



Advances in GNSS Navigation Processing

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Message from the Guest Editor

The Global Navigation Satellite System (GNSS) positioning has attracted a great amount of research interest. Examples of GNSS include the USA's NAVSTAR Global Positioning System (GPS), Europe's Galileo, Russia's GLONASS, and China's BeiDou Navigation Satellite System. The performance of GNSS has four criteria: accuracy, integrity, continuity, and availability.

Potential topics include but are not strictly limited to:

- Adaptive and nonlinear estimation/filtering for GNSS navigation;
- Robust estimation/filtering for GNSS navigation;
- Artificial intelligence/machine learning in GNSS navigation;
- Navigation in GNSS challenged environments;
- GNSS integrity and assurance;
- Multipath mitigation;
- GNSS interference, jamming, and spoofing;
- Multisensor integration and sensor fusion;
- Precise GNSS positioning;
- Attitude determination;
- Ubiquitous positioning and seamless navigation.





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Message from the Editor-in-Chief

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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