

# Special Issue

## Hyperspectral Images Processing and Classification Using Artificial Intelligence (AI) Techniques

### Message from the Guest Editors

In this Special Issue, we try to provide a forum for the publication of articles describing the applications of artificial intelligence methods, including deep learning, metaheuristic optimization algorithms in the field of Hyperspectral imaging. The main goal of this Special Issue is to capture recent contributions of high-quality papers focusing on Hyperspectral imaging, including segmentations, noise reduction, classification and analysis. Therefore, we invite colleagues to contribute original research papers as well as review papers that focus on the Hyperspectral imaging analysis, using advance AI methods, such as deep learning approaches, and bio-inspired optimization algorithms. The topics of this Special Issue include (but are not limited to) the following: Hyperspectral images classification; Hyperspectral data visualization; Applications of hyperspectral imaging; Metaheuristic optimization algorithms for Hyperspectral imaging; Hyperspectral images segmentation; Hyperspectral imaging for earth observation; Hyperspectral imaging for agriculture

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### Guest Editors

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Dr. Mohamed Abd Elaziz  
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Dr. Laith Abualigah  
Dr. Xiongwu Xiao

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### Deadline for manuscript submissions

closed (30 November 2023)



# Remote Sensing

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CiteScore 8.6



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## About the Journal

### Message from the Editorial Board

*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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