

Special Issue

Artificial Intelligence and Machine Learning with Applications in Remote Sensing (Third Edition)

Message from the Guest Editors

Recently, with the advancement of technology, there are more and more data with higher spectral, spatial and temporal resolutions obtained from active and passive sensors. In addition, the applications of remote sensing data in environmental, commercial and military fields are becoming more and more popular. This poses challenges to effectively and efficiently process big remote sensing data. In recent years, many useful feature mining algorithms, deep learning algorithms, and decision tree inspired algorithms for remote sensing data processing has drawn a lot of researchers and received unprecedented popularity. Even with so many works and algorithms have been devoted to this popular topic, there is still so much we can do about artificial intelligence, machine learning and deep learning. Therefore, this Special Issue of Remote Sensing aims to demonstrate state-of-the-art works in employing artificial intelligence machine learning and deep learning algorithms for effective and efficient remote sensing applications.

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.

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