## Special Issue

# Advances in Hyperspectral Remote Sensing Image Anomaly Detection

#### Message from the Guest Editors

Hyperspectral imaging technology, with its excellent spectral imaging technology, has become one of the core technologies in fields such as environmental monitoring and smart agriculture. In this technology, hyperspectral anomaly detection, as one of the core technologies of the Earth observation system, can detect anomaly targets that differ significantly from the surrounding spectral environment without prior spectral information. These anomaly targets may represent potential targets, environmental threats, or other critical information. This Special Issue focuses on cutting-edge technologies in hyperspectral anomaly detection, covering innovative algorithms, robustness methods, and practical application research. We encourage submissions that focus on the following challenges:

- Hyperspectral anomaly detection and tracking methods based on probability statistics, representation, and deep learning;
- Detection and tracking techniques for missing or scarce annotated data;
- Real-time or big data processing technology for spaceborne or unmanned aerial vehicles;
- Typical application technologies in agriculture, the environment, disaster emergencies, and other fields.

#### **Guest Editors**

Prof. Dr. Huixin Zhou

School of Physics, Xidian University, Xi'an 710051, China

Dr. Pei Xiang

School of Physics, Xidian University, Xi'an 710071, China

Dr. Chuan Fu

College of Computer Science, Chongqing University, Chongqing 400030, China

#### Deadline for manuscript submissions

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Remote Sensing Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 remotesensing@mdpi.com

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#### Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peerreview process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend Remote Sensing for your best research publications for a fast dissemination of your research.

#### Editor-in-Chief

#### Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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