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Novel Advances in Aquatic Vegetation Monitoring in Ocean, Lakes and Rivers

Guest Editor:

Dr. Monica Rivas Casado
School of Water, Energy and Environment, Cranfield University, College Road, Cranfield MK430AL, UK

Deadline for manuscript submissions:
closed (31 March 2019)

Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to collate recent advances in remote sensing based methods applied to ocean, river and lake vegetation characterization, including submerged and emergent vegetation, floating-leaf and free-floating plants.

Sub-topics:

- Emerging technologies for vegetation mapping;
- Uncertainty and accuracy of remote sensing techniques for vegetation characterization;
- Comparison of existing methods for vegetation mapping and characterization;
- Up-scaling/down-scaling of vegetation mapping and characterization methods;
- Development of tools (analytical/interface) to report vegetation risk along rivers and catchments;
- Ecosystem science based applications of monitoring aquatic vegetation;
- Regulatory based applications of monitoring aquatic vegetation;
- Novel monitoring techniques to quantify vegetation changes over time;
- Optimization of monitoring/sampling programs for vegetation mapping, assessment and characterization;

Dr. Monica Rivas Casado
Guest Editor

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Special Issue

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Message from the Editorial Board

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