Section Collection

Smart City Application Platforms

🕐 **Deadline: 30 November 2023**

Section Editors:

Assoc. Prof. Hamed Khatibi

The University of Auckland

h.khatibi@auckland.ac.nz

Dr. Walid El-Shafai

Menoufia University

eng.waled.elshafai@gmail.com

Assoc. Prof. Shweta Rathi

Visvesvaraya National Institute of Technology

shwetanabira12345@rediffmail.com

Prof. Mohamed Mostafa Hassan Mostafa

University of KwaZulu-Natal

mostafam@ukzn.ac.za

Dear colleagues,

As cities continue to grow and evolve, it is increasingly important to consider the individual components that constitute a smart city. Every aspect of a city, including its construction, water management, waste disposal, governance, transportation systems, and energy grids, has the potential to contribute to a city's overall intelligence and efficiency. Therefore, a section dedicated to evaluating and assessing these smart components and their contributions to making a city smart is proposed.

The proposed section aims to invite scholars and interested parties to submit research manuscripts that explore the various dimensions of smart cities, focusing on the individual parts that make up a whole. Research topics may include, but are not limited to:

The role of smart construction in promoting sustainable building practices;
The impact of smart water management on water conservation and quality;
The use of smart waste management to reduce waste generation and disposal;
The role of smart governance in ensuring citizen participation and data privacy;
Smart community engagement;
Smart security.

By examining these individual components, a better understanding can be gained of how they work together to create a truly smart city. Moreover, by publishing research in this section, collaboration and innovation among scholars and practitioners who are working to make cities more intelligent and sustainable can be fostered.

In addition to research manuscripts, the proposed section may also feature reviews of new technologies and innovations that are shaping the future of smart cities. By highlighting these new developments, cities can stay at the forefront of innovation and ensure that they are able to adapt to changing circumstances and challenges.