



**Mark T. Peters**  
**Argonne National Laboratory**

***Deputy Laboratory Director for Programs***

Dr. Mark Peters is the Deputy Laboratory Director for Programs at Argonne National Laboratory (ANL). Responsibilities of his position include management and integration of the Laboratory's science and technology portfolio, strategic planning, Laboratory Directed Research and Development (LDRD) program, and technology transfer. Duties also include technical support to the DOE Fuel Cycle R&D (FCR&D) Program and he also served as FCR&D National Technical Director for Used Fuel Disposition.

Prior to his current position, Dr. Peters served as the Deputy Associate Laboratory Director for the Energy Sciences and Engineering Directorate. Responsibilities of this position included the management and integration of the Laboratory's energy R&D portfolio coupled with development of new program opportunities at the Laboratory, and management of the energy-related LDRD program. Duties also included technical support to the DOE Advanced Fuel Cycle Initiative (AFCI) and also served as the AFCI National Campaign Director for Waste Forms.

Selected to serve on a two-year detail to DOE Headquarters in Washington D.C., Dr. Peters worked as a senior technical advisor to the Director of the Office of Civilian Radioactive Waste Management. In a prior position, Dr. Peters was with Los Alamos National Laboratory, where he served as the Yucca Mountain Project (YMP) Science and Engineering Testing Project Manager. In that role, he was responsible for the technical management and integration of science and engineering testing in the laboratory and field on the YMP.

Before joining Los Alamos National Laboratory and the YMP in 1995, Dr. Peters had a research fellowship in geochemistry at the California Institute of Technology where his research focused on trace-element geochemistry. He has authored over 60 scientific publications, and has presented his findings at national and international meetings. Dr. Peters is a member of several professional organizations including the Geological Society of America, where he served as a member of the Committee on Geology and Public Policy. In addition, he is a member of the American Geophysical Union, the Geochemical Society, the Mineralogical Society of America, and the American Nuclear Society (ANS). He was elected recently to serve on the Executive Committee of the ANS Fuel Cycle and Waste Management Division. Dr. Peters' professional achievements have resulted in his election to Sigma Xi, the Scientific Research Society, as well as Sigma Gamma Epsilon, the Earth Sciences Honorary Society.

Dr. Peters received his Ph.D. in Geophysical Sciences from the University of Chicago and his B.S. in Geology from Auburn University.