Special Issue

Flood and Drought Hazards under Extreme Climate

Message from the Guest Editors

Recently, evaluation of the potential future vulnerability and impact of climate change on water resources have been widely studied on the regional and global scale using the most recent CMIP6 climate data simulations. Studies on climate change impacts on extreme climate such as flood and drought are able to adapt and reduce their potential damages. The Intergovernmental Panel on Climate Change (IPCC) recently released a new climate simulation from The Coupled Model Intercomparison Project Phase 6 (CMIP6), which is an updated version of the general circulation model (GCM). This new CMIP6 GCM is expected to be an improvement of the projection of future climate. The CMIP6 has designed new scenarios called shared socioeconomic pathways (SSP) to include socioeconomic factors such as the growth of population, economics, urbanization, and other factors into climate simulation. This Special Issue aims to collect original studies and reviews as outcomes from CMIP6 climate datasets on water resources and extreme climate.

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Deadline for manuscript submissions

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Editor-in-Chief

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