



## Deep Learning and Computer Vision in Remote Sensing

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### Message from the Guest Editors

Dear Colleagues,

In the last few years, the field of computer vision has made huge progress in remote sensing. This success and progress is mostly due to the effectiveness of deep learning (DL) algorithms. In addition, the remote sensing community has shifted its attention to DL, and DL algorithms have achieved significant success in many image analysis tasks.

The aim of this Special Issue is to give the opportunity to explore the mentioned challenges in remote sensing using computer vision, deep learning, and artificial intelligence. Its scope is interdisciplinary, and it seeks collaborative contributions from academia and industrial experts in areas of deep learning, computer vision, data science, and remote sensing. Major topics of interest, by no means exclusive, are as follows:

- Deep learning and computer vision for RS problems
- Deep learning for RS image understanding, such as object detection, image classification, and semantic and instance segmentation
- Deep learning for RS scene understanding and classification
- Satellite images processing and analysis
- Transfer learning and machine learning for RS
- Applications





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## Message from the Editor-in-Chief

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