

Dr. Jong Sung Lee is a senior research scientist at National Center for Supercomputing Applications (NCSA), University of Illinois at Urbana-Champaign. He has worked at NCSA since 2006. He received his B.S. in Urban Planning and Engineering from Yonsei University, S. Korea in 1997; M.S. of Urban Planning and Ph.D. in Regional Planning from the University of Illinois at Urbana-Champaign in 1999 and 2005 respectively. He co-leads the Innovative Software and Data Analysis Division at NCSA. His research interests focus on designing, developing and operating end-to-end cyberenvironments supporting various research and education communities. He is particularly interested in the role of geographic information sciences and systems in cyberenvironments. Current representative projects include Ergo: Seismic Risk Assessment Systems, NSF DIBBs (Data Infrastructure Building Blocks): BrownDog , Developing Great Lakes to Gulf (GLTG) Virtual Observatory, KISTI-NCSA Science Gateway, Semantic GeoStreaming Toolkit, and DataWolf: Scientific Workflow Systems. Via those projects, he is collaborating with various scientific domains such as hazard management, agricultural food market system, environmental engineering, water management, CFD (Computation Fluid Dynamics) simulation, sensor web, etc.