

Session 1F. Resilient and Sustainable Urban and Energy Systems 2
Moderator: Nan Li (Tsinghua University)

- 15:15** #121. A Reinforcement Learning-based Stakeholder Value Aggregation Model for Collaborative Decision Making on Disaster Resilience
Lu Zhang, Xuan Lv and Sunil Dhakal
- 15:30** #21. Sustainable Disaster Recovery Framework: Reducing the Community Vulnerabilities Throughout the Redevelopment Process
Mohamed S. Eid and Islam H. El-Adaway
- 15:45** #183. Simulation of health and safety aspects during the maintenance of offshore wind farms
Philipp Kuenz, Lucian Ungureanu, Timo Hartmann and Thorsten Albers
- 16:00** #204. Simulation of Network Dynamics in Inter-organizational Coordination and Resilience Planning of Interdependent Infrastructure Systems
Qingchun Li and Ali Mostafavi
- 16:15** #211. Understanding the Demographic Representation of Social Signals in Crisis
Rachel Samuels and John Taylor
- 16:30** #87. Identification of Principal Factors in Determining Building Peak Energy Shaving Capacities during Demand Response Events
Xinran Yu and Semiha Ergan
- 16:45** #63. Measuring the Impact of Transportation Diversity on Disaster Resilience in Urban Communities: Case Study of Hurricane Harvey in Houston TX
Yan Wang, Armin Rahimi-Golkhandan, Changjie Chen, John Taylor and Michael Garvin
- 17:00** #156. Quantifying Hospital Resilience to Earthquakes Based on System Dynamics Modeling
Zaishang Li, Nan Li, Gian Paolo Cimellaro and Dongping Fang