



Journal of Sensors

Special Issue on  
**Applications of Polarimetric SAR**

# CALL FOR PAPERS

Polarimetric SAR plays an important role in radar remote sensing. With a polarimetric SAR system, we can obtain much more information than conventional SAR systems (i.e., single polarized SAR systems). Up to now, various airborne and spaceborne polarimetric SAR systems have been developed, such as AirSAR, PI-SAR-1/2, E/F-SAR, CV-580 SAR, SIR-C/X-SAR, ALOS-PALSAR, Radarsat-2, and TerraSAR. They have measured a huge mass of fully polarimetric data. Now polarimetric SAR has many applications in many fields, including agriculture, ocean, forest, geology, hydrology, topography, environmentology, and military.

In this special issue, we invite investigators to contribute original research articles as well as overview articles on applications of polarimetric SAR that promote the added value of polarimetric information in comparison with conventional HH, HV, and VV single and dual polarization SAR.

Potential topics include, but are not limited to:

- ▶ Feature extraction
- ▶ Land cover classification
- ▶ Target detection
- ▶ Oil spill observation
- ▶ Soil moisture inversion
- ▶ Snow height estimation
- ▶ Tree height estimation

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/js/posar/>.

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