



## Considering Irreversibility in Transport Infrastructure Planning

Guest Editors:

### **Prof. Dr. Werner Rothengatter**

Department of Economics,  
Karlsruhe Institute of  
Technology, Germany

### **Prof. Dr. Yoshitsugu Hayashi**

Chubu Institute for Advanced  
Studies, Chubu University, 1200  
Matsumoto-Cho, Kasugai-City,  
Aichi 487-8501, Japan

Deadline for manuscript  
submissions:

**closed (31 January 2021)**

### **Message from the Guest Editors**

Considering irreversibility implies a fundamental change of planning and decision support into the following directions:

- integrated systems assessment supplementing project assessment,
- target-based planning and decision support,
- new methodologies for integrating very long-term and irreversible environmental and climate impacts,
- consideration of social and regional equity,
- integration of innovative options for mobility and logistics and necessary conditions for their sustainable application,
- urban and regional planning with a clear preference for non-motorized transport and for avoiding an over-concentration of population,
- changing working locations and conditions for reducing commuting,
- integration of complementary infrastructures, like regenerative power supply, communication and control technologies, charging and fueling facilities.





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. *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.

## 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, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

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