

Current and next generation airborne SAR

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First, we present applicabilities and limitations for various applications by conventional airborne SAR systems. One of the SAR system, called Pi-SAR, had been developed by NICT and JAXA. The radar demonstrates the widely abilities of monitoring environment, hazard monitoring, and commercial use.

NICT has started to develop the next generation SAR system since 2006. The first image will appear in 2008. The performance of the new radar system will be presented.