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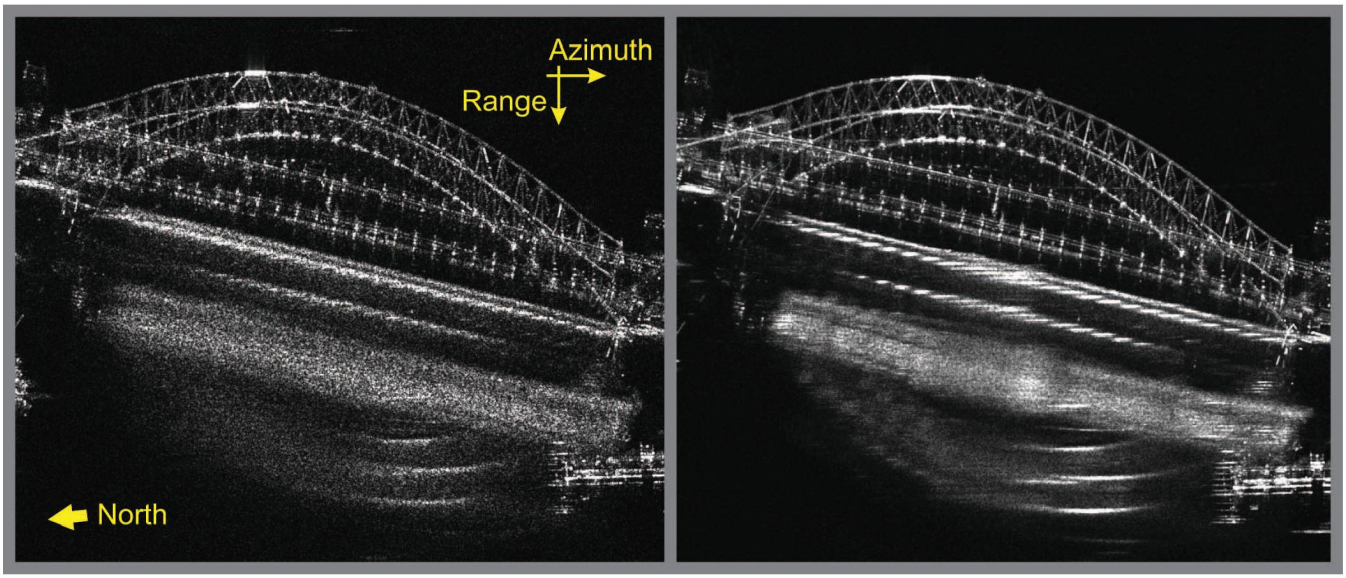
SPECIAL ISSUE ON SYNTHETIC APERTURE RADAR (SAR)—NEW TECHNIQUES, MISSIONS AND APPLICATIONS



Zoom into TerraSAR-X SAR images of the Sydney Harbour Bridge, Sydney, Australia acquired in high-resolution spotlight mode (left) and in staring spotlight mode (right). Both images are processed to the same resolution of approximately one meter resulting in a higher number of looks for the staring spotlight image (right). The better radiometric resolution of the staring spotlight image facilitates the identification of single scatterers. For more information see "TerraSAR-X Staring Spotlight Mode Optimization and Global Performance Predictions," by T. Kraus *et al.*, which begins on p. 1015.

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