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# **Remote Sensing-Based Study on Surface Water Environment**

Guest Editors:

submissions:

### Message from the Guest Editors

Prof. Dr. Fei Zhang Water resources play an irreplaceable role in human survival and development. The deterioration of the water Dr. Xiaoping Wang environment caused by human activities and climate change has caused significant harm to human health. Dr. Chenfeng Wang Water environment monitoring is very important for Dr. Mou Leong Tan formulating security management measures for water resources. Therefore, the application of advanced technology and methods in water environment monitoring is a current focus of research. In recent years, remote Deadline for manuscript sensing (RS) has played an increasingly important role in closed (1 February 2024) surface water environment monitoring. Remote sensing covers a variety of applications, such as water storage, water quality, water level, hydrodynamics, flooding, and soil erosion. This has paved the way for an explosion in the use of remote sensing data, especially through the use of multisource remote sensing and novel modeling techniques. This Special Issue aims to present reviews and recent advances in research on the use of remote sensing and GIS in the water environment. Submitted manuscripts can be related to any use of remote sensing and/or GIS for[...]

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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 scientific domains and 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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