



## Remotely Monitoring Water, Sediment, and Carbon Transported in Rivers and Estuaries

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Deadline for manuscript submissions:

**closed (30 April 2024)**



### Message from the Guest Editors

Dear Colleagues,

Although remote sensing technology has been widely applied to monitor water environments in open oceans and lakes, its application in rivers that are relatively narrower is limited. In addition to satellite imagery, UAV aerial images could provide very high-resolution river observation information, and could be valuable for validating or assisting sediment inversion modeling. This Special Issue aims to publish studies about water, sediment, and carbon transport in rivers. Through this Special Issue, we hope more researchers will use remote sensing as an advanced/low-cost method to monitor riverine transport of water, sediment, and carbon in the future.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Remote sensing of sediment concentration and transportation in rivers;
- Remote sensing of river discharge;
- Remote Sensing of river carbon flux;
- Atmospheric correction of satellite data;
- Remote Sensing of water environment;
- Driving factors, reasons, and/or explanations;
- Other areas related to the topic.



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## Message from the Editorial Board

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