

DAFTAR PUSTAKA

- Alpaydin, E., 2010, Introduction to Machine Learning, MIT Press
- Althuwaynee, O., Aydda, A., Hwang, I., dan S. Kim, 2021, “LaGriSU” Tool pack for the automatic extraction of Grid and Slope units : Application to Inje Province (South Korea), Korean Society of Engineering Geology Annual General Meeting
- Alvioli, M., Marchesini, I., Reichenbach, P., dan M. Rossi, 2016, Automatic delineation of geomorphological slope units with r.slopeunits v1.0 and their optimization for landslide susceptibility modeling, *Geoscientific Model Development* 9:3975-3991
- Alzubi, J., Nayyar, A., dan A. Kumar, 2018, Machine Learning from Theory to Algorithms: An Overview, *Journal of Physics: Conf. Series* 1142 (2018) 012012, doi : 10.1088/1742-6596/1142/1/012012
- Aquino, D., Neto, O., Moreira, M., dan A. Teixeira, 2018, Use of remote sensing to identify areas at risk of degradation in the semi-arid region, *Revista Ciência Agronômica* 49(3)
- Arifianti, Y., Pamela, Iqbal, P., dan Sumaryono, 2023, Susceptibility Assessment of Earthquake-induced Landslides: the 2018 Palu, Sulawesi Mw 7.5 Earthquake, Indonesia, *The Mining-Geology-Petroleum Engineering Bulletin*, DOI: 10.17794/rgn.2023.3.4
- Ayodele, T., 2010, New advances in machine learning, Croatia : In-Teh
- Badan Informasi Geospasial, 2018, Peta Rupa Bumi Indonesia, <https://tanahair.indonesia.go.id/portal-web/downloadpetacetak>, diakses 1 Mei 2023, 18.00 WIB
- Badan Informasi Geospasial, 2021, Seamless Digital Elevation Model (DEM) Nasional dan Batimetri Nasional, <https://tanahair.indonesia.go.id/demnas/>, diakses 1 Mei 2023, 18.00 WIB
- Bonham-Carter, G., 1994, Geographic information systems for geoscientists: modelling with GIS, Oxford : Pergamon
- Buana, T., dan M. Agung, 2015, Liquefaction characteristic based on ground response linear equivalent analysis and cyclic stress concept on Young Merapi Volcanic Deposit in Bantul Regency, Yogyakarta, Indonesia, *Asian Regional Conference of IAEG Geohazards and Engineering Geology*, Japan, p.1-5
- Cacavale, M., Matano, F., dan M. Sacchi, 2017, An integrated approach to earthquake-induced landslide hazard zoning based on probabilistic seismic scenario for Phlegrean Islands (Ischia, Procida and Vivara), Italy, *Geomorphology* (295):235-259
- Chen, J., Peng, W., Sun, X., Wang, Q., dan X. Han, 2021, Comparisons of several methods for landslide susceptibility mapping: case of the Benzilan and Waka Towns, Southwest China, *Arabian Journal of Geosciences* (2021) 14: 1622
- CRED, 2022, Disaster in Numbers 2021, <https://www.cred.be/disasters-numbers-2021>, diakses 10 Februari 2023 jam 9.00WIB
- Faris, F. dan F. Wang, 2014, Stochastic analysis of rainfall effect on earthquake induced shallow landslide of Tandikat, West Sumatra, Indonesia, *Geoenvironmental Disasters* (2014):1-12

- Ferardi, F., Wilopo, W., dan T.F. Fathani, 2018, Rainfall Thresholds for Landslide Prediction in Loano Subdistrict, Purworejo District Central Java Province, *Journal of Applied Geology* 3(1):23-31
- Harjono, H., 2017, *Seismotektonik Busur Sunda*, Jakarta : LIPI Press
- Heath, D., Wald, D., Worden, C., Thompson, E., dan G. Scymoyk, 2020, A Global Hybrid VS30 Map with a Topographic-Slope-Based Default and Regional Map Insets. *Earthquake Spectra*, 36(3), 1570–1584.
- Highland, L., dan P. Bobrowsky, 2008, *The landslide handbook – A guide to understanding landslides*, Virginia : USGS
- Hungr, O., Lerouiel, S., dan L. Picarelli, 2014, The Varnes classification of landslide types: an update, *Landslides* (2014) 11:167–194
- Husain, M., Chen, Z., Wang, R., Salah, S., dan M. Shoaib, 2022, Landslide Susceptibility Mapping using Machine Learning Algorithm, *Civil Engineering Journal* 8(2):209-225
- Husein, S., dan Srijono, 2010, *Peta Geomorfologi Daerah Istimewa Yogyakarta*, Simposium Geologi Yogyakarta
- Irsyam, M., Widyantoro, S., Natawidjaja, D., Meiliano, I., dan A. Rudyanto, 2017, *Peta sumber dan bahaya gempa Indonesia tahun 2017*, Bandung : Pusat Studi Gempa Nasional
- Karnawati, D., dan T.F. Fathani, 2006, Mechanism and Impact of Earthquake-induced Landslides in Yogyakarta Province, Indonesia, *Proceeding of 3rd International Symposium of Earth Resource and Engineering Geology Education Yogyakarta*
- Karnawati, D., 2007, Mekanisme Gerakan Massa Batuan Akibat Gempabumi : Tinjauan dan Analisis Geologi Teknik, *Dinamika Teknik Sipil* 7(2): 179-190
- Keefer, D., 1984, Landslides caused by earthquakes, *Geological Society of America Bulletin* 95:406-421
- Keefer, D., 2002, Investigating Landslides caused by Earthquakes – A Historical Review, *Surveys in Geophysics* (23) : 473-510
- Kopecky, M., Macek, M., dan J. Wild, 2021, Topographic Wetness Index calculation guidelines based on measured soil moisture and plant species composition, *Science of the total Environment* 757(2021) 143785
- Kusky, T., 2008, *Earthquakes: Plate Tectonics and Earthquake Hazards*, New York : Facts on File
- Laxton, J., 1996, A Review of: “Geographic information systems for geoscientists—modelling with GIS.” *Int J Geogr Inf Syst*, 10, 355–356.
- Liu, R., Li, L., dan S. Pirastesh, 2021, The performance quality of LR, SVM, and RF for earthquake-induced landslides susceptibility mapping incorporating remote sensing imagery, *Arabian Journal of Geosciences* (2021) 14: 259
- Millot, R., Gallairdet, J., Dupre, B., dan C. Allegre, 2002, The global control of silicate weathering rates and the coupling with physical erosion: new insights from rivers of the Canadian Shield, *Earth and Planetary Science Letters* 196 (2002) : 83-98
- Mindje, R., Li, L., Nsengiyumva, J., dan C. Mupenzi, 2020, Landslide susceptibility and influencing factors analysis in Rwanda, *Environment Development and Sustainability* 22(2020):7985-8012

- Nefeslioglu, H., Sezer, E., dan C. Gokceoglu, 2010, Assessment of Landslide Susceptibility by Decision Trees in the Metropolitan Area of Istanbul, Turkey, *Mathematical Problems in Engineering*
- Ohlmacher, G., 2007, Plan curvature and landslide probability in regions dominated by earth flows and earth slides, *Engineering Geology* 91(2007):117-134
- Okay, H., 2022, A new Vs30 prediction strategy taking geology, terrain, and saturation into account : Application from Turkiye, Turkey : Middle East Technical University
- Panchuk, K., 2019, *Physical Geology 1st Edition*, University of Saskatchewan, 544p
- Pena-Castellnou, S., Steinritz, V., Marliyani, G. I., dan K. Reicherter, 2021, Active tectonics of the Yogyakarta area (Central Java, Indonesia): Preliminary findings obtained from a tectonic-geomorphic evaluation, *IOP Conference Series: Earth and Environmental Science*, 851(1), <https://doi.org/10.1088/1755-1315/851/1/012005>
- Prasetyadi, C., Sudarno, I., Indranadi, V., dan Surono, 2011, Pola dan genesa struktur geologi Pegunungan Selatan, Provinsi Daerah Istimewa Yogyakarta, *JSDG* 21(2):91-108
- Raharjo, W., Sukandarrumidi, dan H. Rosidi, 1995, *Peta Geologi Lembar Yogyakarta, Bandung : Pusat Survei Geologi*
- Setiawati, Y., Wibowo, N., dan D. Darmawan, 2017, Analisis GSS dengan metode HVSR menggunakan data mikroseismik pada jalur Sesar Opak, *Jurnal Fisika* 6(2): 132-139
- Shao, X., C. Xu, 2021, Earthquake-induced landslides susceptibility assessment: A review of the state-of-the-art, *Natural Hazards Research* 2:172-182
- Sridharan, A., dan S. Gopalan, 2020, Correlations among properties of lithological units that contribute to earthquake induced landslides, *Materials Today : Proceedings*
- Supartoyo, 2006, Gempabumi Yogyakarta tanggal 27 Mei 2006, *Buletin Berkala Merapi* 3(2):36-55
- Surono, Toha, B., dan I. Sudarno, 1992, *Peta Geologi Lembar Surakarta-Giritontro, Bandung: Pusat Survei Geologi*
- Tarback, E., Lutgens, F., dan D. Tasa, 2014, *An introduction to physical geology*, Essex : Pearson
- Taufik, A., Ahmad, S., dan A. Ahmad, 2016, Classification of Landsat 8 Satellite Data Using NDVI Thresholds, *Journal of Telecommunication, Electronic and Computer Engineering* 8(4):37-42
- Tibaldi, A., Ferrari, L., dan G. Pasquare, 1995, Landslides triggered by earthquakes and their relations with faults and mountain slope geometry: an example from Ecuador. *Geomorphology*, 11(3), 215–226
- Umar, Z., Pradhan, B., dan A. Ahmad, 2014, Earthquake induced landslide susceptibility mapping using an integrated ensemble frequency ratio and logistic regression models in West Sumatera Province, Indonesia, *Catena* (118):124-135
- United States Geological Survey, n.d., *Earth Explorer Download*, <https://earthexplorer.usgs.gov/>, diakses 1 Mei 2023, 18.00WIB
- Wagner, D., Koulakov, I., Rabbel, Q., Luehr, B., Wittwer, A., Kopp, H., dan G. Bohm, 2007, Joint inversion of active and passive seismic data in Central Java, *Geophysics Journal International* 170(2):923-932
- Wang, H., Yang, F., dan Z.Luo, 2016, An experimental study of the intrinsic stability of random forest variable importance measures, *BMC Bioinformatics* 2016(17): 1-18

- Wang, F., Xu, P., Wang, C., Wang, N, dan N. Jiang, 2017, Application of a GIS-Based Slope Unit Method for Landslide Susceptibility Mapping along the Longzi River, Southeastern Tibetan Plateau, China, *International Journal of Geoinformation* 6(172):1-20, doi:10.3390/ijgi6060172
- Wieczorek, G.,1996, *Landslides : investigation and mitigation*, National Academy Press.
- Wulandari, A., Faruk, F., Doven, F., dan Budyanra, 2018, Penerapan metode regresi logistik biner untuk mengetahui determinan kesiapsiagaan rumah tangga dalam menghadapi bencana alam : Studi Kasus di Provinsi Jawa Tengah Tahun 2017, *Seminar Nasional Official Statistics 2019: Pengembangan Official Statistics dalam Mendukung Implementasi SDG's*
- Yi, Y., Zhang, Z., dan W. Zhang, 2019, GIS-based earthquake-triggered landslide susceptibility mapping with an integrated weighted index model in Jiuzhaigou region of Sichuan Province, China, *Nat. Hazards Earth Syst. Sci. Discuss.*, <https://doi.org/10.5194/nhess-2019-8>
- Yusvianto, A., 2018, Pengaruh variabel pendapatan, tingkat pendidikan, kepemilikan lahan, usia dan jumlah tanggungan terhadap perpindahan tenaga kerja dari sektor pertanian (sektor primer) ke sektor jasa (sektor tersier) : studi kasus di Kota Batu, *Jurnal Ilmiah Mahasiswa FEB Universitas Brawijaya*
- Zhang, Z., 2016, Introduction to machine learning: k-nearest neighbors, *Annals of Translational Medicine* 4(11):21