



# CALL FOR PAPERS

**ICRSIAEDE 2020**  
**Mar 19-20, 2020**  
**Prague, Czechia**

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.

ICRSIAEDE 2020 : International Conference on Remote Sensing, Image Analysis, Edge Detection and Enhancement is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Remote Sensing, Image Analysis, Edge Detection and Enhancement. 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:

Remote sensing and image analysis  
Remote sensing and image processing  
Remote sensing for geoscientists  
Basic physical principles of electro-optical, infra-red and microwave remote sensing  
Space and air-borne sensor systems  
Active and passive sensors  
Properties of digital image data  
Radiometric processing  
Correction of instrumental artifacts and atmospheric corrections  
Geometric corrections and registration  
Concepts of terrain extraction from space-borne sensors  
Image statistics

Radiometric enhancement and histogram matching  
Fourier representation of image data  
Image pyramids  
Geometric enhancement and spatial filtering  
Edge detection and enhancement  
Multispectral transformations and HIS  
Principle component analysis and vegetation indices  
Remote sensing image interpretation  
Thematic classification and clustering  
Supervised classification, minimum distance and maximum likelihood classification  
Accuracy assessment of classification  
Hyperspectral image analysis