



Processing of Bi-static, Geo-Synchronous and Multi-Satellite SAR Constellation Data

Guest Editors:

Prof. Dr. Robert Wang

Prof. Dr. Timo Balz

Prof. Dr. Cheng Hu

Prof. Dr. Fabio Rocca

Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

Synthetic aperture radar (SAR) remote sensing has undergone a tremendous development in recent years. Recently, the trend in sensor development is moving towards constellations of sensors, as well as bi-static missions and smaller companion satellites, to extend the existing missions toward bi-static capabilities. The tremendous success of the TanDEM mission can be seen as the spark lightning the growing interest in bi-static mission concepts. Additionally, geo-synchronous missions will offer unique temporal resolutions, and are also in an early development stage.

We would like to invite you to submit articles about your recent research, with respect to the following topics:

- Bi-/multi-static SAR processing
- Applications for bi-static SAR processing and DEM production
- Geo-synchronous concept and processing
- Bi-/multi-static and geosynchronous SAR missions
- Mono-static pursuit data SAR processing and applications

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Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
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Western Geographic Science
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Dr., Flagstaff, AZ 86001, USA

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Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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