Chatham County, Georgia: 2005 Georgia Water Resources Conference, held April 25-27, 2005, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2005, Clarke, J.S., 2005, Georgia Coastal Sound Science Initiative 2005 – What Have We Learned? 2005 Georgia Water Resources Conference, held April 25-27, 2005, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA

April 2005, Fanning, J., 2005, Development of Water-use Projections for Groundwater Flow Models in the Coastal Plain of Georgia and South Carolina 2000-2035: 2005 Georgia Water Resources Conference, held April 25-27, 2005, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA [Poster]

April 2005, Hall, M., 2005, Saltwater contamination due to well construction problems – A case study from Vernonburg, Georgia: 2005 Georgia Water Resources Conference, held April 25-27, 2005, at the University of Georgia, Kathryn J. Hatcher, ed., Institute of Ecology, the University of Georgia, Athens, GA [Poster]