

Special Issue

Modeling and Monitoring Climate Extremes and Impacts on Natural-Human Systems

Message from the Guest Editors

This Special Issue aims to solicit original scientific contributions from the broader community related to climate and atmospheric sciences, hydrology, and remote sensing, on the following topics: (1) The variability of climate forcing and hydrological feedback; (2) the detection/attribution of extreme events, and impact assessment; (3) the modeling of interactions between nature and human society; and (4) remote sensing hydrology, and data-model integration. Studies that focus on modeling and/or monitoring behaviors as coupled natural-human systems against extreme climatic perturbation from multi-scale perspectives are particularly encouraged, but studies related to the general areas of climate and hydrological extremes, climate change and impact assessments, sustainability science, numerical model development, and the development of remote sensing algorithms are equally welcome.

Guest Editors

Prof. Dr. Hyungjun Kim

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Dr. John T. Reager

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Deadline for manuscript submissions

closed (30 June 2020)



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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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