

Special Issue

Flood Resilience in Urban and Rural Communities

Message from the Guest Editors

Floods are the most frequent type of natural disaster and are often caused by heavy rainfall, rapid snowmelt, or a storm surge from a tropical cyclone or tsunami in coastal areas. Flood resilience in urban and rural communities refers to the ability of cities and rural areas at community level to withstand, adapt to, and recover from flooding events. It is recognised as an important means of reducing the impact of floods, protecting the environment, and enhancing the overall well-being and sustainability of their residents. Flood resilience measures can include both structural and non-structural approaches. Structural measures involve the construction of physical infrastructure, such as flood walls, levees, and stormwater management systems, to control or redirect floodwaters. Non-structural measures focus on policies, regulations, planning practices, flood forecasting and warning, and disaster prevention, preparedness and response mechanisms that aim to minimize flood risks, improve emergency response systems, and promote sustainable land use.

Guest Editors

Dr. Tsunhua Yang

Department of Civil Engineering, National Yang Ming Chiao Tung University, Hsinchu City 300093, Taiwan

Dr. Tran Van Ty

Faculty of Water Resource Engineering, College of Engineering, Can Tho University, Can Tho 94115, Vietnam

Deadline for manuscript submissions

closed (20 May 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/179443

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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