



## Targeting Environmental Challenges Using Interactive Visual Technology

Guest Editors:

**Prof. Dr. Masood Masoodian**

School of Arts, Design and  
Architecture, Aalto University,  
Espoo, Finland

[masood.masoodian@aalto.fi](mailto:masood.masoodian@aalto.fi)

**Prof. Dr. Thomas Rist**

Institute for Computer Science,  
University of Applied Sciences  
Augsburg, Augsburg, Germany

[Thomas.Rist@hs-augsburg.de](mailto:Thomas.Rist@hs-augsburg.de)

Deadline for manuscript  
submissions:

**31 December 2021**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the role of interactive visual technologies in targeting current and future environmental challenges. The emphasis is on the interactive and visual aspects of such technologies, which might be software applications, tools, visualizations, educational games, gamification, and other digital services in the private, public, or industrial sectors. The topics of interest include, but are not limited to, the design, development, deployment, and evaluation of interactive visual technologies for:

- Monitoring and visualization of different kinds of environmental and user data;
- Monitoring and detection of human behavior and activity patterns impacting environmental factors, both on the small-scale, individual level and on the large-scale, population level;
- Facilitating exploration, interpretation, comparison, explanation, and simulation modeling using different kinds of environmental and user data;
- Creating awareness, influencing choices, and encouraging environmentally conscious human behavior changes;
- Utilizing different kinds of environmental data to support related applications in other areas.





an Open Access Journal by MDPI

## 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

## 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.

## 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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

**Journal Rank:** [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

## Contact Us

---

*Sustainability*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[@Sus\\_MDPI](https://twitter.com/Sus_MDPI)