Computer Vision and Pattern Recognition for the Analysis of 2D/3D Remote Sensing Data in Geoscience (Second Edition)

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Message from the Guest Editors

Humanity has accumulated vast amounts of remote sensing data (2D and 3D) through satellite sensors, yet effectively processing and fully utilizing this information remains a challenge. The concept of computer vision involves enabling computer systems to extract meaningful information from images, videos, and other visual inputs and then taking action or providing recommendations based on this information. By combining computer vision with machine learning techniques, it becomes possible to deeply analyze scenes in remote sensing imagery, including geographical locations and thespatial distributions of objects and their relationships, significantly enhancing the accuracy and intelligence of data interpretation. Therefore, the integration of remote sensing data with computer vision is increasingly becoming a key issue in contemporary society.

The goal of this Special Issue is to collect papers (original research articles and review papers) to give insights about advances in imaging and sensing for analysis of 2D/3D remote sensing data in geoscience.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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