

## Special Issue

# Recent Applications and Techniques of Hyperspectral Imaging in Remote Sensing

### Message from the Guest Editor

Hyperspectral imaging (HSI) has been regarded as an emerging and rapidly developing advanced technology, and its related research and development has also been widely used in various fields, such as agricultural food safety and inspection, land use, land cover

classification, ecological/environmental monitoring, and military defense. It is a pity that HSI in some areas is still in the early stages of development in this field, as people have not yet understood its applications.

The aim of this Special Issue is to focus on:

(1) Recent applications of HSI: smart agriculture including detection of diseases, crop growth monitoring, pest and disease identification, farming management, quality evaluation, smart manufacturing including defect detection and product grading, environmental monitoring including toxic wastes and water pollution, food safety including grading and inspection, forest and plantation including species classification etc.

(2) Techniques of HSI including algorithm design, architecture, and implementation: anomaly detection, target detection, band selection, dimensionality reduction, sparse representation, deep learning, image classification, hyperspectral unmixing etc.

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### Guest Editor

Dr. Shih-Yu Chen

Department of Computer Science and Information Engineering,  
National Yunlin University of Science and Technology, Douliu 64002,  
Taiwan

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### Deadline for manuscript submissions

closed (15 June 2023)



## Remote Sensing

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*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto: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 peer-review 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.

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### 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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