Special Issue

Advancing Watershed Studies Using Unmanned Aircraft Systems (UAS) in a Changing Climate

Message from the Guest Editor

Given current trends in climate variability, population growth, and urbanization, economic losses from drought are likely to continue and increase. One very effective way to mitigate some of these costs and potential catastrophic losses in irrigated agriculture may be to use the fast-moving technology. This Special Issue will allow authors to share practical experience, technology, and skillsets with the following objectives:
To improve drought forecast, monitoring, and outlook using big data;
To increase productivity in irrigated agriculture using remote sensing technologies (e.g., satellite, unmanned aerial system, unmanned ground system);
To promote pest management strategies associated with drought;
To advance irrigation technology with innovative solutions;
To demonstrate wireless sensor network integrated with Internet of Thing (IoT) and/or artificial intelligence (AI) for drought management;
To explore drought management alternatives working with stakeholders in a changing climate;
To discuss future digital farming practice in a changing global environment possibly induced by COVID-19.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editorial Board

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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