System Dynamics Society

The 37th International Conference of the System Dynamics Society
CALL FOR PAPERS, WORKSHOPS & SESSIONS

Resilience and Sustainability in a Changing World

Overview:

As new challenges emerge, it is increasingly important to have a systemic understanding of their effects and unknown risks to societies, infrastructure, business, economies, and governments. The speed and magnitude of these changes make management of emerging risks increasingly difficult.

In 2019 we call for research and applications that improve our understanding of how we cope with these challenges by applying Resilience and Sustainability in a Changing World. Resilient systems are those that are able to adapt and perform to shocks and disruptions. Sustainable systems are those that are managed to be resilient to expected demands. Inherent to both concepts is negative feedback, which dampens the effect of shocks and changes of the system. Resilience and sustainability principles are gaining recognition in a variety of disciplines. Improving our understanding of how we can better operate in this changing world is key to our success.

Conference Team:

- Peter Hovmand, Washington University
- Hyunjun Kim, California State University
- Leonard Malczynski, University of New Mexico
- Jack Homer, Homer Consulting
- Hazhir Rahmandad, MIT Sloan
- Munaf Aamir, Sandia National Laboratories
- Asmeret Naugle, Sandia National Laboratories
- Donna Johnson, System Dynamics Society
- Mark R. Nelson, System Dynamics Society

Program:

We welcome all research and documented consulting activities in System Dynamics including: applications, technical developments, software developments, and integration with other modeling and simulation techniques. We particularly encourage submissions from a crosssection of disciplines and domains of practice that expand our understanding of resilience and sustainability principles. The conference schedule is organized by thread to create coherent topics for presentation.

Threads for 2019 include:

- Business
- Economics
- Environment
- Health
- Human Behavior
- Information and Knowledge
- Learning and Teaching
- Methodology
- Operations
- Public Policy
- Resources
- Security
- Stakeholder Engagement
- Strategy

Important Dates:

February 4, 2019 ....Opening for Submissions
March 11, 2019 ....Submission Deadline
May 13, 2019 ....Notification of Acceptance
May 31, 2019 ....Presenter Registration Deadline
July 21-25, 2019 ....Conference

Find full submission instructions and details online at:
Systemdynamics.org/conference

JULY 21-25, 2019
ALBUQUERQUE NEW MEXICO USA

Conference Sponsor

Sandia National Laboratories