

Volcanoes Session

Chairs: Y. Fukushima & G. Puglisi

Seed Questions

1. What recommendations does this thematic community have for Sentinel-1 observation scenarios over InSAR areas of interest, in terms of revisit frequency and pass (ascending / descending)?
2. How are we moving toward an effective global monitoring of volcanoes using InSAR?
3. What are the advances in mitigation of atmospheric noise since 2009 and what are the promising ways to proceed?
4. What about the integration between SAR and in-situ (geodetic) data sets ?
5. Since 2009 the SAR systems with high spatial or temporal resolution (X-band missions, high revisit time) have been improved (i.e. launch of TanDEM-X, on 2010, completion of CosmoSkyMed constellation, on mid 2010). Which are the effects of this improvements on the study and monitoring of volcanic (and tectonic ?) areas, according the experiences of the scientific community ? And what are those expected ?
6. What are the new InSAR findings in volcanological studies since FRINGE 2009?

7. Operation of ALOS has been terminated and usage of ERS2/ENVISAT data is limited. In this period of time, can we make further actions to facilitate getting data acquired by other satellites?

8. Has there been recent developments in methodology that are useful for studying earthquake and tectonic studies? If so, how can we promote using such techniques?