

\*\*\*\*\* CALL FOR PAPERS \*\*\*\*\*

SUBMISSION DUE DATE: 30<sup>h</sup> Nov 2018

SPECIAL SESSION ON **Remote sensing and data: Applications and Analysis**  
[INSERT CONFERENCE NAME AND ACRONYM]

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INTRODUCTION:

**Remote sensing and data: Applications and Analysis**

In the last decade a large number of applications based on new satellite remote sensing missions have been launched. This has resulted in a drastic improvement in the capabilities of acquiring images as well as information of the Earth's surface. This involves an enhanced possibility to use this sensed information various future prediction, analysis and forecasts. This special issue will target the recent advances in integration of remotely sensed data and information as well as the use of such integration information analysis for futuristic improvements .Such analysis will help in development of large scale data handling approaches in multiple disciplines such as Environment, Security, Threats and Human interactions. The newly built models and applications will thus provide better insights to data engineering through sensor implementation. This section can be used as a forum for presentation for data science, algorithm development and computer science, as well as environmental engineers and geoscientists where the current state-of-the-art algorithms, tools, and applications oriented to processing and exploitation of a huge amount of remotely sensed data can be discussed.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- **Methods and techniques for collection, distribution, sharing, and visualization of remotely sensed big data;**
- **Remote sensing big data processing infrastructures and systems, such as cloud computing, high performance computing, Web computing;**
- **Fusion and assimilation of multi-temporal data;**
- **Human emotion sensing and security threats.**
- **Middle level vision task with remotely sensed big data, such as image segmentation, image change detection, features extraction, image registration, etc.;**
- **High level vision task with remote information, such as target detection or tracking, classification of scenes, image retrieval, image understanding and etc.;**
- **Applications of remote sensing big data (i.e., agriculture, environment, land cover, hydrology, forest, carbon cycle, atmosphere, ocean, Earth surface processes)**

- **Big data mining in time series: Analysis and applications**

**SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session **Remote sensing and data: Applications and Analysis on or before 30<sup>th</sup> Nov 2018**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at [http://icicc-conf.com/paper\\_submission.html](http://icicc-conf.com/paper_submission.html). All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify **Remote sensing and data: Applications and Analysis** at the top (above paper title) of the first page of your paper.

All inquires should be should be directed to the attention of:

**Dr Deepali Virmani & Ms Nikita Jain**

Guest Editor

**Remote sensing and data: Applications and Analysis**

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