

CALL FOR PAPERS — *PE&RS* SPECIAL ISSUE

Photogrammetric Engineering & Remote Sensing (PE&RS) Special Issue

“Advances in SAR Data Analysis: Methods and Applications for Earth Observation”

Scope and Topical Areas

This Special Issue seeks high-quality contributions presenting the latest advances in **Synthetic Aperture Radar (SAR) data analysis for Earth Observation (EO)**. We welcome original research and comprehensive reviews that highlight theoretical innovations, methodological breakthroughs, and multidisciplinary applications.

Key areas of interest include, but are not limited to:

- Advanced SAR data processing techniques and algorithms
- Time-series SAR methods for long-term Earth monitoring
- Novel SAR missions, sensors, and global datasets
- AI-driven SAR interpretation and intelligent analytics
- SAR for natural hazards, disaster response, and resilience
- Urban, infrastructure, and socio-economic applications
- Climate and environmental change studies using SAR
- Cross-disciplinary synergies and integration with digital twins & big data platforms
- Uncertainty quantification, validation, and standardization of SAR products

Submissions should emphasize scientific rigor, technological novelty, and real-world impact, particularly in addressing global challenges such as climate change and sustainable development. Both research articles and review papers are encouraged.

Important Dates

Submission deadline: August 31, 2026

Submissions will be accepted until August 31, 2026. Please submit your manuscript at <https://www.editorialmanager.com/asprs-pers/> and select “Advances in SAR Data Analysis for Earth Observation” during your submission.

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