Krista Langeland Bio

Krista S. Langeland is a physical scientist at the RAND Corporation working to develop methods and tools for decisionmaking support for air and space operations and space policy. Recent work has focused on artificial intelligence for decisionmaking support in defensive counterspace operations, improved methods for intelligence assessments, and the incorporation of data from non-traditional sensors for enhanced space situational awareness. Prior to joining RAND, she received her Ph.D. in materials science from the California Institute of Technology, where she studied methods for enhancing the performance of thin-film silicon solar cells via waveguiding and sub-wavelength metallic scattering surface structures.