



## **DAFTAR PUSTAKA**

- Anbalagan, R., 1992, Landslide hazard evaluation and zonation mapping in mountainous terrain: *Engineering Geology*, v. 32, p. 270–273, doi:10.1016/0013-7952(92)90053-2.
- Aryanto, W.D., dan Noor, D., 2017, Geologi Daerah Gedangsari Dan Sekitarnya, Kecamatan Gedangsari Kabupaten Gunung Kidul, Daerah Istimewa Yogyakarta: *Jurnal Online Mahasiswa (JOM) Bidang Teknik Geologi*, v. 1, p. 2–5.
- Ashar, F., Amaratunga, D., Sridarran, P., dan Haigh, R., 2018, Practices of tsunami evacuation planning in Padang, Indonesia, *in Coastal Management: Global Challenges and Innovations*, Elsevier, p. 407–408, doi:10.1016/B978-0-12-810473-6.00019-4.
- Ayalew, L., Yamagishi, H., Marui, H., dan Kanno, T., 2005, Landslides in Sado Island of Japan: Part II. GIS-based susceptibility mapping with comparisons of results from two methods and verifications: *Engineering Geology*, v. 81, doi:10.1016/j.enggeo.2005.08.004.
- Bekkar, M., Djemaa, H.K., dan Alitouche, T.A., 2013, Evaluation Measures for Models Assessment over Imbalanced Data Sets: *Journal of Information Engineering and Applications*, v. 3, p. 31, <http://www.iiste.org/Journals/index.php/JIEA/article/view/7633>.
- BNPB, 2021, Kejadian Bencana Tahun 2021: BNPB, <https://bnpb.go.id/infografis/kejadian-bencana-tahun-2021#> (accessed Mei 2022).
- BPBD Kabupaten Gunungkidul, dan PSBA UGM, 2016, Peta Risiko Tanah Longsor Kabupaten Gunungkidul Provinsi D.I. Yogyakarta:
- Brahmantyo, B., dan Bandono, 2006, Klasifikasi Bentuk Muka Bumi: *Geoaplika*, v. 1, p. 71–79.
- Chacon, J., Irigaray, C., Fernandez, T., dan El Hamdouni, R., 2006, Engineering geology maps: landslides and geographical information systems: *Bulletin of Engineering Geology and The Environment*, v. 65, p. 342.
- Chang, K.-T., 2019, Geographic Information System: The International Encyclopedia of Geography, p. 1–2, doi:10.1002/9781118786352.wbieg0152.pub2.
- Cruden, D.M., 1991, A simple definition of a landslide: *Bulletin of the International Association of Engineering Geology - Bulletin de l'Association Internationale de Géologie de l'Ingénieur*, v. 43, doi:10.1007/BF02590167.
- Dearman, W.R., 1991, *Engineering Geological Mapping*: Oxford, Butterworth-Heinemann Ltd, 37 p., doi:10.1007/BF02634605.
- Efendi, H.A., Marliyani, G.I., dan Pramumijoyo, S., 2021, Recent faulting along



Gorontalo fault based on seismicity data analysis and lineament mapping: E3S Web of Conferences, v. 325, p. 2, doi:10.1051/e3sconf/202132501013.

Hadmoko, S.D., Lavigne, F., dan Samodra, G., 2017, Application of a semiquantitative and GIS-based statistical model to landslide susceptibility zonation: Natural Hazards, v. 87, p. 438, doi:10.1007/s11069-017-2772-z.

Highland, L.M., dan Bobrowsky, P., 2008, The Landslide Handbook - A Guide to Understanding Landslides: 4–42 p., <http://landslides.usgs.gov/>.

Hung, L.Q., Batelaan, O., dan de Smedt, F., 2005, Lineament extraction and analysis, comparison of LANDSAT ETM and ASTER imagery. Case study: Suoi Muoi tropical karst catchment, Vietnam, in Ehlers, M. ed., SPIE, p. 1.

International Strategy for Disaster Reduction, 2003, UN-ISDR: Terminology on disaster risk reduction (working document): Asian Disaster Reduction Center (ADRC), p. 2, <https://www.adrc.asia/publications/terminology/top.pdf> (accessed Mei 2022).

Johnson, C., Affolter, M.D., Inkenbrandt, P., dan Mosher, C., 2021, Landslide Classification and Identification: Salt Lake Community College.

Kabupaten Gunungkidul, 2011, Peraturan Daerah Kabupaten Gunungkidul Nomor 6 Tahun 2011 Tentang Rencana Tata Ruang Wilayah Kabupaten Gunungkidul:

Khafid, M.A., 2019, Analisis Penentuan Zonasi Pemukiman Risiko Bencana Tanah Longsor Berbasis Sistem Informasi Geografis: Studi Kasus Kecamatan Gedangsari, Kabupaten Gunung Kidul, Daerah Istimewa Yogyakarta: Jurnal Meteorologi Klimatologi dan Geofisika, v. 6, p. 49–57, doi:10.36754/jmkg.v6i1.114.

Menteri Energi dan Sumber Daya Mineral, 2000, Keputusan Menteri Energi dan Sumber Daya Mineral Nomor 1452 K/10/MEM/2000: , p. 1505–1508.

Mezughi, T.H., Akhir, J.M., Rafek, A.G., dan Abdullah, I., 2011, Landslide Susceptibility Assessment using Frequency Ratio Model Applied to an Area along the E-W Highway (Gerik-Jeli).

Mulyaningsih, S., dan Setiadi, T., 2014, Sistem Informasi Geografis Pemetaan Daerah Rawan Tanah Longsor di Kabupaten Gunung Kidul Berbasis Web: Jurnal Sarjana Teknik Informatika, v. 2, p. 948.

Nurohmah, A., 2017, Kajian Resiko Dan Mitigasi Bencana Longsorlahan Di Kecamatan Ngilipar, Kabupaten Gunungkidul, Daerah Istimewa Yogyakarta: Jurnal Enerzia Publik: Energi, Sosial, dan Administrasi Publik, v. 1, p. 28–35.

Pourghasemi, H.R., Pradhan, B., Gokceoglu, C., Pourghasemi, H.R., dan Gokceoglu, C., 2012, Application of fuzzy logic and analytical hierarchy process (AHP) to landslide susceptibility mapping at Haraz watershed, Iran:



v. 63, p. 965–996, doi:10.1007/s11069-012-0217-2.

Pratistho, B., Massora, M.R., Rodhi, A., Prasetya, C., dan Praktinyo, P., 2017, Geological Structure Control To Geometry of Groundwater Basin In The Non-Basin Area Of Groundwater, District Nglipar and Gedangsari District Gunungkidul, Special Regions of Yogyakarta: Journal Of Techno, p. 46–49.

Priangga, E., Pramumidjojo, S., dan Satryarno, I., 2018, Risiko Kestabilan Lereng Akibat Gempabumi (Studi Area di Kecamatan Patuk, Kabupaten Gunungkidul): Semesta Teknika, v. 21, p. 96–97, doi:10.18196/st.211215.

Pulunggono, A., dan Martodjojo, S., 1994, Perubahan tektonik Paleogen-Neogen merupakan peristiwa terpenting di Jawa, in Seminar Jurusan Teknik Geologi Fakultas Teknik UGM, p. 38–39.

Purbandini, Pratama, R.P., dan Susmiandri, S., 2019, Application of GIS for the mapping of landslide-vulnerable areas by through android-based Analytical Hierarchy Process (AHP) method in Bantul Regency: IOP Conference Series: Earth and Environmental Science, v. 245, doi:10.1088/1755-1315/245/1/012008.

Pusat Vulkanologi dan Mitigasi Bencana Geologi, 2013, Peta Zona Kerentanan Gerakan Tanah Kabupaten Gunungkidul, D.I. Yogyakarta:

Ramli, M.F., Yusof, N., Yusoff, M.K., Juahir, H., dan Shafri, H.Z.M., 2010, Lineament mapping and its application in landslide hazard assessment: a review: Bulletin of Engineering Geology Environment, v. 69, p. 226–227, doi:10.1007/s10064-009-0255-5.

Rasyid, A.R., Bhandary, N.P., dan Yatabe, R., 2016, Performance of frequency ratio and logistic regression model in creating GIS based landslides susceptibility map at Lompobattang Mountain , Indonesia: Geoenvironmental Disasters, p. 7, doi:10.1186/s40677-016-0053-x.

Saaty, T.L., 2008, Decision making with the analytic hierarchy process: International Journal Services Sciences, v. 1, p. 83–97, doi:10.1108/JMTM-03-2014-0020.

Saaty, R.W., 1987, The analytic hierarchy process-what it is and how it is used: Mathematical Modelling, v. 9, doi:10.1016/0270-0255(87)90473-8.

Santosa, L.W., 2005, Identification of Land Degradation and Method of Solution in Zone of Baturagung Hill at Gunung Kidul Regency: Forum Geografi, v. 19, p. 31–33, doi:10.23917/forgeo.v19i1.4571.

Saputra, A., Gomez, C., Hadmoko, S.D., dan Sartohadi, J., 2016, Coseismic landslide susceptibility assessment using geographic information system: Geoenvinronmental Disasters, p. 6–111, doi:10.1186/s40677-016-0059-4.

Setiadi, D., Muslim, D., dan Zakaria, Z., 2018, Klasifikasi Tingkat Kerentanan Gerakan Tanah Di Daerah Mukapayung Dan Sekitarnya Menggunakan



Metode Analytical Hierarchy Process (AHP): Jurnal Dialog Penanggulangan Bencana, v. 9, p. 161.

Shaluf, I.M., 2007, An overview on disasters: Disaster Prevention and Management: An International Journal, v. 16, p. 687–691, doi:10.1108/09653560710837000.

Srijono, Husein, S., Haryono, E., Yuwono, S.E., Samodra, H., Rachwibowo, P., dan Budiadi, E., 2008, Penerapan Pemetaan Geomorfologi Metode ITC dalam Menganalisis Geomorfologi Pegunungan Selatan Jawa Timur, *in* Prosiding Pertemuan Ilmiah Tahunan Iagi Ke-37 Hotel Horison Bandung, p. 322–336.

Sulistyo, B., 2016, Peranan Sistem Informasi Geografis Dalam Mitigasi Bencana Tanah Longsor, *in* Seminar Nasional "Mitigasi Bencana Dalam Perencanaan Pengembangan Wilayah", p. 9–11, doi:10.13140/RG.2.2.16705.97128.

Surono, Toha, B., dan Sudarno, I., 1992, Peta Geologi Lembar Surakarta - Giritontro, Jawa 1:100.000.

Undang-Undang RI, 2007, Undang-Undang Republik Indonesia Nomor 24 Tahun 2007 Tentang Penanggulangan Bencana.

Van Bemmelen, R.W., 1949, The Geology of Indonesia. General Geology of Indonesia and Adjacent Archipelagoes: The Hague, Government Printing Office, 732 p.

Varnes, D.J., 1958, Landslide Types and processes, *in* Landslides and engineering practice, p. 20–23.

Varnes, D., 1978, Slope Movement Types and Processes: Special report, v. 176, p. 11–33.

Yalcin, A., dan Bulut, F., 2007, Landslide susceptibility mapping using GIS and digital photogrammetric techniques: A case study from Ardesen (NE-Turkey): Natural Hazards, v. 41, p. 206–218, doi:10.1007/s11069-006-9030-0.