

Monitoring the Japan islands using the PLASAR Interferometry

Masanobu Shimada[1]

[1] EORC, JAXA

Recent expanded the SAR interferometric processing capability increased target areas, from the small region to whole islands, country, and country, and tends to detect the global understanding of the solid earth movement. On the contrary, several new problems appears, i.e., propagation delay due to the atmosphere and ionosphere, 2) mismatching with the digital elevation model, 3) the accuracy of the orbit determination, and 4) the seasonal dependence of the target area ad the scattering targets. Since the ALOS-2 I the next target satellite, we will analyze the time serious the o the Japan country and discuss the above four points.