

SOCIETAL BENEFITS OF RESILIENCE / WHAT DOES RESILIENCE MEAN TO YOU

MONDAY: SESSION 1, TRACK 1

SESSION CHAIR

Bobby Jeffers, Sandia National Laboratories

SPEAKERS

- Amanda Wachtel, Sandia National Laboratories
- Susan Spierre-Clark, University at Buffalo
- Pete Larsen, Lawrence Berkeley National Laboratory

SESSION ABSTRACT

During this seminar session, three leading experts will present a set of diverse practical approaches to estimating the socioeconomic impacts of power outages and other infrastructure disruptions. These approaches are designed to build upon and complement each other toward a cohesive, performance-based valuation approach for resilience investment planning. The session will begin with an overview of the Resilient Community Design planning framework and the “social burden” metric developed to measure social impacts of disruptions within an infrastructure investment planning process. Social scientists involved in development of social burden will describe a survey-enabled methodology that connects theoretical frameworks of social justice to practice. Finally, methods to quantify the economic impacts of power outages will be presented, with special attention to differences between doing so for short-duration versus long-duration outages.