

## Special Issue

# Modelling and Simulation of Human-Environment Interactions

### Message from the Guest Editor

We are pleased to announce the development of a Special Issue on “Modelling and Simulation of Human-Environment Interactions”. Computational models provide intelligent environmental decision support systems to understand how human decisions are shaped by, and contribute to changes in, the environment. The complexity of these systems is reflected by the abundance of open questions in modelling and simulation:

- At the *design* stage, we need to identify the right set of methods, deal with issues in the data, and efficiently work with the community.
- At the *implementation* stage, we need to create models that can perform simulations efficiently, integrate with other systems, or support a high level of interactivity with decision-makers.
- When *results* are generated, we need to account for uncertainty, analyze their output, and validate them depending on the social and environmental context of use.

---

### Guest Editor

Dr. Arika Ligmann-Zielinska

Department of Geography, Environment, and Spatial Sciences,  
Michigan State University, Geography Building, 673 Auditorium Rd, East  
Lansing, MI 48824, USA

---

### Deadline for manuscript submissions

closed (26 March 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8



[mdpi.com/si/40509](https://mdpi.com/si/40509)

*Sustainability*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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)