

## Special Issue

# Image Processing from Aerial and Satellite Imagery

### Message from the Guest Editors

This Special Issue aims to bring together cutting-edge interdisciplinary research in image processing techniques, geospatial science, and technology tailored to these data sources. We invite submissions of original research articles, reviews, and innovative methodologies addressing, but not limited to, the following themes:

- Image enhancement and restoration: Novel approaches for improving the quality of aerial and satellite images
- Feature extraction and classification: Algorithms and methods for automated detection and classification of objects and phenomena in imagery.
- Machine learning and deep learning: Applications of machine learning and deep learning techniques for image analysis in remote sensing.
- Data fusion: Integration of multiple data sources, such as multispectral, hyperspectral, and LiDAR data, to enhance the information extracted from imagery.
- Time series analysis: Temporal analysis of aerial and satellite imagery.
- Applications: Applications of aerial and satellite imagery processing in fields like agriculture, forestry, urban planning, disaster monitoring, and environmental conservation.

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### Guest Editors

Prof. Dr. Eugene Levin

Prof. Dr. Roman Shults

Dr. Surya Prakash Tiwari

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### Deadline for manuscript submissions

closed (15 March 2025)



## Remote Sensing

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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

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