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## Rainfall Observation and Watershed Management for Adaptation to Climate Change

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### Message from the Guest Editors

Although adaptation measures to climate change have been developed at the national level, there are still gaps related to their implementation to local watershed management. The recent increased severity of water-related disasters may be related to changes in the spatial and temporal variation of precipitation. To implement adaptation measures to mitigate flood and drought disasters, a real-time combination of dense rain gauge networks and remote observation systems of precipitation is essential. The establishment of an online database system enabling public access to all long-term historical data would accelerate not only hydrometeorological studies but also various artificial intelligence applications.

The aim of this Special Issue is to gather both recent scientific research and application to society in terms of rainfall observation and watershed management as a measure of adaptation to climate change.



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# Special Issue



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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.

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