Special Issue

Impacts of Climate Change and Weather Variability on Agricultural Production Observed by Remote-Sensing Techniques

Message from the Guest Editors

Agroecosystems are vulnerable to rapidly changing climate conditions. However, local survey and statistical data regarding agriculture are hard to identify for evaluating climate change's and extreme weather variability's impacts on crop growth and productivity. Remote-sensing techniques allow the prompt monitoring of spatiotemporal shifts in crop land uses and crop growth and development conditions. Remote sensing with various sensors on diverse platforms also generates big data, which poses sizable challenges in data processing, analysis, and assimilation for the practical application of such data in agricultural production. This Special Issue aims to assemble the latest research on scientific and practical approaches for exploring the impacts of climate change and weather variability using remote-sensing techniques. We welcome original research contributions, exhaustive reviews, remote-sensing methodologies, and relevant applications in diverse agricultural environments with the latest developments in agricultural technology.

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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