



## Internet of Things (IoT) Remote Sensing

Guest Editors:

**Prof. Dr. Prem Prakash  
Jayaraman**

**Dr. Federico Montori**

**Dr. Charith Perera**

**Dr. Felip Marti**

Deadline for manuscript  
submissions:

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### Message from the Guest Editors

Dear Colleagues,

Remote sensing has evolved significantly with the advent of the Internet of Things that has enabled fast and cheap acquisition of data from millions and billions of interconnected devices deployed across the globe. The IoT and the continuous data stemming from IoT has changed the traditional interpretation of remote sensing (including the ways we capture and extract knowledge from this data). IoT Remote Sensing provides the foundation to support the development of Digital Earth Twins that will create massive opportunities to address important environmental and societal challenges in areas such as agriculture, smart cities, geology, among others.

Potential topics of interest for this special issue (but not limited to) are:

- Opportunities and challenges in IoT Remote Sensing
- IoT Remote Sensing Applications, Use Cases, Real World Deployments
- Geospatial standards and data standards for IoT Remote Sensing
- Spatial data analytics
- Federated Learning for IoT Remote Sensing (across space, cloud, edge and devices)
- Mobile IoT Remote Sensing including UAVs
- Privacy and Security in IoT Remote Sensing
- Privacy-preserved data analytics for IoT Remote Sensing





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### Dr. Prasad S. Thenkabail

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Western Geographic Science  
Center (WGSC), 2255, N. Gemini  
Dr., Flagstaff, AZ 86001, USA

## Message from the Editor-in-Chief

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## Contact Us

*Remote Sensing* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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