

**Processing Innovations to Support Vegetation Parameter  
Extraction using Radar Interferometry**

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Radar interferometry is sensitive to the vertical structure of objects within a resolution element that can be exploited to obtain information about the vertical distribution of scatterers. GeoSAR is a dual frequency radar system (X-band and P-band) designed to measure the true ground surface and estimate the canopy height. In order to do this operationally a number of innovations for processing and calibrating the data were required for the X-band and P-band data. This talk will present some of the innovations required for processing and calibrating the data and show some representative results.

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