

Dr. Vincent Tidwell is a Distinguished Member of the Technical Staff at Sandia National Laboratories. He has over 20 years of experience conducting and managing research on basic and applied projects in water resource management, collaborative modeling and the energy-water nexus. He played a lead role in realizing a new Crosscut Program on the Energy-Water Nexus within DOE. Recently he led a multi-institutional team to integrate water into long-term transmission planning in the US and identified potential pinch points where water stress could impact energy production internationally. He and colleagues are combining critical infrastructure protection models with climate integrated assessment models to evaluate the resilience of our nation's infrastructure. He is an adjunct professor at the University of New Mexico, New Mexico Tech, and the University of Arizona. He served on Governor Richardson's Blue Ribbon Task Force on water and is a Lead Author for the Water, Energy and Land Use chapter in the 2014 National Climate Assessment (NCA) and the Energy Chapter in the 2018 NCA.