



climate



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Climate Change and Responses for Water and Environmental Security

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Message from the Guest Editors

Dear Colleagues,

Climate change impacts, adaptation, and vulnerability, as well as mitigation, are core thematic elements of the forthcoming IPCC's Sixth Assessment Report (AR6), with fresh water being among the principal areas of investigation.

The unpredictability of available water resources in various regions in the near future, the uncertainty of groundwater quality and quantity due to overexploitation, and the increase in extreme events, such as floods or hydrologic droughts, with direct impacts on water infrastructures and facilities and on ecosystems, are crucial issues not only for securing human life, but also for maintaining the associated environmental services.

This Special Issue will focus on the most recent developments/advances in climate change research regarding water resources in diverse areas and their applications. The Special issue is also concentrated on providing research with a focus on climate change adaptation/mitigation measures and actions satisfying future water demands and assessments of climate change impacts with regard to environmental protection.



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Special Issue