

Integrating GIS and Internet of Things (IoT) in Sustainable Cities

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Deadline for manuscript
submissions:

closed (20 August 2021)

Message from the Guest Editors

Dear Colleagues,

Sustainable cities are key to addressing the global challenges of urbanization, including population growth, energy efficiency, food security, waste management, and transportation planning. The integration of geographic information systems (GIS) and the Internet of things (IoT) provides a powerful framework for designing smart, secure, and sustainable cities. Information and communication technologies (ICT), mobile devices, and location-aware sensors that are integrated in IoT networks enable person-to-object and object-to-object communication (Liu 2018).

As to exchange the latest innovations and developments in the integration of GIS and IoT for sustainable cities. We encourage submissions from perspectives of the thing (e.g., the state-of-art in sensors network and integration), the semantic (e.g., representing, storing, sharing, interconnecting, searching, and organizing (geo)information generated by the IoT), and the solutions (e.g., smart and connected communities, citizen science, ecological, and agricultural applications).



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