



GIS in Water Resource Management: Allocation, Contamination, and Ecosystem

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 March 2023)

Message from the Guest Editors

Dear Colleagues,

The aim of this special issue is to integrate the latest progress and achievements of theories, methods and techniques of GIS that is applied in water resource management.

- GIS-based monitoring and disposal of water resources management
- GIS based innovation of water pollution treatment technology
- GIS-based temporal and spatial evolution of water resources management
- GIS-based resources & environmental impact assessment of water resources management
- GIS-based socio-economic impact analysis of water resources management
- GIS-based conflict analysis of water resources management
- GIS-based non-/cooperative governance policies of water resources management
- GIS-based non-/cooperative management mechanisms of water resources management
- GIS-based assessment and optimization of water ecosystem services
- GIS-based planning and governance of ecological spatial pattern
- GIS-based construction and operation of ecological compensation mechanism
- Various GIS-based case studies





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Editor-in-Chief

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