Special Issue

Applications of Remote Sensing and Machine Learning in Water Resources Management

Message from the Guest Editors

I cordially invite you to contribute to the Special Issue in the open access journal *Water*, entitled "Applications of Remote Sensing and Machine Learning in Water Resources Management". Water resources management addresses complex issues in the control of such resources available on Earth. Countries establish systems and regulations that oversee water for a variety of uses. When water resources are managed well, communities and governments benefit; if they are not, serious global consequences ensue. Adequate water resources management requires accurate assessment and prediction using advanced and effective techniques (e.g., machine learning, remote sensing, etc.). Thus, this Special Issue offers researchers the opportunity to share their achievements in the following topics using remote sensing and machine learning:

- Surface and groundwater interactions for watershed management;
- Advancement of watershed management modelling;
- Quantitative analysis of floods or droughts;

[...]

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/0MX8979401

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Deadline for manuscript submissions

closed (25 October 2024)

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About the Journal

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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