Special Issue

Incorporating Knowledge-Infused Approaches in Remote Sensing

Message from the Guest Editors

Remote sensing is an integral part of many scientific applications, and demands new thoughts and techniques to be fully exploited. Deploying knowledge models in remote sensing data analysis has been at the center of attention for more than a decade. Various types of knowledge-driven methods have been applied in remote sensing image understanding, including object detection, segmentation, and classification. However, there is limited discussion on machine-readable knowledge and its incorporation in the remote sensing data analysis workflow. In the era of big data and machine learning, it is important to include explicit knowledge in data-intensive studies, which has huge potential to bring new thoughts and approaches in the field of remote sensing. As such, in recent years the topics of formal knowledge representation and knowledge-infused machine learning have been increasingly discussed among the remote sensing research community. This Special Issue calls for research articles presenting innovative methods or applications that infuse knowledge in remote sensing data processing. Review and perspective articles that offer insights on this field of research are also welcome.

Guest Editors

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Deadline for manuscript submissions

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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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