

DAFTAR PUSTAKA

- Abidin, H. Z., Hendrasto, M., Andreas, H., Gamal, M., Kusuma, M. A., Rosadi, U., Mulyana, I., Mulyadi, D., Suganda, O. K., Purwanto, B. H. dan Kimata, F. (2007). *Karakteristik Deformasi Gunung api Ijen dalam Periode 2002-2005 Hasil Estimasi Metode Survei GPS*. In *PROC. ITB Sains & Tek* (Vol. 39, Issue 1).
- Aisyah, N. (2014). *Kombinasi Model Mogi dan Yokoyama Untuk Estimasi Lokasi Sumber Tekanan dan Volume Suplai Magma Gunung Merapi Periode Tahun 2011 - 2013*. Universitas Gadjah Mada, Yogyakarta.
- Aisyah, N., Iguchi, M., Subandriyo, Budisantoso, A., Hotta, K. dan Sumarti, S. (2018). *Combination of a pressure source and block movement for ground deformation analysis at Merapi volcano prior to the eruptions in 2006 and 2010*. *Journal of Volcanology and Geothermal Research*, 357, 239–253. <https://doi.org/10.1016/j.jvolgeores.2018.05.001>
- Aisyah, N., Yulianto, Suparwaka, H., Triyono, Sopari, A., Santoso, B., Sumarti, S. dan Subandriyo. (2020). *Model Elemen Hingga Untuk Reduksi Efek Topografi Gunung Merapi Dalam Estimasi Volume dan Lokasi Suplai Magma : Studi Kasus Gunung Merapi Tahun 2006 dan 2010*. *Buletin Berkala Merapi* (Agustus 2020, Vol. 25, pp. 24–36).
- Andreastuti, S. D., Alloway, B. V dan Smith, I. E. M. (2000). *A detailed tephrostratigraphic framework at Merapi Volcano, Central Java, Indonesia: implications for eruption predictions and hazard assessment*. *Journal of Volcanology and Geothermal Research* (Vol. 100). www.elsevier.nl/locate/jvolgeores
- Anonim. (2019). *Pengenalan Gunung Api – Vulcanological Survey of Indonesia*. Departemen Energi dan Sumber Daya Mineral. Diakses pada : https://www.esdm.go.id/assets/media/content/Pengenalan_Gunung_Api.pdf . Diakses tanggal 20 Februari 2024.
- Anonim. (2023). *Laporan Aktivitas Gunung Merapi*. Balai Penyelidikan dan Pengembangan Teknologi Kebencanaan Geologi : Yogyakarta. Unpublished
- Backstrom, G. (2006) *Simpe Deformation and Vibration by Finite Element Analysis*. Malmö : Sweden
- Beauducel, F., Nandaka, M. A., Cornet, F. H. dan Diamant, M. (2006). *Mechanical discontinuities monitoring at Merapi volcano using kinematic GPS*. *Journal of Volcanology and Geothermal Research*, 150(1–3), 300–312. <https://doi.org/10.1016/j.jvolgeores.2005.07.005>

- Beauducel, François dan Cornet, F. H. (1999). *Collection and three-dimensional modeling of GPS and tilt data at Merapi volcano, Java*. Journal of Geophysical Research: Solid Earth, 104(B1), 725–736. <https://doi.org/10.1029/1998jb900031>
- Daniel Dzuris. (2007). *Volcano Deformation Geodetic Monitoring Techniques..* Springer. Washington, USA. (pp 279 – 304)
- Dibyosaputro, S., Cahyadi, A., Nugraha, H. dan Suprayogi, S. (2016). *ESTIMASI DAMPAK PERUBAHAN IKLIM TERHADAP KERAWANAN BANJIR LAHAR DI MAGELANG, JAWA TENGAH*. Prosiding Seminar Nasional Geografi UMS.
- Gertisser, R., Charbonnier, S. J., Keller, J. dan Quidelleur, X. (2012). *The geological evolution of Merapi volcano, Central Java, Indonesia*. Bulletin of Volcanology, 74(5), 1213–1233. <https://doi.org/10.1007/s00445-012-0591-3>
- Ghilani, C. D. dan Wolf, P. R. (2012). *Elementary surveying : an introduction to geomatics* (thirteenth). Pearson Prentice Hall.
- Humas BNPB. (2019) *Status Gunung Api di Indonesia*. <https://bnpb.go.id/berita/status-gunung-api-di-indonesia> . Di akses : 1 Februari 2024.
- Kasmin, I. (1997). *Pengukuran Jarak secara Elektromagnetis (Electromagnetic Distance Measurement)*. Institut Teknologi Bandung, Bandung.
- Kauppinen, J. K. dan Partanen, J. O. (2016). *High resolution gas phase IR spectroscopy instrumentation*. In Encyclopedia of Spectroscopy and Spectrometry (pp. 65–74). Elsevier. <https://doi.org/10.1016/B978-0-12-803224-4.00340-X>
- Lisowski, M. (2007). *Analytical volcano deformation source models*. In *Volcano Deformation* (pp. 279–304). Springer Berlin Heidelberg. https://doi.org/10.1007/978-3-540-49302-0_8
- Lungarini, L., Troise, C., Meo, M. dan De Natale, G. (2005). *Finite element modelling of topographic effects on elastic ground deformation at Mt. Etna*. Journal of Volcanology and Geothermal Research, 144(1-4 SPEC. ISS.), 257–271. <https://doi.org/10.1016/j.jvolgeores.2004.11.031>
- Maryani, T. (2022). *Analisis Pergerakan Blok dan Inflasi Kantong Magma Untuk Estimasi Suplai Magma Gunung Merapi Periode 2020 – 2021*. Fakultas Matematika dan Ilmu Pengetahuan. Universitas Gadjah Mada : Yogyakarta.
- Mase, G. Thomas. dan Mase, G. E. (1999). *Continuum mechanics for engineers*. CRC Press.(pp. 61-115)

- McGuire, B., Kilburn, C. R. J. dan Murray, J. (1995). *Monitoring Active Volcanoes*. Routledge. <https://doi.org/10.4324/9781003327080>
- Meo, M., Tammaro, U. dan Capuano, P. (2008). *Influence of topography on ground deformation at Mt. Vesuvius (Italy) by finite element modelling*. International Journal of Non-Linear Mechanics, 43(3), 178–186. <https://doi.org/10.1016/j.ijnonlinmec.2007.12.005>
- Mogi, K. (1958). *Relations between eruptions of various volcanoes and the deformations of the ground surface around them* (pp. 99–134).
- Pallister, J. S., Schneider, D. J., Griswold, J. P., Keeler, R. H., Burton, W. C., Noyles, C., Newhall, C. G. & Ratdomopurbo, A. (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. <https://doi.org/10.1016/j.jvolgeores.2012.07.012>
- Ratdomopurbo, A dan Andreastuti, S. (2000). *Karakteristik Gunung Merapi*. BPPTKG : Direktorat Vulkanologi, Yogyakarta.
- Ratdomopurbo, A dan Poupinet, G. (2000). *An overview of the seismicity of Merapi volcano*. Journal of Volcanology and Geothermal Research (Vol. 100). www.elsevier.nl/locate/jvolgeores
- Ratdomopurbo, A., Beauducel, F., Subandriyo, J., Agung Nandaka, I. G. M., Newhall, C. G., Suharna, Sayudi, D. S., Suparwaka, H. dan Sunarta. (2013). *Overview of the 2006 eruption of Mt. Merapi*. Journal of Volcanology and Geothermal Research, 261, 87–97. <https://doi.org/10.1016/j.jvolgeores.2013.03.019>
- Santoso, A. B. (2022). *Seminar Rebon : Strategi Pemantauan Gunung Merapi*. FMIPA UGM : Yogyakarta. 26 Oktober 2022.
- Santoso, A. B., Laksono. R.W., Jayanto. D., Alam. K., Humaida. H., Rudianto. I., Rozin, Cholikh. N., Putra. R., Aisyah. N., Subandriyo, Nurdin. I., Nurmanji. A., Yulianto, Suparwoko. H., Triyono, Sopari. A. dan Trimujiyanto. (2021). *Aktivitas G.Merapi Periode Mei - Agustus 2021*. Buletin Berkala Merapi (Agustus 2021, Vol. 27, pp. 1–16).
- Sulistiyani., Santoso, A.B., Jayanto, D., Rudianto, I., Alam, K., Rozin, M., Cholikh. N., Humaida, H., Laksono, R.W., Putra, R., Aisyah, N., Subandriyo, Nurdien, I., Nurmanajani, A., Yulianto., Suparwoko, H., Triyono., Sopari, A., Mujiyanto, T. (2022) *Aktivitas Gunung Merapi Periode Januari-April 2022*. Buletin Berkala Merapi (April 2022, Vol. 29/01, pp. 1-21).
- Sulistiyani., Santoso, A.B., Jayanto, D., Rudianto, I., Nurdien, I., Alam, K., Rozin, M., Cholikh, N., Laksono, R.W., Nurmanajani, A., Yulianto., Triyono., Sopari, A., Mujiyanto, T. (2022) *Aktivitas Gunung Merapi Periode Mei-Agustus 2022*. Buletin Berkala Merapi (Agustus 2022, Vol. 29/02, pp. 1-22).

- Surono, Jousset, P., Pallister, J., Boichu, M., Buongiorno, M. F., Budisantoso, A., Costa, F., Andreastuti, S., Prata, F., Schneider, D., Clarisse, L., Humaida, H., Sumarti, S., Bignami, C., Griswold, J., Carn, S., Oppenheimer, C. dan Lavigne, F. (2012). *The 2010 explosive eruption of Java's Merapi volcano-A "100-year" event*. Journal of Volcanology and Geothermal Research, 241–242, 121–135. <https://doi.org/10.1016/j.jvolgeores.2012.06.018>
- Trasatti, E., Giunchi, C. dan Bonafede, M. (n.d.). *Effects of topography and rheological layering on ground deformation in volcanic regions*. www.elsevier.com/locate/jvolgeores
- Trasatti, E., Giunchi, C. dan Agostinetti, N.P. (2008). *Numerical Inversion of Deformation caused by Pressure Source : Application to Mount Etna (Italy)*. Geophysical Journal International, 172(2), 873–884. <https://doi.org/10.1111/j.1365-246X.2007.03677.x>
- Voight, B., Constantine, E. K., Siswowidjono, S. dan Torley, R. (2000). *Historical eruptions of Merapi Volcano*. Journal of Volcanology and Geothermal Research, 69–138. www.elsevier.nl/locate/jvolgeores
- Widiwijayanti, C. (2023). *Data Usage in the Volcanic Hazard Mitigation. Asosiasi Vulkanologi Indonesia*. Universitas Gadjah Mada : Yogyakarta. 12 Oktober 2023.
- Williams, C. A. dan Wadge, G. (1998). *The effects of topography on magma chamber deformation models: Application to Mt. Etna and radar interferometry*. Geophysical Research Letters, 25(10), 1549–1552. <https://doi.org/10.1029/98GL01136>
- Young, K., Voight, B., Subandrio, Sajiman, Miswanto dan Casadevall, T. (2000). *Ground deformation at Merapi Volcano, Java, Indonesia : distance change, June 1998 - October 1995*. Journal of Volcanology and Geothermal Research, 233–259.