

Advanced Land Observing Satellite (ALOS) Data Utilization

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The Remote Sensing Technology Center of Japan (RESTEC) is the primary distributor of ALOS data in Asia, Russia & Oceania and a sub-distributor in Americas and Africa. More than 3,000 scenes/year (PALSAR only) were distributed and utilized by the user in all over the world via RESTEC so far. We will introduce herewith the ALOS data utilization focusing on PALSAR (Phased Array type L-band Synthetic Aperture Radar) Data not only in Japan but also other countries in the presentation.

The field where the PALSAR data are now commonly applied spreads wider and wider, such as disaster monitoring fields (e.g. the Volcano Activities Monitoring System in Indonesia), environmental monitoring fields (e.g. Forest Monitoring In Brazil), mapping applications (1/50,000 scale map update in Philippine), and so on.

Especially Asian countries which had used optical sensor data so far, start using PALSAR data for many applications because of its features (cloud free, good cost-benefit performance, continuous observation, etc.), and the PALSAR and other SAR data will become more familiar in these countries.

We RESTEC will continuously support these users in Japan, Asia and all over the world.