

## **Robert C. Trautz**

Mr. Trautz is a Senior Technical Leader with the Electric Power Research Institute (EPRI) in Palo Alto, California. He has 30 years of experience in research and applied geology and hydrology involving CO<sub>2</sub> storage, radioactive-waste disposal, and groundwater remediation. Mr. Trautz received a Bachelor of Science degree in Geology from Michigan State University in 1981 and a Master of Science in Hydrology from the University of Arizona in 1984.

Mr. Trautz is responsible for identifying key policy and technical issues related to geologic storage of CO<sub>2</sub>, developing the EPRI geologic storage research program in consultation with EPRI utility members, establishing funding priorities and direction, and managing the research effort.

Mr. Trautz manages and serves as the technical leader for several CO<sub>2</sub> storage field demonstration projects funded by the U.S. Department of Energy (DOE), EPRI and/or industry. The overall goal of these field projects is to demonstrate safe, reliable geologic storage of CO<sub>2</sub>. Specific demonstration project experience includes the:

- West Coast Regional Carbon Sequestration (WESTCARB) Arizona Utilities CO<sub>2</sub> Storage Project (2005–2010) designed to explore CO<sub>2</sub> storage opportunities in northern Arizona
- Southeast Regional Carbon Sequestration (SECARB) Mississippi Saline Test (2005–2009) – small scale, 3,000 ton injection of CO<sub>2</sub> into the Lower Tuscaloosa sandstone at Plant Daniel, Mississippi
- SECARB Anthropogenic Pilot Test (2008–2017) – the project has captured over 100,000 metric tons of CO<sub>2</sub> from Plant Barry and stored it in the Paluxy saline formation near Citronelle, Alabama
- AEP Mountaineer Project (2010–2012) – served as an EPRI advisor for the 37,000 CO<sub>2</sub> ton storage project at the Mountaineer Power Station, West Virginia
- Distributed Fiber Optic Monitoring Project (2013–2016) – Principal Investigator for this innovative project designed to use fiber optic sensor arrays for monitoring CO<sub>2</sub> storage sites

Prior to joining EPRI in late December 2007, he worked at Lawrence Berkeley National Laboratory (1997-2007), Environmental Science & Engineering (1990-1997) and the U. S. Geological Survey (1987-1990) in different capacities.