

Special Issue

Enhancing Sustainability and Resiliency through Nature-Based Solutions

Message from the Guest Editors

Nature-based Solutions (NbS) design has been gaining traction globally as an approach that integrates elements of greenscape and bluescape to provide a more naturalized, sustainable, and resilient urban and peri-urban space and appears to have taken shape.

Despite the current popularity of NbS design, a number of research questions remain, and as such, we invite articles that address the following, or related, themes:

- How does NbS truly enhance resiliency and sustainability?
- How can we better integrate landscape architecture and engineering (or form and function) to optimize the benefits of NbS?
- What emerging numerical and visualization approaches are available to help design and planning teams better analyze and communicate NbS designs to decision-makers and the public?
- How can meaningful public consultation be incorporated into the NbS process?
- How does NbS design vary by climatic region?
- How can outcomes from NbS projects be empirically verified through existing and emerging (e.g., low-cost IoT sensors) approaches?
- What are the policy barriers to mainstreaming NbS designs?

Guest Editors

Dr. Kim Neil Irvine

Faculty of Architecture & Planning, Thammasat University, Bangkok, Pathum Thani, Thailand

Dr. Lloyd Hock Chye Chua

School of Engineering, Deakin University, Geelong, Australia

Prof. Dr. Niall Kirkwood

Harvard Graduate School of Design, Harvard University, Cambridge, MA 02138, USA

Deadline for manuscript submissions

closed (31 December 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/153974

Sustainability

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 6.8



[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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

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