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SAR for Forest Mapping

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Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editors

As a vital natural resource, forests are of extreme importance for all living beings on our planet. We would like to dedicate this Special Issue to documenting SAR-based methods for forest mapping on Forest Ecosystem, forest degradation, forests resources. Well-prepared, unpublished submissions that address one or more of the following topics are solicited:

- New methods and concepts for the quantitative assessment of forest biomass;
- Combination of complementary SAR imaging methods (tomography, polarimetry, interferometry) to define novel approaches, concepts, and applications for forest mapping and monitoring;
- Feasibility studies with new sensors, ranging from drones to spaceborne SAR systems, and their applications to forestry;
- Combined use of multifrequency SAR imaging for forest applications;
- Comparison and benchmarking studies using various sensors and/or processing methods for forestry;
- New approaches for the detection of forest changes;
- Potentials of artificial intelligence-based methods for forest information retrieval;
- Novel methodologies considering the fusion of SAR data with data from other sources.



mdpi.com/si/33972



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Editor-in-Chief

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Message from the Editor-in-Chief

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Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

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