Special Issue

Advances in Deep Learning in the Retrieval of Key Parameters of Agrometeorological Remote Sensing

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 in the fields of geology and agriculture, it is necessary to accelerate the deep integration of artificial intelligence and remote sensing technology, provide key technical support for meteorological forecasting, agricultural monitoring, and agricultural disaster prediction, and thus facilitate global disaster monitoring and food security.This Special Issue aims to study the application of artificial intelligence methods in the retrieval of remote sensing key parameters in geology and agriculture. Topics may address anything from the retrieval of surface temperature or soil moisture, to atmospheric water vapor content and rainfall in the atmosphere.

Articles may address, but are not limited, to the following topics:

- Surface Temperature
- Near-Surface Air Temperature
- Surface Emissivity
- Soil Moisture
- Vegetation Moisture Content
- Water Vapor Content
- Precipitation
- LAI
- Drought and Flood

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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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