



Daniel B. Stephens, Ph.D., P.Hg., P.G.

Founder, Principal Hydrologist

Daniel B. Stephens, Ph.D., P.Hg., P.G., is Founder and Principal Hydrologist of Daniel B. Stephens & Associates, Inc. (DBS&A).

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Education

Ph.D., Hydrology

University of Arizona, 1979

M.S., Hydrology

Stanford University, 1974

B.S., Geological Science

(with honors), Pennsylvania State University, 1971

Professional Registrations

Certified Professional Hydrogeologist

No. 406, American Institute of Hydrology

Certified Hydrogeologist

No. HG355, California

Professional Geologist

No. 5937, California

Professional Geologist

No. 28483, Arizona

Professional Geologist

No. 936, Idaho

Professional Geoscientist

No. 1767, Texas



***Daniel B. Stephens
& Associates, Inc.***

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Dr. Daniel B. Stephens is an internationally recognized expert in hydrogeology, including water resources development, water quality, and vadose zone hydrology. He has more than 25 years of experience on projects ranging from site characterization to mathematical modeling of flow and transport. His expertise and formal training are a blend of hydrogeology, soil physics, and geotechnical engineering. Key areas of expertise include: hydrogeology, groundwater basin analysis, recharge, stream-aquifer interaction, impairment, vadose zone hydrology, allocation of responsibility, contaminant source identification, contaminant fate and transport analysis, applications of groundwater and vadose zone models, unsaturated flow, site characterization and monitoring, natural resource damage, and remedial action programs.

Dr. Stephens has experience in federal and state courts, as well as in administrative hearings on water rights, groundwater, and soil contamination cases. He has given numerous depositions and has provided expert testimony at trial. Additionally, he has served as a technical liaison to a mediator of a potentially responsible party (PRP) group. Dr. Stephens has been involved in a wide range of contaminated sites, including sites contaminated with chlorinated solvents (PCE, TCE, etc.), perchlorate, NDMA, petroleum hydrocarbons, MTBE, oil field brine, wood-treating chemicals, heavy metals, and pesticides, among others. He has published more than 100 articles in national and international scientific journals and conference proceedings, and he is the author of the book *Vadose Zone Hydrology*. Dr. Stephens is a former professor at the New Mexico Institute of Mining and Technology. He has served on expert panels for the Department of Energy, including the Peer-Review Team Chair for the Advanced Simulation Capability for Environmental Management (ASCEM) and the Chair of the National Vadose Zone Science and Technology Roadmap Executive Committee.