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Satellite Altimetry: Technology and Application in Geodesy

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Message from the Guest Editors

Dear Colleagues,

Radar satellite altimetry has made substantial impacts in geodesy, as well as in geophysics, oceanography, glaciology, and climate monitoring, over the last three decades. This Special Issue will present reviews and recent advances of general or specific interest in the use of radar altimetry in geodesy. Authors are invited to submit manuscripts related to any aspect of radar altimetry technique or geodetic applications, including the following:

- Marine geoid/bathymetry modeling (all aspects including the theoretical and methodological issues, modeling results, and applications);
- Plate tectonic monitoring and related research issues;
- Applied studies that utilize the altimeter data;
- Satellite altimeter data related to the vertical height system issues;
- The application of coastal altimeter data;
- The application of SAR, SARin, and Ka-band altimetry;
- Improvements expected from the missions to be launched soon (e.g., Sentinel-6).

