



water

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Regional Hydrology: Coupling Experiments, Ground Monitoring, Remote Sensing and Citizen Science

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Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

This Special Issue is looking for studies focusing on and examining the following topics:

- New supportive evidence from field experiments leading to better process understanding at the regional scale;
- Coupling data from remote sensing, radar meteorology, plot- and hillslope-scale experiments, tracer studies, citizen science, etc. with catchment models;
- Discovering regional patterns in hydrological processes and regimes on various temporal and spatial scales utilizing the new increased data availability;
- Confrontation of the adequacy of process representations in hydrological catchment models with knowledge gained from new types of data;
- Better process representations in hydrologic models in diverse environments and implications for more reliable predictions in gauged and ungauged basins, and the evaluation of the appropriateness of models for particular practical problems under changes in hydrological regimes of anthropogenic origin, including climate and land-use change impacts.



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Special Issue



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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.

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