

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 stream ecosystems to respond to various increasing stressors.

Guest Editors

Prof. Dr. Sang-Woo Lee

Department of Forestry and Landscape Architecture, Konkuk University, Seoul 05029, Republic of Korea

Dr. Christopher D. Ellis

Landscape Architecture Program, The University of Maryland, College Park, MD 20742, USA

Deadline for manuscript submissions

closed (29 February 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/76985

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)