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ICBDSEA 2022
Mar 11-12, 2022
Miami, USA

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.

ICBDSEA 2022 : International Conference on Big Data in Structural Engineering Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Big Data in Structural Engineering Applications. 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:

Structural engineering
Construction engineering and management
Health monitoring
Civil engineering
Environmental engineering
Highway and transportation engineering
Hydraulics and water power engineering
Materials science and engineering
Geotechnical engineering
Earthquake engineering
Coastal and harbor engineering
Tunnel engineering

Surveying and geo-spatial engineering
Geomatics, geosciences, remote sensing, geographical information systems
Information technology in civil engineering
Innovative algorithms, software solutions and methodologies for data collection and analysis of big data
New tools and methods for deploying and managing uncertainty and risk in big data
Big data case studies
Security and privacy of big data
Data-driven optimal planning and scheduling
Data mining
Pattern recognition
Machine learning
Classification