Special Issue

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

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.

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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