

Special Issue

AI-Aided Intelligent Vehicle Positioning in Urban Areas

Message from the Guest Editors

This Special Issue aims to explore the application of AI-driven methodologies to address these challenges and advance intelligent vehicle positioning in urban areas.

We invite contributions that focus on leveraging AI technologies to overcome the limitations of traditional approaches and enhance positioning accuracy, even in the most challenging urban environments. Topics of interest include, but are not limited to, the following:

- AI-driven algorithms for vehicle positioning and navigation.
- Integration of AI with GNSS, high-definition mapping, and sensor fusion technologies.
- Applications of AI in autonomous driving and smart city infrastructure.
- Case studies showcasing practical implementations of AI-aided positioning systems in urban environments.

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Deadline for manuscript submissions

20 September 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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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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