Special Issue

Research of the Relationship between Climate Change and Runoff in Watershed Volume II

Message from the Guest Editor

Representative concentration pathway (RCP) scenarios, global climate models (GCM), and downscaling methods (SDs) are now being used for the determination of climate projections and future changes in the river hydrological regime. These different approaches to the preparation of climate input data and hydrological modeling of river runoff have affected the variability of runoff projections in river catchments. The evaluation of uncertainties associated with selected sources (RCP, GCM, SD, parameters of hydrological models, etc.) is necessary for more accurate projecting of runoff changes in the future. Currently, there is a particular lack of research related to river runoff projection assessment in ungauged river basins. Potential topics include, but are not limited to, the following:

- Relationship between climate and runoff projections in different river catchments;
- Variability in river runoff projections in time and space for different hydrological regions;
- Evaluation of uncertainty of runoff projections under a future climate;
- Assessment of river runoff projections in the ungauged river catchments.

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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