Special Issue

Impact of Climate on Hydrological Extremes

Message from the Guest Editors

High and low flows and associated floods and droughts are extreme hydrological phenomena caused by meteorological anomalies and modified by various catchment processes and human activities. They exert an increasing amount of damage to human, economic, and natural environmental systems in the world. In this context, global climate change along with local fluctuations may eventually trigger a disproportionate response in hydrological extremes. This Special Issue will focus upon observed extreme events in a recent past, how these extremes are linked to changing global/regional climate, and the manner in which they may shift in the coming years. Papers dealing with physical mechanisms underlying past, present and future climatic extremes, both from the observational and the modelling points of view would be particularly welcome.

Guest Editors

Prof. Dr. Salvatore Manfreda

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Prof. Dr. Andrea Gioia

Prof. Dr. Mauro Fiorentino

Prof. Krzysztof Kochanek

Deadline for manuscript submissions

closed (31 March 2018)

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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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