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Fluvial Hydraulics in the Presence of Vegetation in Channels

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Message from the Guest Editors

Vegetation patches and strips in riverbeds and riverbanks have a crucial effect in aquatic ecosystems. Vegetation patches and strips play an important role in transporting contaminants through changes in flow hydrodynamics. The interaction between flow and vegetation in channel should be considered in the projects of urban hydrology, stream restoration, and flood management. Enrichment and development of vegetation patches have numerous benefits for the environment, indicating that plants have a remarkable role in erosion control in addition to their ecological effects comparing to structural methods.

To date, scientists have conducted a large amount of cutting-edge research on all aspects of sediment transport and fluvial hydraulics in the presence of vegetation patches/strips in channels. So many research papers have been published to help researchers to continue to explore the subject in the right direction. The aim of this Special Issue is to seek research works that improve knowledge of sediment transport and fluvial process with the presence of vegetation/plants in channels.

For further reading, please visit the [*Special Issue website*](#)



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Special Issue



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Message from the Editor-in-Chief

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