



an Open Access Journal by MDPI

# **Sustainable Smart Construction Materials**

Guest Editors:

# Dr. Muhammad Usman

National University of Science and Technology (NUST), Islamabad, Pakistan

#### Dr. Asad Hanif

Civil and Environmental Engineering Department, King Fahd University of Petroleum and Minerals (KFUPM), Dhahran 31261, Saudi Arabia

Deadline for manuscript submissions: closed (31 December 2020)

## Message from the Guest Editors

Dear Colleagues,

The depletion of natural resources, increase in greenhouse gas emissions, and rapidly growing challenges of industrial and construction waste management represent the major issues of urbanization. Developed countries are even stepping ahead by focusing and working with modern techniques and advancements. These techniques involve 'green' construction materials, zero energy buildings, durable infrastructures, and smart building materials. These advanced explorations also incorporate self-sensing and self-healing materials. Today, the ultimate objective of progressing towards smart cities involves the evolution of research in sustainable smart construction materials, which is the need of the hour.

We encourage high-quality, original submissions of innovative research providing significant contributions to the theory and practice of sustainable and smart materials for the construction of building structures that are more efficient, resilient, cost-effective, and sustainable.

Dr. Muhammad Usman Dr. Asad Hanif *Guest Editors* 









an Open Access Journal by MDPI

# **Editor-in-Chief**

#### Prof. Dr. Pierluigi Siano

Department of Management and Innovation Systems, University of Salerno, 84084 Salerno, Italy

### Message from the Editor-in-Chief

*Smart Cities* provides an advanced forum for the dissemination of information on the science and technology of smart cities. It publishes reviews, regular research papers (articles) and communications in all areas of research concerning smart cities. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers so that the full experimental results can be reproduced. Manuscripts regarding research proposals and research ideas are particularly welcome.

# **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, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Urban Studies)

## **Contact Us**

*Smart Cities* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/smartcities cities@mdpi.com