

## DAFTAR PUSTAKA

- Adams, M. D. (2013). *Continuous-time signals and systems*. University of Victoria.
- Allen, R. V. (1978). Automatic Earthquake Recognition and Timing from Single Trace. *Bulletin of the Seismological Society of America* , 65(5), 1521–1532. <https://doi.org/https://doi.org/10.1785/BSSA0680051521>
- Ankerst, M., Breunig, M. M., Kriegel, H.-P., & Sander, J. (1999). OPTICS: Ordering Points To Identify the Clustering Structure. *Proceedings of the 1999 ACM SIGMOD International Conference on Management of Data : SIGMOD '99*.
- Bappenas, & BNPB. (2011). *Rencana aksi rehabilitasi dan rekonstruksi wilayah pascabencana erupsi Gunung Merapi di Provinsi D.I. Yogyakarta dan Provinsi Jawa tengah Tahun 2011- 2013*. <https://bnpb.go.id/buku/rencana-aksi-rehabilitasi-dan-rekonstruksi-wilayah-pascabencana-erupsi-gunung-merapi-di-prov-diy-dan-prov-jateng-tahun-2011-2013>
- Bath, M. (2013). *Introduction to Seismology* (2 ed., Vol. 27). Birkhauser.
- Brigham, E. O. (1988). *The fast Fourier transform and its applications*. Prentice Hall.
- Brill, K. (2019). *SEISMIC SIGNALS AND SOURCES AT FUEGO VOLCANO, GUATEMALA DURING JANUARY 2012* [Michigan Technological University]. <https://doi.org/10.37099/mtu.dc.etr/784>
- Budi-Santoso, A. (2014). *The seismic activity associated with the large 2010 eruption of Merapi volcano, Java : source location, velocity variation, and forecasting*. <https://theses.hal.science/tel-01560993>
- Budi-Santoso, A., Beauducel, F., Nandaka, I., Humaida, H., Costa, F., Widiwijayanti, C., Iguchi, M., Metaxian, J.-P., Rudianto, I., Rozin, M., Sulistiyani, Nurdin, I., Kelfoun, K., Byrdina, S., Pinel, V., Fahmi, A., Laurin, A., Husni Rizal, M., & Dahamna, N. (2023). *The Merapi Volcano Monitoring System* (hlm. 409–436). [https://doi.org/10.1007/978-3-031-15040-1\\_13](https://doi.org/10.1007/978-3-031-15040-1_13)
- Camus, G., Gourgaud, A., Mossand-Berthommier, P.-C., & Vincent, P.-M. (2000). Merapi (Central Java, Indonesia): An outline of the structural and magmatological evolution, with a special emphasis to the major pyroclastic events. *Journal of Volcanology and Geothermal Research*, 100(1–4), 139–163. [www.elsevier.nl/locate/jvolgeores](http://www.elsevier.nl/locate/jvolgeores)

- Chadwick, J. P., Troll, V. R., Ginibre, C., Morgan, D., Gertisser, R., Waight, T. E., & Davidson, J. P. (2007). Carbonate assimilation at Merapi Volcano, Java, Indonesia: Insights from crystal isotope stratigraphy. *Journal of Petrology*, 48(9), 1793–1812. <https://doi.org/10.1093/petrology/egm038>
- Derrick, T. R., & Thomas, J. M. (2004). Time Series Analysis: The Cross-Correlation Function. Dalam *Innovative analysis of Human Movement* (1 ed., hlm. 189–205). Human Kinetics.
- Gertisser, R., Charbonnier, S. J., Keller, J., & 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>
- Gertisser, R., Troll, V. R., Walter, T. R., & Gusti Made Agung Nandaka, I. (2023). *Merapi Volcano, Geology, Eruptive Activity, and Monitoring of a High-Risk Volcano*. Springer. <https://doi.org/10.1007/978-3-031-15040-1>
- Grandini, M., Bagli, E., & Visani, G. (2020). *Metrics for Multi-Class Classification: an Overview*. <http://arxiv.org/abs/2008.05756>
- Hotovec-Ellis, A. J., & Jeffries, C. (2016, April). Near Real-time Detection, Clustering, and Analysis of Repeating Earthquakes: Application to Mount St. Helens and Redoubt Volcanoes. *Seismological society of america annual meeting*.
- Iguchi, M., Nakamichi, H., Miyamoto, K., Shimomura, M., Nandaka, I. G. M. A., Budi-Santoso, A., Sulistiyani, & Aisyah, N. (2019). Forecast of the pyroclastic volume by precursory seismicity of merapi volcano. *Journal of Disaster Research*, 14(1), 51–60. <https://doi.org/10.20965/JDR.2019.P0051>
- Kulhánek, O. (2002). 21 - The Structure and Interpretation of Seismograms. Dalam W. H. K. Lee, H. Kanamori, P. C. Jennings, & C. Kisslinger (Ed.), *International Handbook of Earthquake and Engineering Seismology, Part A* (Vol. 81, hlm. 333–348). Academic Press. [https://doi.org/10.1016/S0074-6142\(02\)80224-8](https://doi.org/10.1016/S0074-6142(02)80224-8)
- Kusuma, W., & Susanti, R. (2018, Mei 22). *Status Gunung Merapi Dinaikkan Jadi Waspada*. Kompas.com. <https://regional.kompas.com/read/2018/05/22/04494951/status-gunung-merapi-dinaikkan-jadi-waspada>
- Lintang-Sari, A. (2023). *Klasterisasi Gempa Vulkanik Gunung Merapi Periode Agustus 2022 Berdasarkan Nilai Korelasi Silang Gempa Menggunakan Algoritma Hierarchical Clustering*. Universitas Gadjah Mada.
- Minakami, T. (1974). Seismology of Volcanoes in Japan. Dalam L. CIVETTA, P. GASPARINI, G. LUONGO, & A. RAPOLLA (Ed.), *Physical Volcanology*

(Vol. 6, hlm. 1–27). Elsevier. <https://doi.org/https://doi.org/10.1016/B978-0-444-41141-9.50007-3>

Ohrnberger, M. (2001). *Continuous Automatic Classification of Seismic Signals of Volcanic Origin at Mt. Merapi, Java, Indonesia* [Dissertation]. Universitat Postdam.

Proakis, J. G., & Manolakis, D. G. (1996). *DIGITAL SIGNAL PROCESSING Principles, Algorithms, and Applications* (3rd Edition). Prentice-Hall International.

Anonim. (2011). *Data Dasar Gunung Api Indonesia*. PVMBG, Kementerian Energi dan Sumber Daya Mineral, Badan Geologi.

Ratdomopurbo, A., & Poupinet, G. (2000). An overview of the seismicity of Merapi volcano (Java, Indonesia), 1983-1994. *Journal of Volcanology and Geothermal Research*, 100, 193–214. [www.elsevier.nl/locate/jvolgeores](http://www.elsevier.nl/locate/jvolgeores)

Shimozuru, D., Miyazaki, T., Gyoda, N., & Johannes, M. (1969). 44. Volcanological Survey of Indonesian Volcanoes. Part 2. Seismic Observation at Merapi Volcano. *Bulletin of The Earthquake Research Institute*, 47, 969–990.

Subandriyo. (2011). Sejarah Erupsi Gunung Merapi dan Dampaknya Terhadap Kawasan Borobudur. Dalam *Menyelamatkan Candi Borobudur Dari Erupsi Merapi* (hlm. 85–98). Balai Konservasi Peninggalan Borobudur .

Sulistiyani, Putra, R., Budi-Santoso, A., Asmarakusuma, D. P. U., Laksono, R. W., Jayanto, D., Nurmanaji, A., Yulianto, Triyono, Sopari, A., & Mujiyanto, T. (2023). *AKTIVITAS GUNUNG MERAPI PERIODE JANUARI - APRIL 2023*.

Telgarsky, R. (2013). *Dominant Frequency Extraction*. <http://arxiv.org/abs/1306.0103>

Trnkoczy, A. (1998). *Understanding & Setting STA/LTA Trigger Algorithm Parameters for the K2*. Kinemetrics, Inc.

van Bemmelen, R. W. (1970). The Geology of Indonesia: general geology of Indonesia and adjacent archipelagoes. Dalam *The Geology of Indonesia* (2nd Edition, Vol. 1). The Hague Martinus Nijhoff.

Withers, M., Aster, R., Young, C., Beiriger, J., Harris, M., Moore, S., & Trujillo, J. (1998). A comparison of select trigger algorithms for automated global seismic phase and event detection. *Bulletin of the Seismological Society of America*, 88(1), 95–106. <https://doi.org/10.1785/bssa0880010095>

Zobin, V. (2012). *Introduction to Volcanic Seismology* (2nd Edition). Elsevier .