

## Special Issue

# High Precision Positioning for Intelligent Transportation System

### Message from the Guest Editors

Intelligent transportation systems play an important role in the sustainable development of the world economy. In the era of autonomous driving, intelligent transportation systems will see disruptive transformation and enable smart mobility. This Special Issue aims to highlight advances in all aspects of high-precision positioning in intelligent transportation systems for different objects, including land vehicles, pedestrians, unmanned aerial vehicles (UAVs), underwater vehicles, considering GNSS signals, ground signals, and their combinations. Up-to-date reviews and original works are both accepted in this issue. Topics include but are not limited to:

- Multi-GNSS receivers and emerging navigation satellite systems;
- Design, prototyping, and testing of positioning devices;
- Detection and mitigation techniques for adverse propagation conditions;
- 5G Positioning;
- Multisensor fusion;
- Cooperative localization;
- LiDAR Odometry;
- Visual Odometry;
- Simultaneous localization and mapping;
- Positioning with HD maps.

---

### Guest Editors

Dr. Suhua Tang  
Dr. Li-Ta Hsu  
Prof. Dr. Nobuaki Kubo

---

### Deadline for manuscript submissions

closed (31 March 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/57162](https://mdpi.com/si/57162)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



# About the Journal

## 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

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

---

## Author Benefits

### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)