

DAFTAR PUSTAKA

- Ana, Rizka Sari. Hapsari, Hepi. Agustan. (2014). Penerapan Metode DINSAR untuk Analisa Deformasi Akibat Gempa Bumi dengan Validasi Data GPS SUGAR, Studi Kasus: Kepulauan Mentawai, Sumatera Barat. Jurnal GEOID vol 10. .
- Aronoff, S. (2005). Remote Sensing for GIS Managers. California: Esri Press.
- Bamler, Richard & Hartl, Philip. (1998). Synthetic Aperture Radar Interferometry.. Inverse Problems. 14.
- Curlander, J.C.. (1995). interferometry radar earns high marks in mapping applications. 4. 52-54.
- Darmawan, H., Walter, T.R., Troll, V.R. and Budi-Santoso, A., 2018. Structural weakening of the Merapi dome identified by drone photogrammetry after the 2010 eruption. *Natural hazards and earth system sciences*, 18(12), pp.3267-3281.
- Ducret, Gabriel & Doin, M.-P & Grandin, Raphael & Lasserre, Cecile & Guillaso, Stéphane. (2011). DEM Corrections Before Unwrapping in a Small Baseline Strategy for InSAR Time Series Analysis. IEEE Geoscience and Remote Sensing Letters. 11. 1353-1356. 10.1109/IGARSS.2011.6049316.
- Dzurisin, D. (2007). Volcano Deformation; Geodetic Monitoring Technique. Berlin: Springer-Praxis.
- European Space Agency (ESA).(2007). InSAR Principles: Guidelines for SAR Interferometry Processing and Interpretation. Netherlands: ESA. https://www.esa.int/esapub/tm/tm19/TM-19_ptA.pdf, diakses pada 5 April 2022
- Ge, Linlin & Chang, Hsing-Chung & Rizos, Chris. (2004). Satellite radar interferometry for mine subsidence monitoring.
- Gens, Rudiger, Genderan dan John L Van. 1995. SAR Interferometry - Issues Techniques Application. The International Journal of Remote Sensing.
- Goldstein, R. M, & Werner, C. L. (1998). Radar interferogram filtering for geophysical applications. Geophysical Research Letters, 25(21), 4035–4038.
- Helz, R. L. (2005). Monitoring Ground Deformation from Space. pubs.er.usgs.gov.
- Hooper, Andy & Zebker, Howard. (2007). Phase unwrapping in three dimensions with application to INSAR time series. Journal of the Optical Society of America. A, Optics, image science, and vision. 24. 2737-47. 10.1364/JOSAA.24.002737.
- James, Mike & Varley, Nick. (2012). Identification of structural controls in an active kubah lava with high resolution DEMs: Volcán de Colima, Mexico. Geophysical Research Letters. 39. L22303. 10.1029/2012GL054245.
- Kubaneck, Julia & Westerhaus, Malte & Schenk, Andreas & Aisyah, Nurnaning & Sri Brotopuspito, Kirbani & Heck, Bernhard. (2015). Volumetric change quantification of the 2010 Merapi eruption using TanDEM-X InSAR. Remote Sensing of Environment. 164. 10.1016/j.rse.2015.02.027.
- Martinez, N. Y., Iraola, P. P., Rodriguez, G. et al. (2016). interferometry Processing of Sentinel-1 TOPS Data. IEEE Transactions on Geoscience and Remote Sensing, 54(4), 2220–2233.

- Massonnet, Didier & Feigl, Kurt. (1998). Massonnet, D. & Feigl, K. L. Radar interferometry and its application to changes in the Earth's surface. *Rev. Geophys.* 36, 441-500. *Reviews of Geophysics.* 36. 10.1029/97RG03139.
- Nunnari, Giuseppe & Puglisi, Giuseppe. (1994). Ground deformation studies during the 1991-1993 Etna eruption using GPS data. *Acta Vulcanol.* 4. 101-107.
- Pallister, J. S., Schneider, D. J., Griswold, J. P. et al. (2013). Merapi 2010 eruption— Chronology and extrusion rates monitored with satellite radar and used in eruption forecasting. *Journal of Volcanology and Geothermal Research*, 261, 144–152.
- Pepe, A. & Lanari, Riccardo. (2017). DEM correction and mean surface displacement rate retrieval from a stack of wrapped multi-temporal DInSAR interferograms. 3798-3801. 10.1109/IGARSS.2017.8127827.
- Salzer, Jacqueline & Milillo, Pietro & Varley, Nick & Perissin, D. & Pantaleo, Michele & Walter, Thomas R.. (2017). Evaluating links between deformation, topography and surface temperature at volcanic domes: Results from a multi-sensor study at Volcán de Colima, Mexico. *Earth and Planetary Science Letters*. 479. 354-365. 10.1016/j.epsl.2017.09.027.
- Segall, P. (2013). Volcano deformation and eruption forecasting. Geological Society, London, Special Publications published online March 20, 2013 as doi: 10.1144/SP380.4.
- Sudradjat, A., Syafri, I., & Paripurno, E. T. (2010). The characteristics of lahar in Merapi Volcano, Central Java as the indicator of the explosivity during Holocene. *Jurnal Geologi Indonesia*, 6(2), 69–74.
- Surono, M., Jousset, P., Pallister, J. et al. (2012). The 2010 explosive eruption of Java's Merapi volcano - a '100-year' event. *Journal of Volcanology and Geothermal Research*, 241-242, 121-135.
- Suwarsono, Suwarsono & Prasasti, Indah & Nugroho, Jalu & Sitorus, Jansen & Arief, Rahmat & Rahmi, Khalifah & Triyono, Djoko. (2019). Detecting deformation due to the 2018 Merapi volcano eruption using interferometry Synthetic Aperture Radar (InSAR) from Sentinel-1 TOPS. *International Journal of Remote Sensing and Earth Sciences (IJReSES)*. 16. 45. 10.30536/j.ijreses.2019.v16.a3145.
- Voight, B., Young, K.D., Hidayat, D., Subandrio Purbawinata, M.A., Ratdomopurbo, A., Suharna LaHusen, R., Marso, J., Iguchi, M., Ishihara, K., 2000. Deformation and seismic precursors to dome-collapse and fountain-collapse nuees ardentes at Merapi, Volcano, Indonesia, 1994–1998. *J. Volcanol. Geotherm. Res.* 100, 261–287.
- Walter, Thomas R. & Ratdomopurbo, Antonius & Joko, Subandriyo & Aisyah, Nurnaning & Sri Brotopuspito, Kirbani & Salzer, Jacqueline & Lühr, Birger. (2013). Dome growth and coulée spreading controlled by surface morphology, as determined by pixel offsets in photographs of the 2006 Merapi eruption. *Journal of Volcanology and Geothermal Research*. 261. 121-129. 10.1016/j.jvolgeores.2013.02.004.