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Advances in River Hydraulic Characterization

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The characterization of river hydraulics is a very important to the definition of problems concerning flood models and the stability of banks. These aspects are closely related to the scale of observation of hydraulic phenomena. The latter has significant value both at the channel and basin scale. This coupling of scales is now possible thanks to modern LiDAR detection techniques, in which topographic surveys are predominant. This Special Issue aims to emphasize new numerical techniques in the field of hydraulic observations. This framework represents a new paradigm towards the development of computational procedures for the spatio-temporal scale representation of complex hydraulic phenomena.

Keywords: hydraulic characterization of rivers; channel and basin scales; scaling laws



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Special Issue



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