

Darrel Dunn

**Senior Hydrogeologist at Darrel Dunn -
Hydrogeologist**

Colorado Springs, Colorado Area, , US

Darrel Dunn PhD PG Hydrogeologist

Biography

Broad experience in groundwater hydrology, surface water hydrology, and geologic computer applications, especially surface water and groundwater modeling. Experience also includes environmental geology, engineering geology, and petroleum geology. Worked for engineering firms, government agencies, universities, a petroleum company, and as an independent consultant to mining companies, petroleum companies, manufacturing companies, law firms, engineering firms, land developers, geothermal developers, government agencies, ranchers, and other types of clients. Taught university courses in geology and hydrogeology at undergraduate and graduate levels.

PROFESSIONAL EXPERIENCE 2008 - present: Hydrogeologist and Geologist dba Darrel Dunn - Hydrogeologist Performed an analysis of water well step test data for an engineering firm. Performed a peer review of a water resources management plan for Broward County, Florida. The plan was based on an integrated surface water and groundwater computer model. Performed a groundwater resource assessment for a subdivision. Performed a groundwater resource assessment for a ranch. Developed the following web pages: Occurrence of methane in the subsurface of the western United States. Aquifer Storativity. Aquifer Step Testing. Water Table Aquifer Testing. Leaky Aquifer Testing. Fractured Aquifer Testing. Injection Well Testing. Aquifer Exploration. Geology of Palmer Lake, Colorado. Saltwater Intrusion. Groundwater Quality. Flow Duration Curves MODFLOW Modeling MT3D Modeling AT123D Modeling MODPATH Modeling Water Well Specific Capacity Computerized Contour Mapping Previous employment: Supervisor, Groundwater and Surface Water Planning Section, Water Resources Division, Department of Environmental Protection, Broward County, Florida. Earlier employment: Advanced Sciences, Inc, Denver Colorado; International Technology Corporation, Pittsburgh Pennsylvania; Earth Science Services, Inc., Bozeman, Montana; University of Toledo, Ohio; Montana State University; Pure Oil Company, Illinois, Colorado, Canada.

EDUCATION Ph.D. University of Illinois, Champaign/Urbana.

Industry Expertise

Environmental Services

Areas of Expertise

Hydrogeology, Geology

Affiliations

Geological Society of America

Education

University of Illinois, Champaign/Urbana
Ph.D. Geology/Hydrogeology

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