Special Issue

Application of the China Meteorological Assimilation Driving Datasets for the SWAT Model (CMADS) in East Asia

Message from the Guest Editors

China Meteorological Assimilation Driving Datasets for the SWAT model (CMADS) were developed and provided high resolution and quality meteorological data for the community. Over the past few years, the CMADS data set has received worldwide attention from applicants such as the USA, Germany, Russia, Italy, India, Korea, etc. This Special Issue on “CMADS in East Asia” invites papers that report recent advances in the modeling of water quality and quantity in watersheds using CMADS and the hydrological model on a wide range of topics. These include, but are not limited to, water resource modeling, hydrological ecology, water ecological footprint, non-point source pollution, meteorological verification, meteorological analysis, atmospheric and hydrological coupling, changes in water resources under climate change, optimal operational of reservoirs, water footprint assessment. We encourage submissions based on theoretical, computational and field studies that involve multiple hydrologic domains and interactions, as well as contributions that demonstrate novel applications.

Guest Editors

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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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