

# **High Accuracy, High Resolution Digital Terrain Information from Airborne Interferometric Radar**

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## **Key words:**

## **SUMMARY**

Airborne interferometric synthetic aperture radar (IFSAR) was developed to meet military requirements for rapid acquisition of high accuracy digital terrain information over large areas. Airborne IFSAR generates high resolution, high accuracy digital elevation models, which are used to generate topographic map products, as well as fully orthorectified radar images. Intermap Technologies commercialized airborne IFSAR mapping activity in 1997 and has subsequently been responsible for producing 3.1 million square kilometres of IFSAR generated digital elevation models and orthorectified radar imagery. The Airborne IFSAR Workshop will address the data acquisition, data processing and applications of the IFSAR data for national mapping programs and the creation of value-added products.

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