

## Special Issue

# Adversarial Attacks and Defenses for Remote Sensing Data

### Message from the Guest Editors

To tackle this challenge and boost the development of secure AI algorithms in the remote sensing field, we would like to invite you to contribute to this Special Issue, which will gather new insights and contributions to the study of Adversarial Attacks and Defenses for Remote Sensing Data. Original research articles and reviews are welcome. Topics can be related but not limited to:

- Adversarial examples in hyperspectral/multispectral/RGB/LiDAR/synthetic aperture radar (SAR) data
- Adversarial attacks for scene classification, object detection, and semantic segmentation of remote sensing data
- Explainable adversarial examples in remote sensing data
- Black-box and white-box adversarial attacks
- Adversarial attacks in the physical world
- Advanced deep learning architectures with high resistance to adversarial examples
- Adversarial examples detection
- Adversarial defenses

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### Guest Editors

Dr. Yonghao Xu

Prof. Dr. Bo Du

Prof. Dr. Pedram Ghamisi

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### Deadline for manuscript submissions

closed (1 May 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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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

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