



CALL FOR PAPERS

ICSRIS 2021
Dec 27-28, 2021
Vienna, Austria

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.

ICSRIS 2021 : International Conference on Sustainable and Resilient Infrastructure Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Sustainable and Resilient Infrastructure Systems. 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:

Sustainable and 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

