

Erik K. Webb manages Sandia National Laboratories' Geoscience Research & Applications Group consisting of six departments: Geophysics, Geotechnology and Engineering, Atmospheric Sciences, Geomechanics, Geochemistry, and Geothermal Research. These departments engage across atmospheric monitoring and modeling, climate programs, fossil energy, geoengineering, nuclear repository programs, detection of underground structures, basic science of geological materials, geothermal energy, and geological elements of treaty verification and nuclear weapons programs for multiple federal agencies, foreign governments and in partnership with universities and commercial companies.



Erik has a MS and PhD in hydrogeology with emphasis in modeling and applied mathematics from the University of Wisconsin, has personally worked on an array of earth science problems with commercial (UNOCAL, STATOIL,) US Government agencies (USGS, ORNL, BOR, USACE, DOE, NRC, DOS, DOD and the EPA) and foreign government Agencies (Japan, China, Taiwan, Sweden, Switzerland). He served a fellowship with the Japanese Atomic Energy Agency, oversaw hydrological research at Sandia National Laboratories, served two years as a Congressional Fellow on the Senate Energy Committee and three years on the personal staff of Senator Pete Domenici focusing on western water policy and energy issues. Erik served as assistant to Sandia National Laboratories Chief of Staff, and as Government Relations Manager for the nuclear weapons program during ratification of the third START treaty with Russia. Just prior to his role in geosciences, Erik managed the Global Security Systems & Technologies Department working with Department of Energy non-proliferation programs, led the Second Line of Defense Program responsible for creating a nuclear detection network at international ports of entry in 50 countries, and led Sandia's DHS Borders and Maritime Security program working with DHS, Customs and Border Protection and the US Coast Guard. Erik was adjunct faculty in the Department of Earth and Planetary Sciences at the University of New Mexico providing lectures in Geoscience, Bioscience Decision Theory and worked with the Utton Center of the Law School on Western Water Planning.