

Special Issue

Energy Modeling and Energy Management of Transport Systems

Message from the Guest Editors

As a result of rapid industrialization and urbanization, most societies face significant challenges in terms of energy and environmental pollution. Researchers have been looking for effective methods to manage energy, with pollution and lack of energy being two of the biggest issues we face today. The intelligent transportation system is one of the most advanced approaches for managing and optimizing land, air, and sea transportation. Using the intelligent transportation system, we will be able to manage public transportation, manage and navigate suburban and urban fleets, manage and optimize traffic flow and smooth movement, monitor and control light and heavy transportation, plan, execute, and optimize in the best way possible. It will save fuel and help the environment in many ways. This Special Issue invites researchers to present their research for modeling in energy optimization and provide useful solutions for managing energy consumption in transportation systems, according to the approach of intelligent transportation systems. We encourage authors to submit their latest research and achievements based on modeling methods, including statistical and intelligent modeling.

Guest Editors

Dr. Giuseppe Piero Guido

Department of Civil Engineering, University of Calabria, 87036 Rende, Italy

Dr. Vittorio Astarita

Department of Civil Engineering, University of Calabria, Via Bucci, 87036 Rende, Italy

Deadline for manuscript submissions

closed (30 November 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/144137

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)