

DAFTAR PUSTAKA

- Agustan, Kimata, F., Pamitro, Y. E., & Abidin, H. Z., 2012, Understanding the 2007-2008 eruption of Anak Krakatau Volcano by combining remote sensing technique and seismic data, *International Journal of Applied Earth Observation and Geoinformation*, 73-82. <https://www.sciencedirect.com>, diakses tanggal 15 Januari 2019
- Alaydrus, M., 2011, Perancangan Filter Bandpass Terkopel Parallel dengan Bantuan MATLAB, *Prosiding SNPPTI 2011 ISSN:2086-2156*, <https://www.researchgate.com>, diakses tanggal 10 Februari 2019
- Anggraini A., 2017, *Bahan Ajar Kuliah Tektonik Indonesia*, Yogyakarta : Program Studi Geofisika Departemen Fisika FMIPA UGM
- Badan Geologi, 2011, *Press release aktivitas g. anak krakatau sabtu 23 Juni 2018*, Badan Geologi: <http://bgl.esdm.go.id>, diakses tanggal 20 Januari 2019
- Beaducel, F, 1998, *Structures Mechanical Behaviour of Merapi Volcano, Java: A Methodological Approach of the Deformation Field*. Ph.D, Thesis, University Denis Diderot Paris VII
- Blakely, R. J, 1996, *Potential Theory In Gravity and Magnetic Applications*, United Kingdom: Cambridge University Press.
- BMKG, 2019, Koordinat stasiun geomagnetik, Jakarta
- Bohn, D, 2008, *Bandwidth in Octaves Versus Q in Bandpass Filters*, RaneNote: www.rane.com, diakses tanggal 12 April 2019
- BPPTKG, 2016, Karakteristik Gunung Merapi, <http://merapi.bgl.esdm.go.id/pub/>, diakses tanggal 2 April 2019
- Byun, W. E., Erdozain, J., & Tasnim, F, 2016, *Fluxgate Magnetometer (6.101 Final Project Report)*, Cambridge: Massachusetts Institute of Technology.
- Currenti, G., Negro, C. D., Lapenna, V., & Telesca, L, 2005, *Fluctuation analysis of the hourly time variability of volcano-magnetic signals recorded at Mt. Etna Volcano, Sicily (Italy)*, ScienceDirect: <https://www.sciencedirect.com>, diakses tanggal 10 Februari 2019.
- Davis, P. M, 1976, The Computed Piezomagnetic Anomaly Field for Kilauea Volcano, Hawaii, *Journal Geomag., Geoelectr.*, 28, 113-122.
- Gunawan H., Surono, Budianto A., Kristianto, Prambada O., McCausland W., Pallister J., dan Iguschi M., 2017, *Overviewed of the eruption of Sinabung Volcano, 2010 and 2013-present and details of the 2013 phreatomagmatic phase*, J. Volcanol. Geotherm. Res. (2018), <http://dx.doi.org/10.1016/j.jvolgeores.2017.08.005>

- Gonzales, W. D., Tsurutani, B. T., & Gonzales, A. L, 1999, *Interplanetary Origin of Magnetic Storm*, Space Sci. Rev., 88, 529.
- Hall R., Wilson M.E.J., 2000, *Neogene sutures in eastern Indonesia*, Journal of Asian Earth Sciences 18, page 781-808
- Hamilton, D. C., Gloeckler, G., & Ipavich, F. M, 1998, Ring Current Development During the Great Geomagnetic Storm of February 1986, *Journal of Geophysical Research*, Vol. 93 No. A12, 14,343-14,355.
- Hamilton, W. B. (1979), *Tectonics of the Indonesian Region*, U. S. Govt.: Print Off.
- Hariyono, E., & Liliyasi. (2017), *The Characteristics of Volcanic Eruption in Indonesia*, IntechOpen: <https://www.intechopen.com>, diakses tanggal 21 Februari 2019.
- Hartantyo, E., 2016, *Materi Kuliah Praktikum Elektronika Geofisika*, Yogyakarta : Program Studi Geofisika Departemen Fisika FMIPA UGM
- Hinze, W. J., Ralph R. B. Von Frese, & Saad, A. H, 2013, *Gravity and Magnetic Exploration : Principles, Practices, and Applications*, United States of America: Cambridge University Press.
- Hochstein, M. P., & Sudarman, S, 2008, *History of geothermal exploration in Indonesia from 1970 to 2000*, <https://www.sciencedirect.com>, diakses tanggal 24 Maret 2019
- Ibrahim, G., Ahadi, S., & Saroso, S, 2012, Karakteristik Sinyal Emisi ULF yang Berhubungan Dengan Prekursor Gempabumi di Sumatera, Studi Kasus : Gempabumi Padang 2009 dan Gempabumi Mentawai 2010, *Jurnal Meteorologi dan Geofisika Volume 13 No. 2*, 81-89.
- Johnston, M. J., 2014, *Volcano-Electromagnetic Effects*, Rearchgate: <http://www.researchgate.net>, diakses tanggal 28 Januari 2019.
- Kusumadinata, K., 1979, *Data Dasar Gunungapi Indonesia*, Bandung: Dit Vulk.
- Kusumayudha, S. B., Lestari, P., & Paripurno, E. T., 2018, Eruption Characteristic of the Sleeping Volcano, Sinabung, North Sumatera, Indonesia and SMS gateway for Disaster Early Warning System, *Indonesian Journal of Geography Vol. 50 No. 1*, 70-77.
- Latief, M. N., 2019, *Potensi tsunami karena Gunung Anak Krakatau makin kecil*, <https://www.aa.com.tr/id/headline-hari/potensi-tsunami-karena-gunung-anak-krakatau-makin-kecil/1353507>, diakses tanggal 20 Juni 2019
- LEMI Sensors, 2019, *LEMI Sensors: Fluxgate magnetometer LEMI-018*, KMS Technologies: <http://www.lemisensors.com>, diakses tanggal 16 Maret 2019
- Martanto, 2018, *Erupsi Gunung Sinabung 19 Feburuari 2018 pukul 08:53 WIB*, <https://magma.vsi.esdm.go.id/press/view.php?id=124>, diakses tanggal 20 Juni 2019

- Mulyana B., 2006, *Extention Tektonik Selat Sunda*, Bulletin of Scientific Contribution, Vol. 4 No.2137-145
- Mustikarini, D. D., 2016, *Analisis Perubahan Nilai Medan Magneti Bumi Terhadap Gembabumi Lampung Tanggal 7 (Mw 5,1) dan 31 (ML 5,3) Maret 2014*, Skripsi, Yogyakarta: Program Studi Geofisika, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada.
- Negro, C. D., Currenti, G., Napoli, R., & Vicari, A., 2004, *Volcanomagnetic changes accompanying the onset of the 2002-2003 eruption of Mt. Etna (Italy)*, Elsevier: <https://www.sciencedirect.com>, diakses tanggal 3 Maret 2019.
- Nukman, M., 2017, *Materi Kuliah Praktikum Eksplorasi Panas Bumi*, Yogyakarta : Program Studi Geofisika Departemen Fisika FMIPA UGM
- NOAA. (2015), *Maps of Magnetic Elements from the WMM 2015*, NOAA (National Centers for Environmetnal Information): <https://www.ngdc.noaa.gov/geomag>, diakses tanggal 22 Januari 2019.
- Parfitt E.A., Wilson L., 2008, *Fundamental of Physical Volcanology*, Blackwell Publishing, Oxford, UK
- PVMBG, 2014, *Data Dasar Gunungapi*, Pusat Vulkanologi dan Mitigasi Bencana Geologi Kementrian Energi dan Sumber Daya Mineral (Badan Geologi): <http://www.vsi.esdm.go.id>, diakses tanggal 18 Januari 2019
- PVMBG, 2018, *Press Release Erupsi Gunungapi (G. Anak Krakatau, G. Merapi dan G. Sinabung)*, Pusat Vulkanologi dan Mitigasi Bencana Geologi Kementrian Energi dan Sumber Daya Mineral (Badan Geologi): <https://www.vsi.esdm.go.id>, diakses tanggal 18 Januari 2019
- PVMBG, 2019, *Informaasi Erupsi G. Anak Krakatau*, <http://www.vsi.esdm.go.id>, diakses tanggal 20 Juni 2019
- Rosaria M. C., Setijadji L.D., 2015, *Sintesa Penyebab Eksplosivitas Erupsi Merapi 2010*, Proceeding Seminar Kebumian Ke-8 Academia-Industry Linkage, Yogyakarta
- Santoso, A. B., 2018, *Peningkatan Status Gunung Merapi, DIY-Jateng dari Level I (Normal) menjadi Level II (Waspada)*, <https://magma.vsi.esdm.go.id/press/view.php?id=153>, diakses pada tanggal 20 Juni 2019
- Sigurdsson, H., Houghton, B., McNutt, S. R., Rymer, H., & Stix, J., 2000, *Encyclopedia of Volcanoes*, United States of America: Academic Press.
- Simandjuntak, T. O., & Barber, A. J., 2016, *Contrasting tectonic styles in the Neogene orogenic belts of Indonesia*, <http://sp.lyellcollection.org>, diakses tanggal 15 April 2019.

- Stehn, Ch. E., 1929, *The geology and volcanism of the Krakatau Group, Part I*, 1-55 plates, In "4th Pac. Sci. Congr. Batavia, Guidebook, 118p.
- Sugiura, M., & Kamei, T., 2018, *Geomagnetic Equatorial Dst index Home Page*, On Dst index (description in the IAGA Buletin No 40): <http://wdc.kugi.kyoto-u.ac.jp/dstdir/>, diakses tanggal 6 Mei 2019.
- Sunardi, B., Muslim, B., & Pakpahan, S., 2015, Anomali Total Electron Content (TEC) Sebelum Gempabumi Kuat di Indonesia Tahun 2014, *Seminar Nasional Jurusan Fisika FMIPA UNESA* (pp. 378-384), Surabaya: Jurusan Fisika UNESA ISBN : 978-979-028-785-3.
- Sutawidjaja, I. S., 2006, Pertumbuhan Gunungapi Anak Krakatau setelah letusan katastrofis 1883, *Jurnal Geologi Indonesia*, 143-153.
- Suyanto, I., 2012, *Pemodelan Bawah Permukaan Gunung Merapi dari Analisis Dara Magnetik dengan Menggunakan Software Geosoft*, Yogyakarta : Program Studi Geofisika Departemen Fisika FMIPA UGM
- Tanaka, Y., 1993, Eruption mechanism as inferred from geomagnetic changes with special attention of Aso Volcano, *Jurnal of Volcanology and Geothermal Research*, 319-338
- Telford, Geldart, & Sherrif, 1990, *Applied Geophysics Second Edition*, United Kingdom: Cambridge University Press.
- Tierra Tecnica, 2019, *Earth electromagnetic measurement instrument manufacturer*, Tierra Tecnica : Three-component magnetometer FRG-604 RC: <http://www.tierra.co.jp>, diakses tanggal 3 Maret 2019
- Tjandra, K., 2015, *Mengenal Gunungapi, Bencana dan Hasil Letusannya*, Yogyakarta: Gadjah Mada University Press.
- Trimujiyata, 2018, *Informasi Erupsi G. Merapi 1 Juni 2018*, <http://www.vsi.esdm.go.id>, diakses tanggal 10 Maret 2019
- Toh, D. H., 2018, *Geomagnetic Equatorial Dst index Home Page*, Real-Time (Quicklook) Dst index: <http://wdc.kugi.kyoto-u.ac.jp/dstdir/>, diakses tanggal 14 Januari 2019.
- Uyeda, S., & M. Hayakawa, T. N., 2002, *Electric and Magnetic Phenomena Observer Berfore the Volcano-Seismic Activity in 2000 in the Izu Island Region, Japan*, <http://www.researchgate.com>, diakses tanggal 30 Januari 2019.
- Van Bemmelen, 1949, *The geology of Indonesia, vol 1A: General Geology*, GPO, The Hague.
- Voight B, Sukhyar R, Wirakusumah AD., 2000, *Introduction to the special issue on Merapi Volcano*, Journal of Volcanology and Geothermal Research. 100: 1-8. DOI: 10.1016/S0377-0273(00)00131-1

Waluyo, 2010, *Materi Kuliah Tektonik Indonesia MFS 3810*, Yogyakarta: Program Studi Geofisika, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada.

Zlotnicki, J., & Mouel, J. L., 1990, Possible electromagnetic origin of large magnetic variations at La Fournaise volcano, *Nature*, 343, 633-635

Zlotnicki, J. dan Bof, M., 1998, Volcanomagnetic signals associated with the quasi-continuous activity of the andesitic Merapi Volcano, Indonesia, *Physics of the Earth and Planetary Interior* 105 (1998) 119-130

Zobin, V. M., 2012, *Introduction to Volcanic Seismology Second Edition*, London: Elsevier.