

Special Issue

Sustainable Artificial Intelligence in Mobile Environment Sensing and Localization

Message from the Guest Editors

Currently, with the growing requirements of mobile environment sensing, navigation, and localization, how to intelligently process and integrate multi-source data provided by different sensing and positioning sources is critical for existing smart city applications and fundamental infrastructures. Apart from improving the sustainable performance of urban navigation and positioning in signal-challenging scenes, environment sensing and mapping—i.e., indoors, tunnels, underground, etc. Advanced fusion technologies sustainability on various MEMS sensors and other mobile sensing devices are key to supporting sensing and localization in complex urban environments. Besides, data-driven and AI-driven based mobile sensing and localization framework is also prospective solution. This Special Issue aims to provide a platform for researchers to publish innovative work on advanced mobile sensing and localization technology sustainability under challenging or signal-denied urban environments using either the AI-driven or filter and graph-based approaches. We look forward to receiving your contributions.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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