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Advanced Studies in Monitoring Inland Waters through Remote Sensing Techniques

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Both climate change and human activity impact the quantity and quality of inland waters, which significantly affect regional and global water and carbon cycles. Although some field monitoring has been carried out for typical inland water bodies, very little is known about large-scale changes in water quantity and quality in most inland water bodies. Through various remote sensing techniques and their combination with filed monitoring data, inversion models can be established to detect changes in inland water quantity and quality at different spatial and temporal scales, and to analyze the causes and mechanisms of these changes; these are key to further understanding changes in inland water bodies with regard to regional and global water and carbon cycles. This Special Issue invites authors to contribute research results on the mapping and monitoring of inland water quantity and quality, remote sensing spectral analysis and inversion models for inland waters, the laws of spatial and temporal variation in water quality, and analyses of water balance change and its causes.

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Message from the Editor-in-Chief

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