



Remote Sensing of Fluvial Systems

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Message from the Guest Editor

New advances in hydro-acoustic river mapping, an emerging form of remote sensing of fluvial systems, allows direct empirical measurement of flow from the site scale to the river corridor scale covering 100's of km. This approach should be linked to more traditional forms of aerial and satellite remote sensing of fluvial systems that have focused on assessment of channel bathymetry, widths, depths, slopes, plan form complexity, substrate composition, surface water temperatures and composition of riparian vegetation.

The focus of this special issue will be publishing studies that are striving to use and combine various forms remote sensing to measure flow and discharge in rivers to better enhance our understanding of rivers in light of climate change and environmental flow management.





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Message from the Editor-in-Chief

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