Special Issue

AI-Powered Smart Cities: Towards Sustainable Urban Environments

Message from the Guest Editor

A city can be seen as a dynamic complex system that amalgamates technical and human components. Many experts have advocated for treating artificial intelligence as the cornerstone not only for planning, monitoring, and managing cities but also for solving urban problems. This Special Issue will analyze and examine practical implementations of the following:

- AI for urban planning;
- AI for mobility, the transportation of people and freight;
- AI for street repairs and maintenance of engineering networks;
- AI for fighting against pollution (air, water, noise, etc.);
- AI for waste management, collection and recycling;
- AI for designing carbon-neutral precincts;
- AI for green spaces;
- AI for social services organization;
- AI for emergency and public health organization;
- Gen-AI for municipal administration;
- AI for fighting against criminality and cyber-criminality;
- AI for disaster management, mitigation and preparedness.

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Message from the Editor-in-Chief

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