Special Issue

Deep Learning Innovations in Remote Sensing

Message from the Guest Editors

This Special Issue aims to highlight the latest developments, applications, and challenges of deep learning in the realm of remote sensing. This collection of articles seeks to bring together contributions from researchers around the globe to discuss innovations in network architectures, training methodologies, and data preprocessing techniques. We particularly encourage submissions that investigate applications in environmental, urban, or climate studies. Such investigations could delve into monitoring deforestation, assessing urban sprawl, predicting climate change impacts, and more. Furthermore, the issue will explore the integration of deep learning models with traditional methods, enhancing the accuracy and efficiency of remote sensing analyses. Challenges associated with data quality, computational costs, and model interpretability will also be addressed. By presenting state-of-the-art research and practical case studies, this Special Issue aims to serve as a valuable resource for scientists, engineers, and practitioners “dedicated to advancing the field of remote sensing through the power of deep learning.

Guest Editors

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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.

Editor-in-Chief

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