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## Water Management in Arid and Semi-arid Regions

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**Dr. Gonghuan Fang**

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### Message from the Guest Editors

Water is the most critical element constraining economic and social development and the ecological environment in arid zones. This Special Issue aims at the promotion of water resource management under climate change and anthropogenic pressures in arid and semi-arid regions. We welcome research/review papers dealing with the assessment of water resources and strategies and case studies focused on the engineering and technological measurement of water resource security, climate change adaptation and mitigation, water risk, the prediction of future water cycle and water resource trends, water–food–ecology synergistic development, drought and vulnerability. This Special Issue will serve as an invaluable reference for water resource management in arid and semi-arid regions, promoting the achievement of the UN Sustainable Development Goals.

Deadline for manuscript  
submissions:

**30 June 2024**



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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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