



Fluvial Hydrodynamics: Hydrodynamic and Sediment Transport

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 May 2022)

Message from the Guest Editor

Dear Colleagues,

The present issue wants to contribute to this field by presenting the most relevant advances in fundamental aspects of the erosion, entrainment into suspension, transport, and deposition of sediment in fluvial and coastal systems. Emphasis is given to three main aspects: the fundamentals of hydrodynamics and particle motion, the turbulence flow characteristics and the effects on sediment motion, and the links between sediment transport and morphology.

You are kindly invited to submit a manuscript in any aspect of theoretical analysis and/or experimental results on mechanisms of flow-sediment interaction, two-phase erosion (including the influences of geomorphic processes over a range of spatial and time scales), and on presenting new insights derived from simulating or modeling these interactions in experimental, field, or computational settings.

Dr. Donatella Termini

Guest Editor





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Message from the Editor-in-Chief

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