



Deep Learning Innovations in Remote Sensing

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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.





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Message from the Editor-in-Chief

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