

## Special Issue

# Ten Years of TerraSAR-X— Scientific Results

### Message from the Guest Editors

In the year 2017 we are looking back on 10 years of reliable TerraSAR-X operations. This X-band synthetic aperture radar (SAR) satellite offered for the first time very-high-resolution radar imagery from space with extreme geometric accuracy on the centimeter level, outstanding interferometric capabilities, different polarizations, and experimental imaging modes such as an along-track interferometry mode (ATI), a quad-pol mode, and recently a starring spotlight and a wide ScanSAR mode. In this call for a special issue “Ten Years of TerraSAR-X – Scientific Results”, we expect contributions on new scientific results covering methods and applications as well as overview papers on topics such as

- high-resolution deformation measurements,
- urban tomography,
- urban mapping applications,
- geodetic applications
- cryosphere applications,
- agriculture and forestry,
- ocean applications,
- and others.

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### Guest Editors

Prof. Dr. Michael Eineder

Mr. Achim Roth

Prof. Dr. Alberto Moreira

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### Deadline for manuscript submissions

closed (30 April 2018)



## Remote Sensing

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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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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