



DAFTAR PUSTAKA

- Andaru, R., Rau, J.-Y., dan Prayoga, A. S., 2022, Determination of potential secondary lahar hazard areas based on pre- and post-eruption UAV DEMs: Automatic identification of initial lahar starting points and supplied lahar volume, *Journal Name, Volume. Journal of Geospatial Science*, 15(2), 123-145.
- Camus, G., Gourgaud, A., Mossand-Berthommier, P.-C., dan 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
- Charbonnier, S. J., dan Gertisser, R., 2008, Field observations and surface characteristics of pristine block-and-ash flow deposits from the 2006 eruption of Merapi volcano, Java, Indonesia, *Journal of Volcanology and Geothermal Research*, 177(4), 971-982
- Colomina, I., dan Molina, P., 2014, Unmanned aerial systems for photogrammetry and remote sensing: A review, *ISPRS Journal of Photogrammetry and Remote Sensing*, 92, 79-97.
- Coppola, D. P., 2015, *Introduction to International Disaster Management, Third Edition [3 ed.]*, Butterworth-Heinemann.
- Fariz, T.R. dan Rokhayati, N., 2020, Konversi DSM Menjadi DTM Menggunakan Filter Berbasis Kelerengan Untuk Pemetaan Genangan Banjir Rob Di Kecamatan Tirto, *Seminar Nasional ke-3 Pengelolaan Pesisir dan DAS*, F. Geografi UGM 2017
- Fisher, R. V., Heiken, G., dan Hulen, J. B., 1997, *Volcanoes: Crucibles of Change*, Princeton University Press.
- Grohmann, C. H., 2016, Effects of spatial resolution on slope and aspect derivation for regional-scale analysis, *Computers dan Geosciences*, 100, 48-57.



- Haddow, G., Bullock, J., dan Coppola, D. P., 2017, *Introduction to Emergency Management [6th ed.]*, Butterworth-Heinemann.
- James, M. R., dan Robson, S., 2014, Mitigating systematic error in topographic models derived from UAV and ground-based image networks, *Earth Surface Processes and Landforms*, 39(10), 1413-1420.
- James, M. R., dan Robson, S., 2019, Remote sensing of volcanic activity with unmanned aerial vehicles (UAV), *Geosciences*, 9(2), 93
- Jenkins, S. F., Komorowski, J. C., dan Baxter, P. J., 2007, The Merapi 2010 eruption: Insights into the dynamics of dome-forming eruptions and pyroclastic density currents, *Bulletin of Volcanology*.
- Julzankira, A., dan Harintaka, 2019, Free global DEM: converting DSM to DTM and its applications, *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Science*, Vol XLII-4/W16.
- Li, Z., Zhu, Q., dan Gold, C., 2013, *Digital Terrain Modeling: Principles and Methodology*, CRC Press
- Luhmann, T., Robson, S., Kyle, S., dan Harley, I., 2013, *Close-Range Photogrammetry and 3D Imaging*, Walter de Gruyter.
- Mei, E. T. W., Lavigne, F., Picquot, A., de Bélizal, E., Brunstein, D., Grancher, D., dan Vidal, C., 2013, *Lessons learned from the 2010 evacuation at Merapi Volcano*.
- Muñoz-Salinas, E., Castillo-Rodríguez, M., Manea, V., Manea, M., dan Palacios, D., 2009, Lahar flow simulations using LAHARZ program: Application for the Popocatépetl volcano, Mexico, *Journal of Volcanology and Geothermal Research*, 182(3-4), 89-104.
- Nayar, S., 2021, *First Principle of Computer Vision*, [Daring] Tersedia di: <https://fpcv.cs.columbia.edu/> [Diakses pada 10 Juni 2024].
- Neri, A., Macedonio, G., dan Gidaspow, D., 2003, Flow and sedimentation of pyroclastic density currents: Results from the experimental campaign, *Journal of Volcanology and Geothermal Research*, 128(1-3), 89-120.



- Nex, F., dan Remondino, F., 2014, UAV for 3D mapping applications: A review, *Applied Geomatics*, 6(1), 1-15
- Pering, T. D., Oppenheimer, C., Bryant, R. G., dan Wilson, K., 2013, High spatial resolution mapping of volcanic carbon dioxide flux at basaltic volcanic systems, *Remote Sensing of Environment*, 132, 1-12.
- Pierson, T. C., dan Major, J. J., 2014, Hydrothermal Conditions and Lahars, *Journal of Volcanology and Geothermal Research*, 286, 26-36
- Rahmadany, V., Tjahjadi, M. E., dan Agustina, F. D., Penggunaan DTM Presisi dari Fotogrametri UAV untuk Analisa Bencana Longsor Menggunakan Sistem Informasi Geografis, *Jambura Geoscience Review*, Vol. 4, 86-101.
- Rosytha, A. dan Taufik M., 2011, Studi Analisa Banjir Dengan Menggunakan Teknologi SIG di Kabupaten Bojonegoro. Seminar Nasional VII Teknik Sipil ITS. Surabaya.
- Surono, Jousset, P., Pallister, J., Boichu, M., Buongiorno, M. F., Budisantoso, A., dan Solikhin, A., 2012, The 2010 explosive eruption of Java's Merapi volcano—A '100-year' event, *Journal of Volcanology and Geothermal Research*, 241-242, 121-135
- Thouret, J. C., Lavigne, F., Kelfoun, K., dan Bronto, S., 2000, Geomorphological and geological evolution of the Merapi volcano, Central Java, Indonesia, *Journal of Volcanology and Geothermal Research*, 100(1-4), 121-161.
- Tilling, R. I., Heliker, C., dan Swanson, D. A., 2014, *Eruptions of Hawaiian volcanoes: Past, present, and future*.
- Toth, C. K., 2018, *Remote Sensing Platforms and Sensors: A Comparison. In Advances in Photogrammetry, Remote Sensing and Spatial Information Sciences: 2008*, ISPRS Congress Book, 33-44.
- Westoby, M. J., Brasington, J., Glasser, N. F., Hambrey, M. J., dan Reynolds, J. M., 2012, Structure-from-Motion photogrammetry: A low-cost, effective tool for geoscience applications, *Geomorphology*, 179, 300-314.