Special Issue

Space Geodesy and Time Transfer: From Satellite to Science

Message from the Guest Editors

This Special Issue aims to include studies covering different aspects related to the combination of space geodetic techniques and time metrology, including but not limited to the following: the analysis of combinations at different levels; studies of systematic errors in various space geodetic techniques; the use of ties, particularly the common clock; the verification of relativity with satellites; the use of the theory of relativity in studies related to the future determination of gravitational potentials with optical clocks; time synchronization; the development of new types of clocks for use on the ground and in space; and satellite missions related to time, among others. Articles may also address the following topics:

- Reference frames;
- Systematic errors in space geodetic techniques;
- Importance of collocation (space and ground) in space geodesy (clocks, ties, troposphere), specifically common analysis and instrumentation;
- Comparison of time transfer methods;
- Relativistic geodesy;
- Definition of time scales in space;
- Current, future, and proposed satellite geodesy missions;
- Synergy between optical time synchronization, ranging, and data transfer.

Guest Editors

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Message from the Editor-in-Chief

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.

Editor-in-Chief

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