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Advanced Remote Sensing Technology in Geodesy, Surveying and Mapping

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Deadline for manuscript submissions:

closed (14 September 2024)

Message from the Guest Editors

The main aim of this Special Issue is to highlight the latest developments in GNSS, recent advances in positioning algorithms methods and integration of positioning technologies/sensors and Earth observation data for various geodetic, surveying, and mapping applications.

The potential topics include, but are not limited to, the following:

- Geodetic, Surveying, and Mapping Concepts and Applications;
- Technologies and Sensors for Terrestrial, Aerial, and Maritime Positioning (GNSS, TPS, TLS, ALS, photogrammetry, IMU);
- GNSS data-processing methods and algorithms (static, kinematic, GNSS networks, RTK-GNSS, challenging conditions, low-cost GNSS receivers, smartphones, GNSS interference—jamming and spoofing);
- Hybridization of GNSS, TPS, TLS, ALS, IMU, Earth observation data;
- Fusion of georeferenced spatial models and Earth observation data;
- Integration of GNSS and InSAR processing;
- Time series processing and application.



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Special Issue



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Message from the Editorial Board

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