

## DAFTAR PUSTAKA

- Abidin, H.Z. 2000. *Penentuan Posisi dengan GPS dan Aplikasinya*. Cetakan kedua. PT Pradnya Pramita: Jakarta
- Acocella, V., 2021. *Advances in Volcanology*. Springer Nature. Switzerland AG. p 1-539
- Aisyah, N., Iguchi, M., 2018. Combination of a pressure source and block movement for ground deformation analysis at Merapi volcano prior to the eruptions in 2006 and 2010. *J. of Volcanology and Geothermal Research*, Vol.357, p. 239-253.
- Bachri, S. 2014. Pengaruh Tektonik Regional Terhadap Pola Struktur dan Tektonik Pulau Jawa. *JSDG* Vol. 15. No. 4 November 2014. p. 215-221.
- Beauducel, F., 1998. Structures et comportement mécanique du volcan Merapi (Java): une approche méthodologique du champ de deformations. *PhD Thesis*. Institut De Physique Du Globe De Paris Département De Sismologie U.M.R. C.N.R.S. 7580.
- Beauducel, F., Cornet, F., Suhanto, E., Duquesnoy, T., Kasser, M., 2000. Constraints on magma flux from displacements data at Merapi volcano, Java. *J. Geophys. Res.* 105, 8193 – 8204.
- Beauducel, F., Nandaka, M.A., Cornet, F.H., Diament, M., 2006. Mechanical discontinuities monitoring at Merapi volcano using kinematic GPS. *J. Volcanol. Geotherm. Res.* 150 (1–3), 300–312.
- Camus, G., Gourgaud, A., Mossand-Berthommier, P., Vincent, P., 2000. Merapi (Central Java, Indonesia) an outline of the strctural and magmatological evolution, with a special emphasis to the major pyroclastic events. *J. Volcanol. Geotherm. Res.* 100 (1-4), p 139–163.
- Darmawan, H., Walterm, T.R., Troll, V.R., Budi-Santoso, A., 2018. Dome instability at Merapi volcano identified by drone photogrammetry and numerical modeling. *Nat. Hazards Earth Syst. Sci. Discuss.* p 1–27.
- Dzurisin, D., 2007. *Volcano Deformation: Geodetic Monitoring Techniques*. Springer-Verlag. Berlin.

- Gertisser, R., Charbonnier, S.J., Keller, J., Quidelleur, X., 2012. The geological evolution of Merapi volcano, Central Java, Indonesia. *Bull Volcanol* 74. p 1213–1233.
- Galih, Y.W., 2016. Pemodelan Deformasi Gunung Merapi dengan Model Yokoyama Menggunakan Data GPS. *Skripsi*. Teknik Geomatika. ITS.
- Hall, R. 2002. Cenozoic Geological and Plate Tectonic Evolution of SE Asia andthe SW Pacific: Computer-Based Reconstructions, Model and Animations. *J. Asian Earth Sci.* 20, 353–431.
- Hartono, G.H., Sudradjat, A., 2018. Karakteristik Geomorfologi Gunung Api Aktif dan Gunung Api Padam: Kasus G. Merapi & G. Gajahmungkur, Daerah Istimewa Yogyakarta dan Jawa Tengah. *Bulletin of Scientific Contribution*, Volume 16, No. 2. p 109-116.
- Hickson, C., Spurgeon, T., Tilling, R., Adam, P., 2013. Factors Influencing Volcanic Hazards and the Morphology of Volcanic Landforms, in Shroder J.F., editor, *Treatise on Geomorphology*: Volume 13, p 219 – 242.
- McGuire, W.J., 2003. Volcano instability and lateral collapse. *Revista*, Vol 1. I 33–45.
- McGuire, W.J., Pullen, A.D., 1990. Recent dyke-induced large-scale block movement at Mount Etna and potential slope failure. *Nature* 343 (6249), 357.
- Mogi, K., 1958. Relations between the eruptions of various volcanoes and the deformations of the ground surface around them. *Bulletin of the Earthquake Research Institute*, 36, p.99-134.
- Nandaka, Sulistiyan, Suharna, 2019. Overview of Merapi volcanic activities from monitoring data 1992–2011 periods. *J. Disast. Res.* 14 (1), 18–26.
- Newhall, C., Bronto, S., Alloway, B.V., 2000. 10,000 years of explosive eruption at Merapi Volcano, Central Java: archaeological and modern implications. *J. Volcanol. Geotherm. Res.* 100, 9–50.
- Ratdomopurbo, A., Poupinet, G., 2000. An overview of the seismicity of Merapi volcano (Java/Indonesia), 1983–1994. *J. Volcanol. Geotherm. Res.* 100, 193–214.
- Thornbury, W. D., 1969. *Principles of Geomorphology*, New York: John Wiley.

- Thouret, J.C., Lavigne, F., Kelfoun, K., Bronto, S. 2000, Toward a revised hazard assessment at Merapi volcano, Central Java, *Journal of Volcanology and Geothermal Research*, Vol 100, Elsevier: 479-502.
- Trasatti, E., Giunchi, C., 2008. Numerical inversionof deformation caused by pressure sources: application to Mount Etna (Italy), *Geophys. J. Int.*, 172, p 873–884.
- Tsuboi, C., 1929. Block movement as revealed by means of precise levelling in some earthquake districts of Japan. *Bull. Earthq. Res. Inst. Univ. Tokyo* 7, 103–114.
- Voight, B., Elsworth, D., 1997. Failure of volcano slope. *Geotechnique* 47, 1–31.
- Voight, B., Constantine, E.K., 2000a. Historical eruptions of Merapi volcano, Central Java, Indonesia 1768–1998. *J. Volcanol. Geotherm. Res.* 100, 69–138.
- Wirakusumah AD, Juwarna H, Loebis H (1989) Peta Geologi Gunungapi Merapi, Jawa Tengah (*Geologic map of Merapi volcano, Central Java*), 1:50,000
- Young, K.D., 2007. Deformation, Lava Dome Evolution, and Eruption Cyclicity at Merapi Volcano, Indonesia. *PhD Thesis*. Department of Geosciences, Pennsylvania State University. 1-150.
- Yunazwardi, Mutiara. 2010. Analisis Deformasi Gunung berapi talang Berdasarkan Data Pengamatan GPS tahun 2005- 2009. *Skrripsi*. Teknik Geodesi dan Geomatika. ITB.