# Special Issue

# Irrigation Management

### Message from the Guest Editor

Novel tools, such as the use of satellites and unmanned aerial vehicles, are being developed to improve plant health and production while improving water use efficiency and crop profitability. New agricultural systems and technologies that integrate phenomics are being used to enhance agricultural sustainability and develop cultivars adapted to salinity and drought. Urban growth and food demand have also imposed new challenges to find alternate water uses such as re-use water, saline water, and developing new production systems. Climate change has also motivated the development of biofuel production systems and the use of marginal waters and soils. Crop modeling is an excellent tool to explore new production systems, cropping systems, and explore environmental impacts and study water use efficiencies. Deficit irrigation is an excellent option in several areas with a limited water supply and increasing energy costs.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2020)

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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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