

Special Issue

Deep Learning in Environmental Remote Sensing: Challenges, Innovations, and Achievements

Message from the Guest Editors

This Special Issue aims to specify and summarize current challenges, innovations, and achievements in environmental remote sensing research. This type of research agenda is essential to facilitate efficient and interpretable deep learning in future studies. Additionally, it fits well with the journal scope of image processing and computer vision. Three important aspects will be covered: challenges, innovations, and achievements in deep learning in environmental remote sensing. Submissions to the Special Issue can thus be categorized as follows:

- Surveys and short communications that deal with a small aspect, such as a specific challenge or idea, without details about its implementation or verification.
- Original research articles that present novel solutions to existing challenges and provide details about their implementation and verification.
- Systematic review articles that collate studies in the literature and provide a comprehensive description of achievements. They should also specify current difficulties and discuss future research directions.

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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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