

Alan P. Berscheid, Los Alamos National Laboratory

Alan P. Berscheid is currently a project leader and the Deputy Group Leader for Energy and Infrastructure Analysis at Los Alamos National Laboratory and is responsible for leading the National Infrastructure Simulation and Analysis Center (NISAC) project. Mr. Berscheid focuses on modeling interconnected infrastructure systems to determine potential consequences of disruptions within those infrastructure systems, including modeling how disasters can impact these infrastructure systems. He has also performed sensitivity studies on power system models to examine the effects of contingency events on both the power system and other infrastructure systems reliant on electric power. In particular, he has examined supervisory control and data acquisition (SCADA) systems, including studying the relationship between those systems and electric power networks. Mr. Berscheid has also utilized Geographic Information Systems (GIS) to augment analysis of the electric power system. Mr. Berscheid received an M.S. in electrical engineering from the University of Minnesota and a B.S. in electrical and electronics engineering from North Dakota State University.