

## **LANDSLIDE MONITORING WITH ALOS/PALSAR OBSERVATION**

NORIYUKI KAWANO

Earth Observation Research Center (EORC), Japan Aerospace Exploration Agency (JAXA),  
[Nory\\_reserve@yahoo.co.jp](mailto:Nory_reserve@yahoo.co.jp)

Phased array type L-band Synthetic Aperture Radar (PALSAR) boarded on Advanced Land Observing Satellite (ALOS) of Japan Aerospace Exploration Agency (JAXA) provides high resolution data for differential interferometric SAR (DInSAR) analysis to detect crustal deformation and compared amplitude images taken before and after the earthquake to detect landslides.

In the presentation, we will show these results of observation for earthquake and discuss them.

Synthetic Aperture Radar (SAR)

Noriyuki Kawano, Earth Observation Research Center (EORC), Japan Aerospace Exploration Agency (JAXA), Sengen 2-1-1, Tsukuba 3058505, Japan,  
[Nory\\_reserve@yahoo.co.jp](mailto:Nory_reserve@yahoo.co.jp)