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Climate Change and Variability Impacts on Agriculture and Water Resources Sectors

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Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

Dear Colleagues,

Climate-related extremes, including heatwaves, droughts, floods, and wildfires, have become more frequent and detrimental over the past decades, causing serious damages to agriculture and water resources. Furthermore, the increase in the frequency and intensity of extreme events is generally connected to climate change. A better understanding of the interdependency of climate, water, and food may be required to efficaciously reduce the adverse impacts of climate change and variability.

For this Special Issue of *Climate*, we welcome original and innovative research papers focusing on the impact of climate change on agricultural production and water resources and on climate-related risks for these sectors in the context of climate change. In addition, papers on a cross-sectoral approach for an efficacious adaptation to climate change are encouraged. We expect that this Special Issue will contribute to the enhancement of food and water security.

Dr. Jong Ahn Chun

Dr. Hen-I Lin

Dr. Daeha Kim

Guest Editors



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Special Issue



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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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