Special Issue

Food Supply and Water Resources: An Agricultural-Hydrological Perspective

Message from the Guest Editor

In this Special Issue, the main focus is on precipitation that is stored as soil moisture and eventually transpired or evaporated. To substantially increase the productivity of precipitation water use in agriculture, detailed knowledge about farm management practices and related hydrological processes based on a scientifically sound methodological framework are necessary. The following three questions should be addressed by the authors: Which farm management practices within livestock and plant production have been identified to substantially raise rainwater productivity? Which quantitative water savings were achieved? Which methodological framework was used to assess the water savings? The aims of the Special Issue include:

- Publishing results on quantitative water savings achieved: results of experimental trials, farmer practices' monitoring, etc.;
- Publishing results on methodological frameworks used to assess the water savings achievable with farm management practices;
- Water savings considered at the application (plot/field/farm) level;
- Inclusion of an assessment of uncertainty, which is mandatory for each study.

Guest Editor

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST
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