Special Issue

Advances in Deep Learning in the Retrieval of Key Parameters of Agrometeorological Remote Sensing (Second Edition)

Message from the Guest Editors

Considering the potential and significance of deep learning in the fields of geology and agriculture, in order to promote the application of artificial intelligence, it is necessary to accelerate the deep integration of this technology with remote sensing, provide key technical support for meteorological forecasting, agricultural monitoring, and agricultural disaster prediction, and thus facilitate global disaster monitoring and food security. Therefore, the first volume of this Special Issue of *Remote Sensing* was published to explore the application of artificial intelligence methods for retrieving key remote sensing parameters in geology and agriculture. Topics for the second edition may cover a range of subjects, from the retrieval of surface temperature or soil moisture to atmospheric water vapor content and rainfall. Building on the success of the first volume, we are excited to invite original research and review articles that discuss the progress, challenges, and opportunities in the remote sensing of agrometeorological phenomena for publication in the second volume.

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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