## Special Issue

# Solutions for the Infrastructure and Transport of Smart City 4.0

#### Message from the Guest Editor

The aim of the Smart City is to find the right solutions to improve the comfort and safety of living in cities while reducing its expenses. Improving the living standard of residents and increasing their participation in making important decisions requires the ability to specify their current and future needs, as well as flexible adaptation of the city development strategy to the constantly changing external and internal conditions. Smart cities base their strategy on the use of information and communication technologies (ICT). Modern ICT tools enable data collection, e.g., on the current state of resources and problems of the city and sharing these data in real time. Therefore, the study summarizes the latest solutions of research teams concerning new functions of buildings, urban spaces as well as new materials and transport technologies, taking into account contemporary and forecasted needs of users. This study presents the developed technical and technological solutions for the creation and modeling of Smart City 4.0 infrastructure in various regions around the world. The presented solutions have utilitarian values and are characteristic of a given region or city.

#### **Guest Editor**

Prof. Dr. Bożena Szczucka-Lasota

Department of Road Transport, Faculty of Transport and Aviation Engineering, Silesian University of Technology, Krasińskiego 8, 40-019 Katowice, Poland

#### Deadline for manuscript submissions

closed (15 August 2022)



#### Infrastructures

an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 5.2



mdpi.com/si/65406

Infrastructures
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
infrastructures@mdpi.com

mdpi.com/journal/infrastructures





#### Infrastructures

an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 5.2



### **About the Journal**

#### Message from the Editor-in-Chief

You are invited to contribute a research article, review or short communication for consideration and publication in *Infrastructures* (ISSN 2412-3811). There is no restriction on the length of the papers. *Infrastructures* is published in open access format. The scientific community and general public have unlimited free access to the content as soon as it is published. *Infrastructures* is supported by the authors by the payment of article processing charges for accepted manuscripts. Please consider *Infrastructures* as an exceptional opportunity to publish your work.

#### Editor-in-Chief

#### Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

#### **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), Inspec, and other databases.

#### **Journal Rank:**

JCR - Q2 (Engineering, Civil) / CiteScore - Q1 (Building and Construction)

