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## Fluvial Systems and River Geomorphology

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### Message from the Guest Editor

Fluvial drainage basins cover a significant portion of the Earth's surface, and fluvial processes are crucial for shaping terrestrial landscapes. Fluvial systems play a major role in sediment connectivity from upland areas to oceans, affecting water resources, stream ecology, natural hazards and ecosystem services for mankind. As rivers convey water, eroded sediments, solutes and nutrients from the uplands and continents to the oceans, they exert fundamental control over the shape of the Earth's surface. Accordingly, river systems are central to an understanding of the geomorphology of most terrestrial regions on the Earth.

In recent years, significant methodological and technological advances have provided the opportunity to study and quantify fluvial processes, fluvial landforms, and process–form interactions in great detail and high resolution across a wide range of different spatial and temporal scales.



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## Message from the Editor-in-Chief

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