

Special Issue

Remote Sensing for Agriculture, Hydrology, and Ecosystems Response to Climatic Variability

Message from the Guest Editors

This Special Issue welcomes novel research, review, and opinion pieces covering all related topics, including climatic variability, climate change, extreme events, water resources, soil moisture, hydrology, ecosystems, agriculture, evapotranspiration, crop yield, drought, irrigation water management, case studies from the field, and policy positions. This Special Issue is inviting manuscripts on the following topics:

- RS-based ecosystem modeling;
- RS-based crop evapotranspiration modeling;
- RS-based agro-hydrological modeling;
- RS-based assessments of crop water productivity and crop yield;
- RS-based drought assessment modeling;
- RS-based optimization of irrigation water and crop planting pattern;
- RS-based impact assessment of irrigation practices on ecosystems and environment;
- Other topics related to RS-based hydrology and water resources modeling.

Guest Editors

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Deadline for manuscript submissions

closed (10 January 2024)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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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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