

REFERENCES

- Atmoko, D.D., Titisari, A.D., Idrus, A., 2018. *Geochemical Characteristics of Limestone of Wonosari-Punung Formation, Gunungkidul Regency, Yogyakarta, Indonesia*. Indonesian Journal on Geoscience. 5, 179–197. <https://doi.org/10.17014/ijog.5.2.179-197>.
- Balazs, D, 1968. *Karst Regions in Indonesia: Karszt-Es Barlangkutatas*, Volume V. Budapest.
- BAPPEDA Kabupaten Gunungkidul, 2016. *Buku Putih Sanitasi Kabupaten Gunungkidul. Gunungkidul: Pemerintah Kabupaten Gunungkidul*. p. 121.
- Chung, C.J.F., Fabbri, A.G., 2003. *Validation of Spatial Prediction Models for Landslide Hazard Mapping*. Natural Hazards 30, 451–472. <https://doi.org/10.1023/B:NHAZ.00000007172.62651.2b>
- Dai, F.C., Lee, C.F., Tham, L.G., Ng, K.C., Shum, W.L., 2004. *Logistic regression modelling of storm-induced shallow landsliding in time and space on natural terrain of Lantau Island, Hong Kong*. Bull Eng Geological Environment 63, 315–327. <https://doi.org/10.1007/s10064-004-0245-6>
- Dayalan, 2016. *Morphometric Analysis of Relief on Jayankondam Block, Ariyalur District, Tamil Nadu, India*. International Journal of current Research, 8, (05), 32088-32096.
- Dunham, R.J., 1962. *Classification of carbonate rocks according to depositional textures. Classification of Carbonate Rocks*. A Symposium, William E. Ham.
- Esteban, M., 1996. *Karst System from Prospect to Reservoir*. Carbonate International Ltd 168p.
- Feryandi, F.T.H., 2011. *Landslide susceptibility assessment in Karanganyar regency - Indonesia - Comparison of knowledge-based and Data-driven Models*. Master of Science in Geospatial Technologies.
- Gao, Y., Alexander, E., Barnes, R.J., 2005. *Karst database implementation in Minnesota: analysis of sinkhole distribution*. Environmental Geology 47, 1083–1098.
- Gutiérrez, F., Cooper, A.H., Johnson, K.S., 2008. *Identification, prediction, and mitigation of sinkhole hazards in evaporite karst areas*. Environmental Geology 53, 1007–1022. <https://doi.org/10.1007/s00254-007-0728-4>
- Haryono, E., Day, M., 2004. *Landform differentiation within the Gunung Kidul Kegelkarst, Java, Indonesia*. Journal of Cave and Karst Studies, v. 66, no. 2, p. 62-69.

- Haryono, E., Suratman, 2018. *Significant Features of Gunung Sewu Karst as Geopark Site*. 4th International UNESCO Conference on Geopark at Langkawi, Malaysia. <https://doi.org/10.31227/osf.io/5m4qk>.
- Hyland, S.E., Kennedy, L.M., Younos, T.M., Parson, S., 2006. *Analysis of sinkhole susceptibility and karst distribution in the northern Shenandoah Valley, Virginia: implications for low impact development (LID) site suitability models*. Report: Virginia Resources Research Center.
- Kaufmann, J.E., 2007. *Sinkholes*. US Geological Survey, Fachsheet 2007-3060. Mid-Continent Geographic Science Center. <https://pubs.usgs.gov/fs/2007/3060/>
- Kindinger, 2000. *Subsidence and sea-level rise in southeast Louisiana: Implications for coastal management and restoration*. Open-File Report. Doi: 10.3133/ofr00132.
- Kusumayudha, S. B., 2011. *Exploring the Perspective of Gunungsewu Area for a World Geopark*. Presented at the Malaysia-Indonesia Joint Geoh heritage Convention, Terengganu, Malaysia.
- Kusumayudha, S. B., 2004. *Introduction of Karst Hydrogeology*. Yogyakarta: Karst Study Center UPN "Veteran".
- Kusumayudha, S. B. et al., 1999. *Hydrogeologic System of Gunungsewu Area*. In Proceedings of the IAGI The 28th Annual Convention, 73-84.
- Kusumayudha, S. B. et al., 1997. *Study on the Distribution of Carbonate Rocks Based on Fractal Characteristics of the Valley Patterns and Secondary Porosity, Case: Paliyan and Surrounding Area, Gunung Kidul, DIY*. Jurnal Teknologi Mineral 4 (2):71-86.
- Kusumayudha, S., Zen, M., Notosiswoyo, S., Gautama, R., 1999. *The hydrogeologic system of Gunungsewu*. The 28th Annual Convention 4, pp. 73–84.
- Kusumayudha, S.B., Setiawan, J., Ciptahening, A.N., Septianta, P.D., 2016. *Geomorphologic Model of Gunungsewu Karst, Gunung Kidul Regency, Yogyakarta Special Territory, Indonesia: The Role of Lithologic Variation and Geologic Structure*. Journal of Geological Resource and Engineering. <https://doi.org/10.17265/2328-2193/2015.01.001>
- Lawther, A., 2008. *The application of GIS-based binary logistic regression for slope failure susceptibility mapping in the Western Grampian Mountains, Scotland*. Centre for Geographic Information Systems, Lund University.
- Lipar, M., Stepišnik, U., Ferk, M., 2019. *Multiphase breakdown sequence of collapse doline morphogenesis: An example from Quaternary aeolianites in Western Australia*. Geomorphology 327, 572–584
- Moore, C.H., 1989. *Carbonate diagenesis and porosity*. In: Developments in Sedimentology, Vol. 46, Amsterdam, Elsevier, 46-338.

- Ozdemir, A., 2016. *Sinkhole susceptibility mapping using logistic regression in Karapınar (Konya, Turkey)*. Bull Eng Geological Environment 75, 681–707. <https://doi.org/10.1007/s10064-015-0778-x>
- Partington, G., 2010. *Developing models using GIS to assess geological and economic risk: An example from VMS copper gold mineral exploration in Oman*. Ore Geology Reviews 38, 197–207.
- Putra, D.P.E., Setianto, A., Keokhampui, K., Fukuoka, H., 2011. *Land Subsidence Risk Assessment in Karst Region, Case Study: Rongkop, Gunung Kidul, Yogyakarta-Indonesia*. RWTH Aachen University, German, pp. 39–50.
- Rasyid, A.R., Bhandary, N.P., Yatabe, R., 2016. *Performance of frequency ratio and logistic regression model in creating GIS based landslide susceptibility map at Lompobattang Mountain, Indonesia*. Geoenviron Disasters 3, 19.
- Sauro, U., 2016. *Dolines and Sinkholes: Aspects of Evolution and Problems of Classification*. Acta Carsologica 32(2). <https://doi.org/10.3986/ac.v32i2.335>
- Sayekti, N.F., 2022. *Evaluasi Daya Dukung Geologi Pada Rencana lokasi Tempat Pengolahan Sampah Terpadu (TPST) Di Kalurahan Banjarejo, Kapanewon Tanjungsari, Gunungkidul* (Thesis).
- Setiawan, J., et al., 2011. *Groundwater System of Gunung Kendil and Umbul Ponjong as a Unique Geoheritage*. Presented at the Malaysia-Indonesia Join Geoheritage Convention, Terengganu, Malaysia.
- Shirzadi, A., Saro, L., Hyun Joo, O., Chapi, K., 2012. *A GIS-based logistic regression model in rock-fall susceptibility mapping along a mountainous road: Salavat Abad case study, Kurdistan, Iran*. Nat Hazards 64, 1639–1656.
- Sidle, R., Ochiai, H., 2006. *Processes, prediction, and land use. Water resources monograph*. American Geophysical Union, Washington 525.
- Surono, BT, Sudarno I, 1992. *Geology of the Surakarta-Giritontro Quadrangles, Java, scale 1:100,000*. Geological Research and Development Center, Bandung.
- Suyoto., 1994. *Stratigraphic Sequence of the Gunungsewu Carbonates*. In Proceedings of the PIT IAGI XXIII, 19-32.
- Tihansky, A.B., 1999. *Sinkholes, west-central Florida, in Galloway, Devin, Jones, D.R., Ingebritsen, S.E., eds., Land subsidence in the United States*. US geological survey circular 1182, p. 121–140.
- Van Bemmelen, R. W., 1949. *The Geology of Indonesia*. Vol IA. Hague: Martinus Nijhoff Publishers.
- Verstappen, H. Th., 1983. *Applied Geomorphology: Geomorphological Surveys for Environmental Development*. Elsevier Science Publishers, New York.

Waltham, A., Fookes, P., 2003. *Engineering classification of karst ground conditions*. Quarterly Journal of Engineering Geology and Hydrogeology 36, 101–118.

Waltham, T., Bell, F., Culshaw, M., 2005. *Sinkholes and Subsidence: Karst and Cavernous Rocks in Engineering and Construction*. Springer-Praxis. <https://doi.org/10.1007/b138363>

Waskita, W.M.B.Y., Uligawati, G.W., Pitaloka, M., Rizqi, A.H.F., 2021. *Identifikasi Tipe dan Potensi Amblesan Berdasarkan Data Geologi dan Geolistrik Daerah Bedoyo dan Sekitarnya, Kab. Gunung Kidul, Yogyakarta*. Prosiding Nasional Teknologi dan Informasi XIII Tahun 2018, pp. 401–407.

Xu, C., Xu, X., Dai, F., Wu, Z., He, H., Shi, F., Wu, X., Xu, S., 2013. *Application of an incomplete landslide inventory, logistic regression model and its validation for landslide susceptibility mapping related to the May 12, 2008 Wenchuan earthquake of China*. Nat Hazards 68, 883–900. <https://doi.org/10.1007/s11069-013-0661-7>