Special Issue

Advances in Remote Sensing Video Data Processing: Theories, Technologies and Applications

Message from the Guest Editors

Over the past few years, remote sensing video data have gained a lot of attention due to their ability to provide information about the dynamics of the Earth, opening the door for applications that go beyond the limits of static imaging. Video data can be collected using special sensors, e.g., visible light, multispectral, hyperspectral, infrared, lidar, radar, gas or radioactivity sensors, etc. Nevertheless, compared to images, dealing with remote sensing video is inevitably more challenging as it adds the temporal dimension that requires the development of more sophisticated solutions. Therefore, it is urgent for the academic and industrial communities to share the latest research findings on the theories, technologies and applications of remote sensing video data.

This Special Issue encourages scholars to publish research papers and review articles on the remote sensing mechanisms, sensors, detection, recognition, and interpretation technologies of video data, as well as their applications. Discussions on the challenges and limitations of remote sensing video data processing and how they can be addressed are also welcomed.

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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