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Field-Scale Monitoring for Water Resources and Ecosystems Management: From Drone to Satellite Imagery

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Deadline for manuscript submissions:
closed (20 July 2023)

Message from the Guest Editors

Dear Colleagues,

Riparian and Riverine vegetation is amongst the most impacting ecohydraulical and ecohydrological key factors in the management of water resources and both aquatic and terrestrial ecosystems, considerably affecting vegetated water systems almost worldwide. Drone- and satellite-based imagery of vegetated open channels and watersheds allow for site-specific riparian and riverine vegetation management, which is a highly efficient methodology that is beneficial to the environment and ecosystem services in both constructed and natural territories.

In this Special Issue, we invite the authors to submit their articles focusing on a wide overview of the most suitable drone- and satellite-based image processing methodologies for the field-scale monitoring of both natural and urban water bodies and watersheds, pointing out their huge potential in the management of vegetated water systems and natural resources and to reducing disaster risk.

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Message from the Editor-in-Chief

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