

# **HYDROGEOLOGIC SERVICES FOR ENVIRONMENTAL REMEDIATION**

**4DGeoViz, LLC offers advanced hydrogeologic services for groundwater and vadose zone characterization, modeling and remediation. We specialize in support for CERCLA and RCRA sites and offer professional services.**

- **Groundwater Remediation**
- **Production & Monitoring Well Design**
- **Pump & Treat Systems**
- **In-Situ Reactive Barriers**
- **Conceptual Site Models**
- **Site Characterization**
- **Vadose Zone/Groundwater Modeling**
- **Performance Assessment Modeling**
- **Senior Technical Reviews**
- **Project/Program Management**
- **Operational & Technical Liaison**

**We deliver technical solutions that help clients develop cost-effective monitoring plans, manage and optimize well data, and improve the productivity and efficiency of field operations. Our support contributes to optimized remedial systems.**





## **COST-EFFECTIVE REMEDIATION STRATEGY**

**4DGeoViz is a geoscience service and consulting firm specializing in environmental remediation. We are distinguished by our application of leading edge hydrogeologic modeling and visualization technologies and our research and field experience.**

**Our work on cleanup programs at Hanford, West Valley, and Yucca Mountain, has involved planning, coordination and interactions with geologists, well-planning teams, operations and drilling.**

**Dr. John L. Smoot, 4DGeoViz principal consultant, specializes in conceptualizing, characterizing, and simulating subsurface fluid flow, 3-dimensional hydrogeologic analysis; and the drilling interface. In his 30-year career, he has managed large national and international projects and has contributed to significant cost-savings and well production enhancements.**



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