# Special Issue

# Advancing Positioning, Navigation, and Timing (PNT) Service Using Satellite Navigation Technology

## Message from the Guest Editors

This Special Issue is dedicated to exploring the wide-ranging PNT technologies based on satellite navigation. We invite original research articles and reviews that delve into various aspects, including but not limited to constellations, signals, orbit determination, PNT theory, algorithms, models, and their applications in engineering and Earth sciences, as well as multi-sensor integration. Topics of interest for this Special Issue include, but are not limited to:

- Integrated PNT;
- Resilient PNT;
- Micro PNT Technology;
- Secure PNT;
- GNSS PPP and PPP-RTK;
- GNSS Timing;
- GNSS Orbiting Determination and Modeling;
- GNSS Atmospheric Sensing;
- GNSS Ionosphere and Space Weather;
- Integrated Navigation and Smart Applications;
- Satellite Navigation countermeasure;
- Future LEO-PNT Systems;
- Broadband PNT Constellations (Signal of Opportunity);
- LEO Precise Orbit Determination (POD).

## Guest Editors

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Dr. Yulong Ge

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## Deadline for manuscript submissions

closed (15 November 2025)

# Remote Sensing

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**Impact Factor 4.1
CiteScore 8.6**

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### Message from the Editorial Board

*Remote Sensing* is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

### Editors-in-Chief

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