

## Special Issue

# Water Management Strategies for Sustainable Ecosystems and Agriculture

### Message from the Guest Editors

Water management is crucial for maintaining sustainable ecosystems, especially in the face of climate change, population growth, and pollution. Implementing strategies for water resource management under anthropogenic interventions and/or extreme climate conditions through various conservation practices, such as adaptive best management practices and geoinformatics approaches (i.e., modeling, GIS, precision agriculture, artificial intelligence (AI) and remote sensing applications), is necessary to improve the sustainability and agricultural yields of ecosystems. Several strategies have been and continue to be developed by researchers globally to effectively address current water management problems. These strategies include integrated water resource management, sustainable agricultural practices, wetland restoration and preservation, eco-friendly urban planning, pollution control measures, education and community engagement, adaptive management, climate adaptation strategies, and so on. Implementing these strategies requires a commitment to sustainability and collaboration among all stakeholders.

### Guest Editors

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