Special Issue

Application of New Technology and New Ideas in Intelligent Transportation System

Message from the Guest Editors

The intelligent transportation system effectively integrates advanced information, communication, sensor, electronic control, and computer technology into transportation, service control, and vehicle manufacturing. This results in harmony and close cooperation between people, vehicles, and roads, thus improving transportation efficiency, easing traffic jams, reducing traffic accidents, and decreasing energy consumption and exhaust emissions. With the advancement of a new round of scientific and technological revolution and industrial transformation. some new technologies and ideas are emerging and being applied to intelligent transportation systems. To better grasp the current development trend of domestic and overseas intelligent transportation systems, promote the foundation research and technological innovation of intelligent transportation systems, and deepen the academic exchanges of intelligent transportation systems, we are organizing a Special Issue titled "Application of new technology and new ideas in intelligent transportation system".

Guest Editors

Dr. Weitiao Wu

School of Civil Engineering and Transportation, South China University of Technology, Guangzhou 510641, China

Dr. Shidong Liang

Business School, University of Shanghai for Science & Technology, Shanghai 200093, China

Deadline for manuscript submissions

closed (20 June 2025)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/176754

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

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



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 multidimensional 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)

