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Sustainable Artificial Intelligence in Mobile Environment Sensing and Localization

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Deadline for manuscript submissions:
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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.

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Editor-in-Chief

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Message from the Editor-in-Chief

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