



## Curtis Smith

### Distinguished Staff Engineer, Idaho National Laboratory

#### BIOGRAPHY

**Curtis Smith, Ph.D.**, is a distinguished staff engineer in the Risk Assessment and Management Services Department at Idaho National Laboratory. In this capacity, he is the past project manager for the NRC's SAPHIRE risk analysis software, serves as a lead instructor and manager for the NRC's Risk Assessment Training program, is a technical lead for the NASA Safety Mission Success project at INL, manages the INL Fukushima Event Reconstruction Project, and is the Risk Informed Safety Margins Characterization Pathway (RISMC) lead under the DOE Light Water Reactor Sustainability Program. Dr. Smith has been in the risk and reliability assessment field for more than 24 years. He has worked at INL as a risk analysis specialist and has worked as a consultant for a diverse set of organizations including the Department of Energy (DOE), the Nuclear Regulatory Commission (NRC), the National Aeronautics and Space Administration (NASA), the International Atomic Energy Agency (IAEA), the Federal Aviation Administration (FAA), and other government and private companies. He served as a visiting scientist to the OECD-sponsored Halden Reactor Project performing human performance-related research, the Chair of the ASME Safety Engineering and Risk Analysis (SERAD) Executive Committee, and is the current President of the Idaho State University College of Engineering Advisory Council (EAC). Dr. Smith has published over 140 papers, textbooks, and reports on risk and reliability theory and application. He holds a Ph.D. in nuclear engineering from Massachusetts Institute of Technology. He is a member of the American Society of Mechanical Engineers, American Nuclear Society, and the Idaho Academy of Sciences. Contact: 208-526-9804, [Curtis.Smith@inl.gov](mailto:Curtis.Smith@inl.gov)

