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Angel Martin, Jr.

Professional experience

2006-2012

Staff Hydrologist Southwest Florida Water Management District
Brooksville, Fla.

Reviewing and issuing permits for water use (primarily for ground water) in the Southwest Florida Water Management District management area. Work with materials including the results of water-budget and ground-water-flow modeling analyses. Permits are reviewed for administrative and technical accuracy within specified timeframes. Permits are issued after the issuing official completes a thorough review based on all available information.

1990-2006

Supervisory Hydrologist U.S. Geological Survey Urbana, Ill.

Supervising and managing 15-20 professionals and students performing hydrological and water-quality studies. Duties include performing assisting in the preparation of project proposals, budgeting, and various other administrative functions. Ground-water Specialist for the Illinois District from 1995 to present. Report Specialist for the District from 1990 to present. Responsible for the technical quality of all reports prepared by the District. Also, Reports Specialist for the Ground-Water Resources Program of the National Drilling Company/U.S. Geological Survey in the United Arab Emirates. Acting Reports Specialist for the Water Resources Discipline—Northeast Region. Work includes approval of U.S. Geological Survey reports from a variety of offices throughout the northeastern States and the National Research Program. Approved over 500 reports as a U.S. Geological Survey Reports Specialist.

1982-90

U.S. Geological Survey

Baton Rouge, La.

Hydrologist and Ground-water Specialist

Ground-water, surface-water, and water-quality monitoring. Ground-water modeling of Gulf Coast regional aquifer system and smaller areas primarily in the State of Louisiana. Performed various aspects of hydrologic and water-quality investigations. Author of various technical hydrologic reports and technical review of geologic/hydrologic reports throughout the United States.

1976-82

U.S. Geological Survey

Indianapolis, Ind.

Hydrologist

Ground-water, surface-water, and water-quality monitoring. Two-and three dimensional ground-water modeling of various sites throughout the

State of Indiana.

Education

1977 Polytechnic University of Valencia Valencia, Spain

MA in Applied Mathematics

1972-76 University of South Florida Tampa, Fla.

BS Applied Interdisciplinary Mathematics

Skills

Project development, management, and supervision
Technical report writing, reviewing, and editing
Analysis of ground-water flow
Water-quality and soil sampling
Problem solving and communications

Publications

Over 30 technical documents dealing with ground-water, surface-water, and water-quality issues including ground-water and solute-transport modeling (examples listed below).

Wamer, K.L., Martin, Angel, Jr., and Arnold, T.L., 2003, Arsenic in Illinois Ground Water—Community and Private Supplies: U.S. Geological Survey Water-Resources Investigations Report 03-4103, 12 p.

Martin, Angel, Jr., and Whiteman, C.D., Jr., 1999, Hydrology of the Coastal Lowlands Aquifer System in Parts of Alabama, Florida, Louisiana, and Mississippi: U.S. Geological Survey Professional Paper 1416-H, 49 p., 8 pls.

Martin, Angel, Jr., and Whiteman, C.D., Jr., 1990, Calibration and Sensitivity Analysis of a Ground-Water Flow Model of the Coastal Lowlands Aquifer System in Parts of Louisiana, Mississippi, Alabama, and Florida: U.S. Geological Survey Water-Resources Investigations Report 89-4189, 54 p.

Nyman, D.J., Halford, K.J., and Martin, Angel, Jr., Geohydrology and Simulation of Flow in the Chicot Aquifer System of Southwestern Louisiana: Louisiana Department of Public Works and Development, Office of Public Works Water Resources Technical Report no. 50, 58 p.

Martin, Angel, Jr., and Early, David A., 1987, Statistical Analysis of Aquifer-Test Results for Nine Regional Aquifers in Louisiana: U.S. Geological Survey Water-Resources Investigations Report 87-4001, 26 p., 1 pl.

Martin, Angel, Jr. and Whiteman, Charles D., 1985, Map Showing Generalized Potentiometric Surface of Aquifers of Pleistocene Age, Southern Louisiana, 1980: U.S. Geological Survey Water-Resources Investigations Report 84-4331, 1 pl.

Imbrigiotta, T.E., and Martin, Angel, Jr., 1981, Hydrologic and Chemical Evaluation of the Ground-Water Resources of Northwest Elkhart County, Indiana: U.S. Geological Survey Water-Resources Investigations Report 81-53, 140 p.

Professional memberships

Illinois Groundwater Association
Society of Professional Well Log Analysts
Illinois Mapping Association
Illinois Hydraulic Engineering Association
Geological Society of America
American Water Works Association
International Society of Hydrologists

Training

Numerous U.S. Geological Survey, private, and university continuing education courses in hydrogeology (primarily ground water), supervision and management, and technical report writing and editing.

Languages

Fluent in Spanish and Portuguese