



Data Science and Machine Learning in Logistics and Transport

Guest Editors:

Dr. Marta Campos Ferreira

Department of Industrial
Engineering and Management,
University of Porto, Porto,
Portugal

**Prof. Dr. João Manuel R. S.
Tavares**

Faculdade de Engenharia,
Universidade do Porto, 4099-002
Porto, Portugal

Dr. Teresa Galvão Dias

Faculdade de Engenharia,
Universidade do Porto, Porto,
Portugal

Deadline for manuscript
submissions:

10 January 2025

Message from the Guest Editors

Dear Colleagues,

In recent years, there have been important societal, environmental and economic developments that have posed challenges to the logistics and transport sectors. In terms of logistics, there has been a generalized increase in demand and for faster deliveries, posing challenges to the management of deliveries in urban centers and to the capacity and resilience of supply chains.

All of this has been accompanied by a growing digitalization and sensorization of transport and cities that generate large amounts of data on a daily basis. This has led to a paradigm shift where logistics and transport management is increasingly relying on strong data analytics to respond to strategic, tactical and operational planning challenges. For this, data science and machine learning play key roles in extracting meaningful insights, understanding patterns and predicting future trends.

For more information on the Special Issue, please visit LINK

https://www.mdpi.com/journal/applsci/special_issues/4J381I0X6





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
appls@mdpi.com
[X@Appls](#)