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Ten Years of TerraSAR-X—Scientific Results

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submissions:

closed (30 April 2018)

Message from the Guest Editors

Dear Colleagues,

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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Special Issue



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Message from the Editorial Board

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