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Flood and Drought Hazards under Extreme Climate

Guest Editors:

Dr. Oeurng Chantha
Faculty of Hydrology and Water Resources Engineering, Institute of Technology of Cambodia, Phnom Penh 12156, Cambodia

Dr. Try Sophal
Disaster Prevention Research Institute, Kyoto University, Kyoto 611-0011, Japan

Dr. Sok Ty
Institute of Technology of Cambodia, Faculty of Hydrology and Water Resources Engineering, Phnom Penh 12150, Cambodia

Deadline for manuscript submissions:
closed (15 April 2023)

Message from the Guest Editors

Dear Colleagues,

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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Editor-in-Chief

Dr. Timothy G. F. Kittel
Institute of Arctic and Alpine Research, University of Colorado Boulder, Boulder, CO 80309-0450, USA

Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of *Climate* is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

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Contact Us

Climate Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/climate
climate@mdpi.com
𝕏@climate_MDPI