

### J. Keith Clutter, Ph.D.

Dr. J. Keith Clutter is President of **SciRisq, Inc.**, a consultancy in risk assessments, hazards analyses, and threat assessments, serving both the private and public sectors.

Dr. Clutter has over 20 years of experience participating in research and development projects related to thermal-fluid and energetic systems. He is specialized in the development and application of numerical modeling tools for problems involving combustion, explosions, fires and chemical dispersion.

He has performed work for several commercial companies in the energy, nuclear and petrochemical area. Projects have included fire and explosion assessments and quantitative risk assessments. He has also performed work for various organizations to meet regulatory oversight such as NRC regulations. His work has supported organizations such as Defense Threat Reduction Agency (DTRA), US Navy, and US Army Corp of Engineers.

Keith received his BS and MS in Aerospace Engineering from Mississippi State University in 1988 and 1989 respectively and his Ph.D. in Aerospace Engineering from the University of Florida in 1997. In addition to his academic education, he has completed a variety of training courses to include the US Navy's Explosive Ordnance Disposal (EOD) School, US Air Force's (USAF) Security Forces Officer Course, the FBI's Large Vehicle Bomb Post Blast Course, and the US Navy's Advanced IED Disposal course. He has over eight years of teaching experience at the university level, has published numerous technical journal articles and is an Associate Fellow of the American Institute of Aeronautics and Astronautics.

He also serves at the rank of Lt. Col. in the US Air Force Reserves as an EOD Officer and is the Commander of the 916<sup>th</sup> Civil Engineer Flight at Seymour Johnson AFB and is in charge of EOD, Fire Fighting and CBRNE response teams. He has over twelve years of EOD experience both in peace and wartime environments. He has previously served in positions with the Air Force as a Security Forces Officer and Research Engineer. A veteran of *Operation IRAQI FREEDOM* his military awards include the Air Force and Army Commendation Medal, Meritorious Service Medal with 2<sup>nd</sup> Oak Leaf and the Bronze Star with Valor.