

## **A Bibliography of Selected USGS Reports Available Online: Groundwater and ASR in Florida**

*Assessing Ground-Water Vulnerability to Contamination: Providing Scientifically Defensible Information for Decision Makers* by Michael J. Focazio, T.E. Reilly, M.G. Rupert, D.R. Helsel. USGS Circular 1224, 2002. Available on-line at [water.usgs.gov/pubs/circ/2002/circ1224/](http://water.usgs.gov/pubs/circ/2002/circ1224/)

*Bibliography on the Occurrence and Intrusion of Saltwater in Aquifers along the Atlantic Coast of the United States* by Paul M. Barlow and Emily C. Wild. USGS Open-File Report 02-235, 2002. Available on-line at [water.usgs.gov/pubs/of/ofr02235/](http://water.usgs.gov/pubs/of/ofr02235/)

*Delineation of Saltwater Intrusion in the Surficial Aquifer System in Eastern Palm Beach, Martin, and St. Lucie Counties, Florida, 1997-98* by Clinton D. Hittle. USGS Water-Resources Investigations Report 99-4214, 2000. Available on-line at [fl.water.usgs.gov/Abstracts/wri99\\_4214\\_hittle.html](http://fl.water.usgs.gov/Abstracts/wri99_4214_hittle.html)

*Descriptions of Anisotropy and Heterogeneity and their Effect on Ground-Water Flow and Areas of Contribution to Public Supply Wells in a Karst Carbonate Aquifer System* by L.A. Knochenmus, and J.L. Robinson. USGS Water Supply Paper 2475, 1996. Available on-line at [fl.water.usgs.gov/Abstracts/wsp2475\\_knochenmus.html](http://fl.water.usgs.gov/Abstracts/wsp2475_knochenmus.html)

*Distribution and Origin of Salinity in the Surficial and Intermediate Aquifer Systems, Southwestern Florida* by David L. Schmerge. USGS Water-Resources Investigations Report 01-4159, 2001. Available on-line at [fl.water.usgs.gov/Abstracts/wri01\\_4159\\_schmerge.html](http://fl.water.usgs.gov/Abstracts/wri01_4159_schmerge.html)

*Estimating Hydraulic Properties of the Floridan Aquifer System by Analysis of Earth-Tide, Ocean-Tide, and Barometric Effects, Collier and Hendry Counties, Florida* by Michael L. Merritt. USGS Water-Resources Investigations Report 03-4267, 2004. Available on-line soon at [fl.water.usgs.gov/Pubs\\_products/online.html](http://fl.water.usgs.gov/Pubs_products/online.html)

*Evaluation of the Feasibility of Freshwater Injection Wells in Mitigating Ground-Water Quality Degradation at Selected Well Fields in Duval County, Florida* by Nicasio Sepúlveda and R.M. Spechler. USGS Water-Resources Investigations Report 03-4273, 2004. Available on-line at [fl.water.usgs.gov/Abstracts/wri03\\_4273\\_sepulveda.html](http://fl.water.usgs.gov/Abstracts/wri03_4273_sepulveda.html)

*Evolving issues and practices in managing ground-water resources: case studies on the role of science* by Devin L. Galloway, W.M. Alley, P.M. Barlow, T.E. Reilly, P. Tucci. USGS Circular 1247, 2003. Available on-line at [water.usgs.gov/pubs/circ/2003/circ1247/](http://water.usgs.gov/pubs/circ/2003/circ1247/)

*Ground-Water-Level Monitoring and the Importance of Long-Term Water-Level Data* by Charles J. Taylor and William M. Alley. USGS Circular 1217, 2002. Available on-line at [water.usgs.gov/pubs/circ/circ1217/](http://water.usgs.gov/pubs/circ/circ1217/)

***Ground Water and Surface Water: A Single Resource*** by Thomas C. Winter and others. USGS Circular 1139, 2002. Available on-line at [water.usgs.gov/pubs/circ/circ1139/](http://water.usgs.gov/pubs/circ/circ1139/)

***Hydrogeology and the Distribution of Salinity in the Floridan Aquifer System, Southwestern Florida*** by Ronald S. Reese. USGS Water-Resources Investigations Report 98-4253, 2000. Available on-line at [fl.water.usgs.gov/Abstracts/wri98\\_4253\\_reese.html](http://fl.water.usgs.gov/Abstracts/wri98_4253_reese.html)

***Hydrogeology and Water-Quality Characteristics of the Lower Floridan Aquifer in East-Central Florida*** by Andrew M. O'Reilly and Rick M. Spechler and Brian E. McGurk. USGS Water-Resources Investigations Report 02-4193, 2002. Available on-line at [fl.water.usgs.gov/Abstracts/wri02\\_4193\\_oreilly.html](http://fl.water.usgs.gov/Abstracts/wri02_4193_oreilly.html)

***Hydrology and the Distribution of Salinity in the Floridan Aquifer System, Palm Beach County, Florida*** by Ronald S. Reese and Steven J. Memberg. USGS Water-Resources Investigations Report 99-4061, 2000. Available on-line at [fl.water.usgs.gov/Abstracts/wri99\\_4061\\_reese.html](http://fl.water.usgs.gov/Abstracts/wri99_4061_reese.html)

***Hydrogeologic Framework and Geochemistry of the Intermediate Aquifer System in Parts of Charlotte, De Soto, and Sarasota Counties, Florida*** by A.E. Torres, L.A. Sacks, D.K. Yobbi, L.A. Knochenmus, and B.G. Katz. USGS Water-Resources Investigations Report 01-4015, 2001. Available on-line at [fl.water.usgs.gov/Abstracts/wri01\\_4015\\_torres.html](http://fl.water.usgs.gov/Abstracts/wri01_4015_torres.html)

***Hydrogeology and Analysis of Aquifer Characteristics in West-Central Pinellas County, Florida*** by J.C. Broska, and H.L. Barnette. USGS Open-File Report 99-185, 1999. Available on-line at [fl.water.usgs.gov/Abstracts/ofr99\\_185\\_broska.html](http://fl.water.usgs.gov/Abstracts/ofr99_185_broska.html)

***Hydrogeology of the Gray Limestone Aquifer in Southern Florida*** by Ronald S. Reese and Kevin J. Cunningham. USGS Water-Resources Investigations Report 99-4213, 2000. Available on-line at [fl.water.usgs.gov/Abstracts/wri99\\_4213\\_reese.html](http://fl.water.usgs.gov/Abstracts/wri99_4213_reese.html)

***Inventory and Review of Aquifer Storage and Recovery in Southern Florida*** by Ronald S. Reese. USGS Water-Resources Investigations Report 02-4036, 2002. Available on-line at [fl.water.usgs.gov/Abstracts/wri02\\_4036\\_reese.html](http://fl.water.usgs.gov/Abstracts/wri02_4036_reese.html)

***Land Subsidence in the United States*** by Devin Galloway and others. USGS Circular 1182, 1999. USGS Circular 1182, 1999. Available on-line at [water.usgs.gov/pubs/circ/circ1182/](http://water.usgs.gov/pubs/circ/circ1182/)

***Methodology for Estimating Nutrient Loads Discharged from the East Coast Canals to Biscayne Bay, Miami-Dade County, Florida*** by A.C. Lietz. USGS Water-Resources Investigations Report 99-4094, 1999. Available on-line at [fl.water.usgs.gov/Abstracts/wri99\\_4094\\_lietz.html](http://fl.water.usgs.gov/Abstracts/wri99_4094_lietz.html)

***Preliminary Assessment of Injection, Storage, and Recovery of Freshwater in the Lower Hawthorn Aquifer, Cape Coral, Florida*** by Vicente Quinones-Aponte, and E.J. Wexler. USGS Water-Resources Investigations Report 94-4121. Available on-line at [fl.water.usgs.gov/Abstracts/wri94\\_4121\\_quinones.html](http://fl.water.usgs.gov/Abstracts/wri94_4121_quinones.html)

***Sequence- stratigraphic analysis of the Regional Observation Monitoring Program (ROMP) 29A test corehole and its relation to carbonate porosity and regional transmissivity in the Floridan aquifer system, Highlands County, Florida*** by W.C. Ward, K.J., Cunningham, R.A. Renken, M.A. Wacker, and J.I., Carlson. USGS Open-File Report 03-201, 2003. Available on-line at [fl.water.usgs.gov/Abstracts/ofr03\\_201\\_ward.html](http://fl.water.usgs.gov/Abstracts/ofr03_201_ward.html)

***Simulation of Ground-Water Discharge to Biscayne Bay, Southeastern Florida*** by Christian D. Langevin. USGS Water-Resources Investigations Report 00-4251, 2001. Available on-line at [fl.water.usgs.gov/Abstracts/wri00\\_4251\\_langevin.html](http://fl.water.usgs.gov/Abstracts/wri00_4251_langevin.html)

***Simulation of Ground-Water Flow in the Intermediate and Floridan Aquifer Systems in Peninsular Florida*** by Nicasio Sepulveda. USGS Water-Resources Investigations Report 02-4009, 2002. Available on-line at [fl.water.usgs.gov/Abstracts/wri02\\_4009\\_sepulveda.html](http://fl.water.usgs.gov/Abstracts/wri02_4009_sepulveda.html)

***Simulation of Subsurface Storage and Recovery of Effluent Using Multiple Wells, St. Petersburg, Florida*** by D.K. Yobbi. USGS Water-Resources Investigations Report 97-4024, 1997. Available on-line at [fl.water.usgs.gov/Abstracts/wri97\\_4024\\_yobbi.html](http://fl.water.usgs.gov/Abstracts/wri97_4024_yobbi.html)

***Simulation of Subsurface Storage and Recovery of Treated Effluent Injected in a Saline Aquifer, St. Petersburg, Florida*** by D.K. Yobbi. USGS Water-Resources Investigations Report 95-4271, 1996. Available on-line at [fl.water.usgs.gov/Abstracts/wri95\\_4271\\_yobbi.html](http://fl.water.usgs.gov/Abstracts/wri95_4271_yobbi.html)

***Simulation of the Water-Table Altitude in the Biscayne Aquifer, Southern Dade County, Florida, Water Years 1945-89*** by Michael L. Merritt. USGS Water-Supply Paper 2458, 1996. Available on-line at [fl.water.usgs.gov/Abstracts/wsp2458\\_merritt.html](http://fl.water.usgs.gov/Abstracts/wsp2458_merritt.html)

***Surface-Geophysical Characterization of Ground-Water Systems of the Caloosahatchee River Basin, Southern Florida*** by Kevin Cunningham and others. USGS Water-Resources Investigations Report 01-4084, 2001. Available on-line at [fl.water.usgs.gov/Abstracts/wri01\\_4084\\_cunningham.html](http://fl.water.usgs.gov/Abstracts/wri01_4084_cunningham.html)

***Sustainability of Ground-Water Resources*** by William M. Alley and others. USGS Circular 1186, 1999. Available on-line at [water.usgs.gov/pubs/circ/circ1186/](http://water.usgs.gov/pubs/circ/circ1186/)

***Transmissivity and water quality of water-producing zones in the intermediate aquifer system, Sarasota County, Florida*** by L.A. Knochenmus, and Geronia Bowman. USGS Water-Resources Investigations Report 98-4091, 1998. Available on-line at [fl.water.usgs.gov/Abstracts/wri98\\_4091\\_knochenmus.html](http://fl.water.usgs.gov/Abstracts/wri98_4091_knochenmus.html)

***Effects of aquifer heterogeneity on ground-water flow and chloride concentrations in the Upper Florida aquifer near and within an active pumping well field, west-central Florida*** by A. B. Tihansky. USGS Scientific Investigations Report 2004-5268, 2005, 81 p. Available on-line at <http://pubs.usgs.gov/sir/2004/5268/>

***User's Guide to SEAWAT: A Computer Program for Simulation of Three-Dimensional Variable-Density Ground-Water Flow*** by Weixing Guo and Christian D. Langevin. USGS Open-File Report 01-434, 2002. Available on-line at [fl.water.usgs.gov/Abstracts/ofr01\\_434\\_guo\\_langevin.html](http://fl.water.usgs.gov/Abstracts/ofr01_434_guo_langevin.html)

***Water Quality in Southern Florida, 1996-98*** by Benjamin F. McPherson, R.L. Miller, K.H. Haag, and A. Bradner. USGS Circular 1207, 2000. Available on-line at [water.usgs.gov/pubs/circ/circ1207/](http://water.usgs.gov/pubs/circ/circ1207/)

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