

## Special Issue

# Artificial Intelligence in Computational Remote Sensing

### Message from the Guest Editors

In this Special Issue, we emphasize innovative state-of-the-art computational intelligence techniques and algorithms, including deep learning architectures, transfer learning, model fusion and evolutionary learning as well as new and promising fields such as neuromorphic computing. Topics covered in this Special Issue:

- Advanced AI architectures for remote sensing information extraction;
- Conversion of classical RS models using AI;
- Transfer learning and cross-sensor learning;
- Model and data fusion;
- Service robotics systems (UAV, AGV) for safe and remote measuring, inspection, and monitoring;
- Advanced AI-based image feature extraction
- Neuromorphic computing;
- Evolutionary learning and metaheuristics.

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### Guest Editors

Dr. Alireza Taravat

Dr. Matthias P. Wagner

Dr. Andrei Velichko

Dr. Vasilios N. Katsikis

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### Deadline for manuscript submissions

closed (30 September 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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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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