



Water Security and Sustainable Development of Aquatic Ecosystem in the Yangtze River Basin

Guest Editor:

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Deadline for manuscript submissions:

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Message from the Guest Editor

Dear Colleagues,

The world's large rivers and their basins are of great importance for providing indispensable services to support human well-being. The Yangtze River is called the mother river in China. Since the economic reform was initiated in 1979, remarkable economic growth has been associated with large campaigns of exploitation in the Yangtze River Basin. Under the impacts of climate change and land use and cover change, the Yangtze River Basin faces a series of challenges. These include the degradation of aquatic ecosystems and water quality such as eutrophication, biodiversity reduction, imbalance of river-lake system and increases in the frequencies of extreme floods or drought.

This Special Issue aims to publish high-quality studies on ecowater security and sustainable development in the Yangtze River basin under a changing environment, but not limited to any of the following topics in the Yangtze River Basin: recent problems of the eco-environment, water monitoring methods, trend simulation and modelling, governance in surface water and groundwater management, water environment and climate change, water governance models.





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