



**JAMES J. CONNORS, PH.D., P.G.**  
*Expert Hydrologist, Hydrogeologist, and  
Environmental Scientist*

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**Education**

Ph.D. (marine sciences), University of South Alabama  
M.S. (geology), University of Alabama  
B.S. (geology), University of South Alabama

**Affiliations**

American Geophysical Union  
Geological Society of America  
International Assoc. of Hydrogeologists  
Sigma Gamma Epsilon Honor Society

**Practice Areas**

- Groundwater/surface-water contamination
- Stormwater runoff, drainage, flooding
- Water-supply/water resource issues
- Environmental/hydrological education
- Hydrogeological computer modeling
- Expert witness testimony & consulting

**Selected Projects**

Managed hundreds of contamination and projects at industrial, military, waste disposal, municipal, and commercial facilities across the U.S.

Oversaw several environmental/health & safety (EHS) and property transfer audits for numerous industrial facilities, gaming properties, pipelines, retail sites, oil & gas operations, and governmental sites.

Supervised numerous groundwater exploration and development projects, including open-hole completions, water resources, water-supply wells/wellfields, irrigation supplies, geothermal water, and desalination facilities.

Performed aquifer analysis and modeling of dewatering, groundwater flow, and contaminant transport at industrial, commercial, and waste disposal sites.

Served as an expert witness/consultant in cases involving pipeline and storage tank leaks, landfills, subsurface NAPL and dissolved chemicals, oil-field brine and radionuclide contamination, flooding, runoff, wetlands hydrology, and surface-water contamination.

Dr. James J. Connors is an experienced hydrologist, hydrogeologist, and environmental scientist. His award-winning career has spanned over three decades and focused primarily on hydrological consulting and research, higher education and professional training, and expert witness testimony and litigation support.



He has acted as an expert in a number of legal disputes involving environmental and hydrological matters nationwide. His clients have included law firms, insurance companies, consulting firms, government agencies, municipalities, manufacturers, universities, and financial institutions. He has performed work for numerous private and public companies, including pulp-and-paper, energy, chemical, retail, manufacturing, mining, livestock, farming, refining, and waste disposal and management.

While a faculty member at the University of South Alabama, Dr. Connors taught graduate and undergraduate hydrology, hydrogeology, geophysics, and geology courses. He was also selected to serve in a number of academic leadership roles, including interim Dean, Research Vice President, and Department Chair. Dr. Connors has received *Teaching Excellence*, *Outstanding Service*, and *Humanitarian Service* awards, as well as multiple *Mortar Board* and *Faculty Member of the Year* awards. In 2013, he was named one of the *50 Outstanding Faculty Members* in the history of the University of South Alabama.

In the private sector, he served as a manager and executive officer for several hydrological and environmental businesses. He is a co-founder and retired *Principal Emeritus* of Eco-Systems, Inc., a recipient of Woodward-Clyde Consultants *Most Outstanding Young Professional* award, and a past President of the Southwest Alabama Geological Society. Dr. Connors is also a licensed professional geologist and a member of the Sigma Gamma Epsilon National Earth Sciences Honor Society, American Geophysical Union, International Association of Hydrogeologists, and Geological Society of America.