

DAFTAR PUSTAKA

- Aizebeokhai, A. P., 2010, 2D and 3D geoelectrical resistivity imaging : Theory and field design, *Scientific Research and Essays*, 5, 23, 3592–3605.
- Amirahmadi, A., Pourhashemi, S., Karami, M., dan Akbari, E., 2016, Modeling of landslide volume estimation, *Open Geosciences*, 1, 8, 360–370.
- Assilzadeh, H., Levy, J. K., dan Wang, X., 2010, Landslide catastrophes and disaster risk reduction: A GIS framework for landslide prevention and management, *Remote Sensing*, 2, 9, 2259–2273.
- Bakosurtanal, 2000, Peta Rupa Bumi Indonesia Lembar Kepil 1408-233, edisi ke-1, *Peta*, Bakosurtanal, Jakarta.
- Bichler, A., Bobrowsky, P., Best, M., Douma, M., Hunter, J., Calvert, T., dan Burns, R., 2004, Three-dimensional mapping of a landslide using a multi-geophysical approach: The Quesnel Forks landslide, *Landslides*, 1, 1, 29–40.
- BNPB, 2016, *Risiko Bencana Indonesia*, Badan Nasional Penanggulangan Bencana, Jakarta.
- BNPB, 2019a, Data dan Informasi Bencana Indonesia, <https://bnpb.cloud/dibi/tabel1b>, 22 April 2019, diakses tanggal 22 April 2019.
- BNPB, 2019b, Data dan Informasi Bencana Indonesia, <https://bnpb.cloud/dibi/laporan5>, 27 Juni 2019, diakses tanggal 27 Juni 2019.
- Cahyaningrum, Z. R., 2017, Hubungan Mikorelief dengan Karakteristik Fisik Material Tanah Permukaan di Wilayah Longsor Aktif (Kasus Longsor Besar di Desa Margoyoso, Kecamatan Salaman, Kabupaten Magelang, Jawa Tengah), *Tesis*, Fakultas Geografi, UGM, Yogyakarta.
- Car, M., Kaćunić, D. J., dan Kovačević, M.-S., 2016, Application of Unmanned Aerial Vehicle for Landslide Mapping, dalam prosiding *International Symposium on Engineering Geodesy*, 549–560.
- Chambers, J. E., Wilkinson, P. B., Kuras, O., Ford, J. R., Gunn, D. A., Meldrum, P. I., Pennington, C. V. L., Weller, A. L., Hobbs, P. R. N., dan Ogilvy, R. D., 2011, Three-dimensional geophysical anatomy of an active landslide in Lias Group mudrocks, Cleveland Basin, UK, *Geomorphology*, 125, 4, 472–484.
- Colomina, I. dan P. Molina, 2014, "Unmanned Aerial Systems for Photogrammetry and Remote Sensing: A Review", *ISPRS Journal of Photogrammetry and Remote Sensing*, hal. 79-97.
- Cruden, D. M., dan Varnes, D. J., 1996, Landslide types and processes, dalam *Landslides: investigation and mitigation*, diedit oleh Turner, A. K., dan Schuster, R. L., *Special Report 247*, National Research Council, Transportation Research Board, National Academi Press, Washington D. C., 36–75.

- Dai, F., Lee, C., dan Ngai, Y., 2002, Landslide risk assessment and management: an overview, *Engineering Geology*, 64, 1, 65–87.
- de Priester, L., 2016, An approach to the profile of disaster risk of Indonesia, *Emergency and Disaster Reports*, 3, 2, Unit for Research in Emergency and Disaster, Department of Medicine, University of Oviedo, Oviedo, Spain.
- deGroot-Hedlin, C. dan Constable, S., 1990, Occam's Inversion to Generate Smooth two-dimensional models from magnetotelluric data. *Geophysics*, 55, 1613-1624.
- Dewitte, O., dan Demoulin, A., 2005, Morphometry and kinematics of landslides inferred from precise DTMs in West Belgium, *Natural Hazards and Earth System Science*, 5, 2, 259–265.
- Donohue, S., Long, M., L'Heureux, J. S., Solberg, I. L., Sauvin, G., Rømoen, M., ... O'Connor, P., 2014, The use of geophysics for sensitive clay investigations, dalam *Advances in Natural and Technological Hazards Research*, 36, 159–178.
- Grandjean, G., Gourry, J. C., Sanchez, O., Bitri, A., dan Garambois, S., 2011, Structural study of the Ballandaz landslide (French Alps) using geophysical imagery, *Journal of Applied Geophysics*, 75, 3, 531–542.
- Guzzetti, F., Ardizzone, F., Cardinali, M., Galli, M., Reichenbach, P., dan Rossi, M., 2008, Distribution of landslides in the Upper Tiber River basin, central Italy, *Geomorphology*, 96, 1–2, 105–122.
- Guzzetti, F., Ardizzone, F., Cardinali, M., Rossi, M., dan Valigi, D., 2009, Landslide volumes and landslide mobilization rates in Umbria, central Italy, *Earth and Planetary Science Letters*, 279, 3–4, 222–229.
- Guzzetti, F., Mondini, A. C., Cardinali, M., Fiorucci, F., Santangelo, M., dan Chang, K. T., 2012, Landslide inventory maps: New tools for an old problem, *Earth-Science Reviews*, 112, 42–66.
- Hadmoko, D. S., Lavigne, F., Sartohadi, J., Gomez, C., dan Daryono, D., 2017, Spatio-Temporal Distribution of Landslides in Java and the Triggering Factors, *Forum Geografi*, 1, 31, 1-15.
- Highland, L.M., Bobrowsky, P., 2008, *The landslide handbook – A guide to understanding landslide*: Reston, Virginia, U.S. Geological Survey Circular 1325, 129.
- Hovius, N., Stark, C. P., dan Allen, P. A., 1997, Sediment flux from a mountain belt derived by landslide mapping, *Geology*, 25, 3, 231–234.
- Hungr, O., McDougall, S., dan Bovis, M., 2005, Entrainment of material by debris flows, dalam *Debris-Flow Hazards and Related Phenomena*, diedit oleh Jakob, M., dan Hungr, O., Springer, Berlin, 136–157.

- ITC, 2009a, *Principles of Geographic Information System*, diedit oleh Huisman, O., dan de By, R. A., 4, The International Institute for Geo-Information Science and Earth Observation, Enchede.
- ITC, 2009b, *Principles of Remote Sensing*, diedit oleh Tempfli, K., Kerle, N., Huurneman, G. C., dan Janssen, L. L.F., 4, The International Institute for Geo-Information Science and Earth Observation, Enchede.
- Jaiswal, P., dan van Westen, C. J., 2013, Use of quantitative landslide hazard and risk information for local disaster risk reduction along a transportation corridor: A case study from Nilgiri district, India, *Natural Hazards*, 65, 1, 887–913.
- Jongmans, D., dan Garambois, S., 2007, Geophysical investigation of landslides: A review, *Bulletin de La Societe Geologique de France*.
- Kajiyama, A., Shiono, K., Masumoto, S., dan Fujita, T., 2005, Basic theory of three-dimensional landslide modeling based on the logical model of geologic structure, *Landslides*, 2, 212–220.
- Kirschbaum, D. B., Adler, R., Hong, Y., Hill, S., dan Lerner-Lam, A., 2010, A global landslide catalog for hazard applications: Method, results, and limitations, *Natural Hazards*, 52, 3, 561–575.
- Kirschbaum, D., Stanley, T., dan Zhou, Y., 2015, Spatial and temporal analysis of a global landslide catalog. *Geomorphology*, 249, 4–15.
- Klar, A., Aharonov, E., Kalderon-Asael, B., dan Katz, O., 2011, Analytical and observational relations between landslide volume and surface area, *Journal of Geophysical Research: Earth Surface*, 116, 2.
- Larsen, I. J., Montgomery, D. R., dan Korup, O., 2010, Landslide erosion controlled by hillslope material, *Nature Geoscience*, 3, 4, 247–251.
- Liu Q., dan Gu Y. J., 2012, Seismic imaging: From classical to adjoint tomography, *Tectonophysics*, 566–567, 31–66.
- Loke, M. H., Chambers, J. E., Rucker, D. F., Kuras, O., dan Wilkinson, P. B., 2013, Recent developments in the direct-current geoelectrical imaging method, *Journal of Applied Geophysics*, 95, 135–156.
- Malamud, B. D., Turcotte, D. L., Guzzetti, F., dan Reichenbach, P., 2004, Landslide inventories and their statistical properties, *Earth Surface Processes and Landforms*, 29, 6, 687–711.
- Marfai, M. A., King, L., Singh, L. P., Mardiatno, D., Sartohadi, J., Hadmoko, D. S., dan Dewi, A., 2008, Natural hazards in Central Java Province, Indonesia: An overview, *Environmental Geology*, 56, 2, 335–351.
- Masruroh, H., Sartohadi, J., dan Setiawan, A., 2016, Membangun Metode Identifikasi Longsor Berbasis Foto Udara Format Kecil di DAS Bompon, Magelang, Jawa Tengah, *Majalah Geografi Indonesia*, 30, 2, 169–181.

- McQuillin, R., Bacon, M., dan Barclay, W., 1984, *An introduction to seismic interpretation*, edisi ke-2, Graham & Trotman Ltd., London.
- Meiarti, R., 2016, Penentuan Zonasi Detail Bahaya Longsor Menggunakan Mosaik Ortofoto UAV di Sub-DAS Bompon Kabupaten Magelang Provinsi Jawa Tengah, *Tesis*, Sekolah Pascasarjana, UGM, Yogyakarta.
- Merritt, A. J., Chambers, J. E., Murphy, W., Wilkinson, P. B., West, L. J., Gunn, D. A., Meldrum, P. I., Kirkham, M., dan Dixon, N., 2014, 3D ground model development for an active landslide in Lias mudrocks using geophysical, remote sensing and geotechnical methods, *Landslides*, 11, 4, 537–550.
- Mokhtar, M. R. M., Matori, A. N., Yusof, K. W., Embong, A. M., dan Jamaludin, M. I., 2014, Assessing UAV Landslide Mapping Using Unmanned Aerial Vehicle (UAV) for Landslide Mapping Activity, *Applied Mechanics and Materials*, 567, 669–674.
- Ngadisih, Samodra, G., Bhandary, N. P., dan Yatabe, R., 2017, Landslide inventory: Challenge for landslide hazard assessment in Indonesia, *GIS Landslide*, 135–159.
- Nikolaeva, E., Walter, T. R., Shirzaei, M., dan Zschau, J., 2014, Landslide observation and volume estimation in central Georgia based on L-band InSAR, *Natural Hazards and Earth System Sciences*, 3, 14, 675–688.
- Perrone, A., Lapenna, V., dan Piscitelli, S., 2014, Electrical resistivity tomography technique for landslide investigation: A review, *Earth-Science Reviews*, 135, 65-82.
- Pratiwi, E. S., 2016, Integrasi Metode Geofisika dan Geokimia untuk Investigasi Material dan Mekanisme Longsor Tipe Rotational Slide di DAS Bompon Kabupaten Magelang, Provinsi Jawa Tengah, *Tesis*, Fakultas MIPA, UGM, Yogyakarta.
- Pratiwi, E. S., Sartohadi, J., dan Wahyudi, 2019, Geoelectrical Prediction for Sliding Sliding Plane Layers of Rotational Landslides at the Volcanic Transitional Landscape in Indonesia, *IOP Conference Series: Earth and Environmental Science*, 286.
- Rahardjo, W., Sukandarrumidi, Rosidi, H. M.D., 1995, Peta Geologi Lembar Yogyakarta, Jawa, *Peta*, Pusat Penelitian dan Pengembangan Geologi, Bandung.
- RES2DINV ver. 3.54. 2004,, Rapid 2-D Resistivity and IP inversion using the least-squares method, *Geotomo Software*, Malaysia.
- Rosser, B., Dellow, S., Haubrock, S., dan Glassey, P., 2017, New Zealand's National Landslide Database, *Landslides*, 14, 6, 1949–1959.
- Samodra, G., Chen, G., Sartohadi, J., & Kasama, K. (2014). Generating landslide inventory by participatory mapping: An example in Purwosari Area, Yogyakarta, Java. *Geomorphology*.

- Samodra, G., Chen, G., Sartohadi, J., dan Kasama, K., 2017, Comparing data-driven landslide susceptibility models based on participatory landslide inventory mapping in Purwosari area, Yogyakarta, Java, *Environmental Earth Sciences*, 76, 4.
- Samyn, K., Travelletti, J., Bitri, A., Grandjean, G., dan Malet, J. P., 2012, Characterization of a landslide geometry using 3D seismic refraction traveltome tomography: The La Valette landslide case history, *Journal of Applied Geophysics*, 86, 120–132.
- Solberg, I. L., Long, M., Baranwal, V. C., Gylland, A. S., dan Rønning, J. S., 2016, Geophysical and geotechnical studies of geology and sediment properties at a quick-clay landslide site at Esp, Trondheim, Norway, *Engineering Geology*, 208, 214–230.
- Stumpf, A., 2013, *Landslide Recognition and Monitoring with Remotely Sensed Data from Passive Optical Sensors*. Strasbourg, Perancis: University of Strasbourg.
- Su, L. J., Xu, X. Q., Geng, X. Y., dan Liang, S. Q., 2017, An integrated geophysical approach for investigating hydro-geological characteristics of a debris landslide in the Wenchuan earthquake area, *Engineering Geology*, 219, 52–63.
- Telford, W. M., Geldart, L. P., dan Sheriff, R. E., 1990, *Applied Geophysics*, edisi ke-2, Cambridge University Press, Cambridge (UK).
- Tim Riset Transbulent, 2015, Mosaik Ortofoto Sub-DAS Bompon, *Mosaik Ortofoto*, Transbulent, Magelang.
- Todingan, M. P., 2016, Pemanfaatan Foto Udara Format Kecil untuk Analisis Rawan Longsor pada Lahan Vegetasi Kelapa (*Cocos nucifera L*) dan Sengon (*Albizia falcataria L*) di Sub-DAS Bompon, Magelang, Jawa Tengah, *Tesis*, Sekolah Pascasarjana, UGM, Yogyakarta.
- Toth, C., dan Józków, G., 2016, Remote sensing platforms and sensors: A survey, *ISPRS Journal of Photogrammetry and Remote Sensing*.
- Van Bemmelen, R.M., 1949, *The Geology of Indonesia Vol 1*, Netherland: Government Printing Office, The Hague.
- Van Westen, C. J., Rangers, N., dan Soeters, R. 2003, Use of Geomorphological Information in Indirect Landslide Susceptibility Assessment, *Journal of Natural Hazards*, Kluwer Academic Publishmeers, Enschede, The Netherlands.
- Van Westen, C. J., van Asch, T. W. J., dan Soeters, R., 2006, Landslide hazard and risk zonation - Why is it still so difficult?, *Bulletin of Engineering Geology and the Environment*, 65, 2, 167–184.
- Varnes, D. J., 1978, Slope movement types and processes, dalam *Landslides: Analysis and Control*, diedit oleh Schuster, R. L., dan Krizek, R. J., *Special Report 176*, National Academy of Science, Washington, D. C., 11-33.

- Wieczorek, G. F., 1984, Preparing a Detailed Landslide-Inventory Map for Hazard Evaluation and Reduction, *Environmental & Engineering Geoscience*, 11, 3, 337–342.
- Wida, W. A., Maas, A., dan Sartohadi, J., 2019, Pedogenesis of Mt. Sumbing Volcanic Ash above The Alteration Clay Layer in The Formation of Landslide Susceptible Soils in Bompon Sub-Watershed, *Ilmu Pertanian*, 4(1), 15.
- Yerro, A., Alonso, E. E., dan Pinyol, N. M., 2016, Run-out of landslides in brittle soils, *Computers and Geotechnics*, 80, 427–439.
- Zhang, M., dan Yin, Y.P., 2013, Dynamics, mobility-controlling factors and transport mechanisms of rapid long-runout rock avalanches in China, *Eng. Geol.* 167, 1, 37–58.