



Advances in Hydrologic and Water Resource Engineering

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Message from the Guest Editors

With the change in global climate and the urgently rising demand for the development of water resources, the world is facing the engineering problem of water resources development. Problems in the development of hydrology and water resources are important research topics at present, and for a long time in the future.

Hydrology and water resources engineering issues include the construction of various hydropower stations, water diversion engineering, water transfer engineering, ship lock engineering, canal engineering, ocean engineering, seawater desalination, etc. In the construction of these engineering structures it is necessary to consider the total amount of water resources, the structure of channel engineering, and the damage caused by the interaction between water and soil (rock), anti-wave engineering, geological disasters, etc. It also involves artificial materials such as concrete structure and configuration, monitoring theory and methodology, and numerical simulation.

This Special Issue will introduce new theories, technologies, methods, and solutions to various problems in the construction of hydrology and water resources engineering.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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