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Fluvial Processes and Denudation

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Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editor

Fluvial processes and fluvial denudation, including both chemical and mechanical processes, are of high relevance for Earth surface and landscape development, as well as the fluvial transfer of solutes, nutrients, and sediments from headwater systems through the main stems of drainage basin systems to the World Ocean. Fluvial processes and fluvial denudation are controlled by a range of environmental drivers, and can be significantly affected by anthropogenic activities. A better understanding of the possible effects of the ongoing and accelerated environmental changes on present-day fluvial and denudational processes requires systematic and quantitative studies (including environmental monitoring) on the actual drivers of these processes. Only if we have an improved knowledge of the drivers and quantitative rates of contemporary fluvial and denudational processes, [...]

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Special Issue



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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

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