

## Special Issue

# Object Detection and Information Extraction Based on Remote Sensing Imagery (Second Edition)

### Message from the Guest Editors

We are launching the second Special Issue of *Remote Sensing* to be released under the title “Object Detection and Information Extraction Based on Remote Sensing Imagery”. Remote sensing technology has become a fundamental means by which humans might observe the Earth, and has driven progress in many applicative fields. However, the intelligent interpretation of remote sensing data poses unique challenges due to limited imaging capabilities, extremely high annotation costs, and insufficient multimodal data fusion. This Special Issue aims to present the latest advancements and emerging trends in the field of object detection and information extraction in remote sensing imagery. Specifically, the topics of interest include, but are not limited, to the following suggested themes:

- Object detection and tracking in remote sensing images/videos;
- Scene recognition, road extraction, and semantic segmentation;
- Anomaly detection and quality evaluation of remote sensing data;
- Multimodal remote sensing information extraction and fusion;
- Few/zero-shot learning in remote sensing data.

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### Guest Editors

Prof. Dr. Jie Feng

Prof. Dr. Gui-Song Xia

Prof. Dr. Xiangrong Zhang

Prof. Dr. Gong Cheng

Prof. Dr. Lichao Mou

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### Deadline for manuscript submissions

15 August 2025



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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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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## About the Journal

### 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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