Special Issue

Effects of Oceanic-Atmospheric Oscillations on Rivers

Message from the Guest Editors

Under the influence of the changing climatic conditions caused by the varying intensity of macroscale types of circulation, a river regime may be destabilized and changed into another, sometimes with distinct regularities in the seasonality of high and low waters, thus disturbing the previously established hydro-ecological and water use conditions. Many naturally occurring ocean–atmosphere oscillations in the Pacific, Atlantic, and Indian oceans have been recognized and named. Some of them have a strong impact on climate and weather patterns in many regioms of the world. The phenomenon produces marked effects on the various physical processes that govern the surface hydrometeorology of the study area, mainly temperature, precipitation and streamflow. From both a scientific and a practical point of view it is important to investigate in such a way as to enable the identification of flood- and drought-generating processes and their possible linkages with [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Oceanic-Atmospheric_Oscillations_Rivers

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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

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