



# CALL FOR PAPERS

**ICRSCI 2019**  
**Apr 29-30, 2019**  
**Jerusalem, Israel**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICRSCI 2019 : International Conference on Resilience and Sustainability of Civil Infrastructure is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Resilience and Sustainability of Civil Infrastructure. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Resilient infrastructure systems  
Planning and management of sustainable and resilient transportation systems  
Renewable energy supply and logistics  
Reliable network design under the risk of service disruptions  
Sustainable urban underground structures development,  
Earthquake resiliency and interaction of above and below ground urban infrastructure.  
Real-time monitoring, optimization and control of infrastructure systems.  
Multiscale data and model synthesis for improved decision support  
Green infrastructure design to meet social, economic, and environmental objectives  
Resilience and sustainability modeling of interdependent infrastructural systems  
Integrated assessment of environmental and socioeconomic impacts of infrastructural expansion  
Energy-water-environment nexus analysis and modeling  
Strategic infrastructure planning under climate change

Mobile sensing, inverse modeling and data assimilation  
Risk-informed management and post-disaster operations of lifeline networks  
Reliability analysis of sequential failures in structures for risk-informed design and maintenance  
Construction engineering and management  
Construction materials  
Energy-water-environment sustainability program  
Environmental engineering and science  
Environmental hydrology and hydraulic engineering  
Geotechnical engineering  
Societal risk management program  
Structural engineering  
Sustainable and resilient infrastructure systems program  
Transportation engineering

