Special Issue

Smart City Environmental Monitoring Systems

Message from the Guest Editors

Environmental sustainability and smart city development have become hot topics in recent years, and these missions have been explicitly campaigned in the United Nation's Sustainable Development Goals (e.g., SDG3, SDG7, SDG11, and SDG13). The SDGs aim to promote sustainable and healthy living environments and alleviate environmental risks induced by climate change, urban air pollution, and associated human factors. This Special Issue aims to publish visionary papers on the latest advancement of technologies in environmental monitoring, environmental data analysis, and delivery of associated information to the general public.

Keyword Smart and Sustainable Community; Community-based Environmental Monitoring Network; Citizen Science; Microsensor Technology and Development; Field Experiments in Environmental Discipline; Internet of Things (IoT); Machine Learning and Data Assimilation; Artificial Intelligence and Big Data Analytics; Environmental Remote Sensing; Environmental Informatics and Modelling; Environmental Data Openness and Coordination; Data-driven Solutions for Environmental Sustainability; Transportation Monitoring; City Mobility

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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