



## Energy Consumption Modeling of Innovative Technologies in Transportation Systems

Guest Editor:

**Dr. Chiara Fiori**

Department of Civil Engineering,  
University of Salerno, 132–84084  
Fisciano (SA), Italy  
cfiori@unisa.it

Deadline for manuscript  
submissions:

**30 November 2021**

### Message from the Guest Editor

Dear Colleagues,

The spread of new technologies (electric powertrains, autonomous driving, etc.) in private, public, and freight transport put the consolidated relationship between traffic and energy consumption/emissions at stake. In particular, the study of how intelligent transportation systems and technologies can contribute to alleviate energy consumptions and greenhouse gas emissions is of paramount importance. The identification of the main factors that can impact energy consumption is a key element to reduce road transport externalities on the environment and health.

Among the topics of interest are: smart and sustainable mobility; smart and sustainable logistics; traffic and energy consumption analysis, simulation, and optimization; intelligent transportation systems, carbon footprint evaluation, and well-to-wheels analysis.

For further reading, please visit the [Special Issue website](#).

Dr. Chiara Fiori  
*Guest Editor*





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)