Special Issue

Intelligent Mobility in Smart Cities

Message from the Guest Editors

The following topics are under research:

- To measure the traffic streams, many sensors have been installed on the surface of the road, in smart cameras, smart phones or even vehicles;
- To model (future) traffic streams, a smart city can be simulated and used as a testbed for new routing algorithms and as a living lab environment;
- In many applications, car drivers and automated cars are modeled as agents, living in a virtual environment;
- Given the increasing dust pollution in urban regions, it can be expected that less polluting transport modalities will be used, such as electrical cars and bikes. New green areas must be designed, and green routes will be designed via green areas.;
- A smart city should be prepared for disasters. A disaster plan should be available, including an evacuation plan along disaster routes, and this in cooperation among particular city domains such as transportation, energy management, water and waste management, and others;
- In order to effectively decrease the negative impact of urbanization, municipalities shall use policies to address travel behavior in a way that shifts (in time and space) or even decreases travel demand.

Guest Editors

Prof. Leon Rothkrantz

Prof. Miroslav Svitek

Prof. Ondrej Pribyl

Deadline for manuscript submissions

closed (15 January 2022)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/68825

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

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)