

Kelly J. Hand works for the Aerospace Corporation supporting the Space Situational Awareness and C2 Division as Tech Lead for the environmental portion of the SSA mission area. As AFSPC's space environmental operational and technical subject matter expert (SME), he provides planning, requirements, architecture, and integration analysis and advice related to acquiring and fielding space-based space environmental sensing capabilities in support of USSTRATCOM's Space Control and Force Enhancement missions. Additionally he provides SME support to the requirements process related to the application of environmental data to support USSTRATCOM space system and mission capabilities, to include decision support systems. He also works as an Air Force Reservist as Lt Col Kelly Hand, Individual Mobilization Augmentee (IMA) to the Chief, Weather Operations Branch, Directorate of Air and Space Operations, Headquarters Air Force Space Command, Peterson AFB, Colorado. In that role he assists the command in devising policy/directives in the execution of space and missile weather support operations, coordinating standardized weather operations policy with HQ USAF/XOO-W, directing development and integration of new technologies into daily space operations and assessing operational effectiveness and technical quality of weather systems, procedures and training used to support space operations; and initiating needed corrective actions and upgrade requirements. Mr Hand experience includes 26 years in a variety of space weather related staff, technical, and operational positions supporting NORAD, USSTRATCOM, AFSPC and national program space systems and missions. His education includes a bachelor of science in Chemistry from Minnesota State University (Mankato), a basic meteorology degree through the Air Force Institute of Technology (AFIT) from Texas A&M University, a MS degree through AFIT in Space Environmental Physics from Utah State University. He is an in-residence graduate of Air Command and Staff College and is a recent graduate of Air War College (correspondence).