Special Issue

Drought and Extreme Events Caused by Climate Changes

Message from the Guest Editor

Extreme meteorological events deeply impact economies and societies. Weather-related disasters are already increasingly undermining economic growth and threatening human lives in populations around the world. The present Special Issue entitled “Drought and Extreme Events Caused by Climate Changes” aims to publish original research or review papers on identification, localization, attribution and measurement of extreme events caused by climate change and associated methodologies and techniques. The overall scope includes up-to-date developments on the current state of knowledge of theoretical, applied, observational and methodological studies in which novel approaches and strong results are presented and discussed. Specifically, the topics of this Special Issue include, but are not restricted to, the following:

- Drought and its relationship to climate change;
- Extreme event identification, localization and attribution;
- Artificial intelligence techniques applied to drought and extreme events;
- Extreme events in climate change and water cycle dynamics;
- Theoretical approaches for extreme event statistics in climate science.

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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