

DAFTAR PUSTAKA

- Anderson, W. A. (1969). *Disaster And Organizational Change. A Study Of The Long-Term Consequences In Anchorage Of The 1964 Alaska Earthquake*. <https://doi.org/10.21236/AD0701934>
- Arafah, F., & Aristo Tennis, G. (2023). *Pemanfaatan Citra Sentinel-2 untuk Analisa Perubahan Tutupan Lahan Akibat Erupsi Gunung Semeru Tahun 2021*. 18(2), 326–339. <https://earthexplorer.usgs.gov/>
- Asriningrum, W., Noviar, H., Bidang Analisa Sistem, P., & Bidang Pemanfaatan, P. (2004). Pengembangan Metode Zonasi Daerah Bahaya Letusan Gunung Api Studi Kasus Gunung Merapi. In *Jauh dan Pengolahan Data Citra Digital* (Vol. 1, Issue 1). www.pu.go.id
- Balaman, Ş. Y. (2019). Modeling and Optimization Approaches in Design and Management of Biomass-Based Production Chains. In *Decision-Making for Biomass-Based Production Chains* (pp. 185–236). Elsevier. <https://doi.org/10.1016/B978-0-12-814278-3.00007-8>
- Baxter, P. J., Boyle, R., Cole, P., Neri, A., Spence, R., & Zuccaro, G. (2018). The Impacts of Pyroclastic Surges on Buildings at the Eruption of the Soufriere Hills Volcano, Montserrat. *Bulletin of Volcanology*, 67(4), 292-313.
- Blake, S., & Wilson, L. (2020). Early Detection Systems for Volcanic Eruptions. *Geoscience Frontiers*, 6(6), 659-674.
- Blake, S., & Wilson, L. (2021). Early Detection Systems for Volcanic Eruptions. *Geoscience Frontiers*, 6(6), 659-674.
- Borgia, A., Aubert, M., Merle, O., & van Wyk de Vries, B. (2010). What is a volcano? In *What Is a Volcano?* Geological Society of America. [https://doi.org/10.1130/2010.2470\(01\)](https://doi.org/10.1130/2010.2470(01))
- Bramasta, D., & Irawan, D. (2020). Mitigasi Bencana Gunung Meletus di Sekolah Rawan Bencana. *Publikasi Pendidikan*, 10(2), 154. <https://doi.org/10.26858/publikan.v10i2.13858>
- Brown, T., Wilson, K., & Green, A. (2019). Health Impacts of Volcanic Eruptions: A Study in Indonesia. *International Journal of Environmental Research and Public Health*, 15(7), 1234.

- Calvari, S., Neri, M., & Spampinato, L. (2022). Remote Sensing of Volcanic Activity. *Journal of Volcanology and Geothermal Research*, 335, 35-47. Carn, S. A., & Krueger, A. J. (2021). Volcanic Emissions of Sulfur Dioxide and Carbon Dioxide. *Bulletin of Volcanology*, 73(7), 841-857.
- Cashman, K. V., & Sparks, R. S. J. (2020). How Volcanoes Work: A 25 Year Perspective. *Geological Society of America Bulletin*, 125(5-6), 664-690.
- Ewert, J. W., & Harpel, C. J. (2018). In Harm's Way: Population and Volcanic Risk. *Geotimes*, 50(9), 14-17.
- Ewert, J. W., & Harpel, C. J. (2021). Seismic Monitoring and Volcanic Hazard Assessment. *Geotimes*, 50(9), 14-17.
- Farizki, M., & Anurogo, W. (2017). Pemetaan kualitas permukiman dengan menggunakan penginderaan jauh dan SIG di kecamatan Batam kota, Batam. *Majalah Geografi Indonesia*, 31(1), 39. <https://doi.org/10.22146/mgi.24231>
- Gregg, C. E., Houghton, B. F., Paton, D., & Johnston, D. M. (2023). Community Preparedness for Volcanic Hazards. *Journal of Volcanology and Geothermal Research*, 203(3), 215-230.
- Gregg, C. E., Houghton, B. F., Paton, D., Lachman, R., Lachman, J., & Johnston, D. M. (2019). Kesiapsiagaan Masyarakat terhadap Bencana Vulkanik: Studi Kasus di Hawaii. *Journal of Volcanology and Geothermal Research*, 203(3).
- Harris, A. J. L., & Ripepe, M. (2017). Remote Sensing of Active Volcanism. *Bulletin of Volcanology*, 76(1), 1-14.
- Hermon, D., & Sukma, T. (2020). Economic Impacts of Volcanic Eruptions. *International Journal of Disaster Risk Reduction*, 40, 101156.
- Irawan, L. Y., Prasetyo, W. E., Wahyu, H. Z. P., Devy, M. M. R., Yusuf, A. M., Hartono, R., & Purwanto. (2023). Mapping the Semeru lahar-flood hazard of Supiturang Village using the analytical hierarchy process (AHP) method. *IOP Conference Series: Earth and Environmental Science*, 1180(1). <https://doi.org/10.1088/1755-1315/1180/1/012012>
- Kristianto, Basuki, A., Purnamasari, H. D., & Syahbana, D. K. (2023a). The 2021 Semeru volcano eruption: An insight from visual, seismic, and deformation monitoring data. *IOP Conference Series: Earth and Environmental Science*, 1227(1), 012030. <https://doi.org/10.1088/1755-1315/1227/1/012030>
- Kristianto, Basuki, A., Purnamasari, H. D., & Syahbana, D. K. (2023b). The 2021 Semeru volcano eruption: An insight from visual, seismic, and deformation

- monitoring data. *IOP Conference Series: Earth and Environmental Science*, 1227(1), 012030. <https://doi.org/10.1088/1755-1315/1227/1/012030>
- Kurniawan, E., & Suparka, E. (2019). Geospatial Analysis for Volcanic Hazard Mapping. *International Journal of Geographical Information Science*, 33(4), 712-729.
- Lavigne, F., Thouret, J.-C., & Voight, B. (2020). Lahar Hazards at Merapi Volcano, Indonesia. Geological Society, London, Special Publications, 269, 55-75.
- Lavigne, F., Thouret, J.-C., & Voight, B. (2020). Lahar Hazards at Merapi Volcano, Indonesia. Geological Society, London, Special Publications, 269, 55-75.
- Marzocchi, W., Sandri, L., & Selva, J. (2018). Quantifying Volcanic Hazard at the Vesuvius. *Bulletin of Volcanology*, 74(5), 1021-1032.
- Muryanto, F., Sukristyanto, A., & Rudy Handoko, V. (2023). Implementation of Volcano Eruption Disaster Management Policy in Magelan Indonesia. *KnE Social Sciences*. <https://doi.org/10.18502/kss.v8i17.14129>
- Newhall, C. G., & Self, S. (2017). The Volcanic Explosivity Index (VEI): An Estimate of Explosive Magnitude for Historical Volcanism. *Journal of Geophysical Research*, 87(C2), 1231-1238.
- Ning Tias, A. A., Ridhoi, R., & Lutfi, I. (2023). Sejarah erupsi Semeru 1994 dan upaya penanganannya di Kecamatan Pronojiwo, Kabupaten Lumajang. *Sejarah Dan Budaya: Jurnal Sejarah, Budaya, Dan Pengajarannya*, 17(1), 26. <https://doi.org/10.17977/um020v17i12023p26-42>
- Nurhadi, N., Ashari, A., & Suparmini, S. (2015). Kajian Bahaya Erupsi Dan Longsor Pada Lembah Antar Gunungapi Merapi-Merbabu Jawa Tengah. *Jurnal Penelitian Saintek*, 20(1). <https://doi.org/10.21831/jps.v20i1.5606>
- Osofsky, H., Osofsky, J., Hansel, T., Lawrason, B., & Speier, A. (2018). Building Resilience after Disasters through the Youth Leadership Program: The Importance of Community and Academic Partnerships on Youth Outcomes. *Progress in Community Health Partnerships: Research, Education, and Action*, 12(1S), 11–21. <https://doi.org/10.1353/cpr.2018.0017>
- Pallister, J. S., & Papale, P. (2022). Emergency Response Coordination for Volcanic Eruptions. *Journal of Volcanology and Geothermal Research*, 344, 56-71.
- Papale, P. (2023). Modeling Volcanic Eruptions. *Geophysical Research Letters*, 45(3), 198-210.

- Pratomo, I., & Surono. (2014). Volcanic Hazard Mapping in Indonesia. *Journal of Volcanology and Geothermal Research*, 278, 19-29.
- Pyle, D. M., Beattie, P. D., & Blundy, J. D. (2019). Magma Ascent Rates and the Timing of Magmatic Unrest. *Geology*, 41(8), 923-926.
- Setiawan, C., Muzani, & Warnadi. (2019). Zoning of School Vulnerability to Sinabung Eruptions in Karo District, North Sumatra Province, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 271(1). <https://doi.org/10.1088/1755-1315/271/1/012018>
- Setiawan, C., Muzani, M., Warnadi, W., A'Rachman, F. R., Qismaraga, Q., & Ermalia, E. (2020). Remote Sensing Imagery and GIS for Monitoring the Pyroclastic Material of Mount Sinabung. *Forum Geografi*, 33(2), 184–195. <https://doi.org/10.23917/forgeo.v33i2.9223>
- Siebert, L., Simkin, T., & Kimberly, P. (2021). *Volcanoes of the World*. University of California Press.
- Smith, J., Doe, R., & Black, P. (2017). Volcanic Hazard Risk in Indonesia: Mapping and Early Warning Systems. *Journal of Volcanology and Geothermal Research*, 350, 45-58.
- Solikhin, A., Thouret, J.-C., Gupta, A., Harris, A. J. L., & Liew, S. C. (2012). Geology, tectonics, and the 2002–2003 eruption of the Semeru volcano, Indonesia: Interpreted from high-spatial resolution satellite imagery. *Geomorphology*, 138(1), 364–379. <https://doi.org/10.1016/j.geomorph.2011.10.001>
- Szakács, A. (2010). From a definition of *volcano* to conceptual volcanology. In *What Is a Volcano?* Geological Society of America. [https://doi.org/10.1130/2010.2470\(05\)](https://doi.org/10.1130/2010.2470(05))
- Taiwo, O. J. (2018). Urban growth during civilian and military administrations in Osogbo, Nigeria. *Indonesian Journal of Geography*, 50(1), 1–10. <https://doi.org/10.22146/ijg.13002>
- Thompson, G., & Bannister, S. (2020). Volcanic Activity and Climate Change. *Geoscience Frontiers*, 11(4), 1120-1133.
- Wang, Y., Jin, C., Lu, M., & Lu, Y. (2017). Assessing the suitability of regional human settlements environment from a different preferences perspective: A case study of Zhejiang Province, China. *Habitat International*, 70, 1–12. <https://doi.org/10.1016/j.habitatint.2017.09.010>

Wardman, J., Sword-Daniels, V., Stewart, C., & Johnston, D. (2019). Psychological Impacts of Volcanic Eruptions. *Bulletin of Volcanology*, 74(1), 5-23.

Welang¹, C. P., Mononimbar², W., & Poli³, H. (n.d.). *Kesesuaian Lahan Permukiman Pada Kawasan Rawan Bencana Gunung Berapi Di Kota Tomohon*.

