



## Machine Learning for Traffic Modeling and Prediction

Guest Editors:

**Dr. Paulo Quaresma**

Algoritmi Research Center,  
Informatics Department,  
University of Évora, 7002-554  
Évora, Portugal

**Prof. Dr. Vítor Nogueira**

Informatics Department,  
University of Évora, 7002-554  
Évora, Portugal

**Prof. Dr. José Saias**

Informatics Department,  
University of Évora, 7002-554  
Évora, Portugal

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editors

Dear Colleagues,

Traffic, and in particular traffic accidents, is a matter of high importance. This is due not only to the economic factor but also related to its social, environmental, and even health impact. There is a vast amount of research that applies Artificial Intelligence (AI) approaches, or more specifically, Machine Learning (ML), to deal with traffic-related problems. Recently, AI/ML has been used in modelling and predicting traffic-related subjects such as accidents, speed, flow, and status. There is also work in ML for traffic control, management, and even in traffic-related pollution.

Dr. Paulo Quaresma  
Prof. Dr. Vítor Nogueira  
Prof. Dr. José Saias  
*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Paolo Bellavista**

Department of Computer Science  
& Engineering (DISI), University of  
Bologna, 40136 Bologna, Italy

## Message from the Editor-in-Chief

You are invited to contribute a research article, a comprehensive review or a software paper for consideration and publication in *Computers* (ISSN 2073-431X). *Computers* is an international, peer-reviewed, open access journal which provides an advanced forum for computer sciences. *Computers* is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

## Author Benefits

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

**High Visibility:** indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.

**Journal Rank:** CiteScore - Q2 (*Computer Networks and Communications*)

## Contact Us

*Computers* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/computers](http://mdpi.com/journal/computers)  
[computers@mdpi.com](mailto:computers@mdpi.com)  
[X@Computers\\_MDPI](https://twitter.com/Computers_MDPI)