

Special Issue

Using Large-Domain Hydrologic Modeling to Understand the Effects of Climate and Land Use on Water Availability

Message from the Guest Editor

Large-domain models are designed to characterize hydrologic conditions across large countries or continents (e.g., the United States or Europe). As models are developed and deployed, they are often tuned to characterize a particular aspect of the hydrologic cycle, be it floods, droughts, water quality, or water use. Whether simulating retrospectively or forecasting, these model applications seek to understand what new insights on the hydrologic system these large-extent models provide from a scientific and a management perspective.

In this special issue, we solicit papers exploring how these large-domain model applications can be used to understand the effects of climate and land use on water availability.

Guest Editor

Dr. William H. Farmer
US Geological Survey, Denver, CO, USA

Deadline for manuscript submissions

closed (10 September 2020)



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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR
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