

Special Issue

Green Infrastructure and Resilient Stream Ecosystems

Message from the Guest Editors

Stream ecosystems have been under increasing pressure of impairment of structure and function due to climate change, frequent extreme weather events, human disturbances, intensified land uses, and land transformations in watersheds and riparian areas at various spatiotemporal scales. To sustain the structure and function of stream ecosystems, enhancing the resilience of stream ecosystems is essential in stream management and restoration. One of promising approaches to enhance the resilience of stream ecosystems can be integrating green infrastructure with stream corridors in human occupied areas. This Special Issue highlights the relationships between green infrastructure and resilient stream ecosystems. We invite papers from a range of topics dealing with integrating green infrastructure and stream ecosystems.

The overall aim of this Special Issue is to advance our knowledge of how green infrastructure can be utilized in enhancing the resilience of steam ecosystems to respond to various increasing stressors.

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