

DAFTAR PUSTAKA

- Alam, M. dkk., 2017. *Climate change perceptions and local adaptation strategies of hazard-prone rural households in Bangladesh*. *Climate Risk Management* 17 (2017) 52-53 doi.org/10.1016/j.crm.2017.06.006
- Arsyad, S., 2010. *Konservasi Tanah dan Air Edisi Kedua*. Bogor : IPB Press.
- Azizi, A., & Salim M.A., 2015. *Kajian Pengendalian Longsor Secara Vegetatif Di Desa Binangun Kecamatan Banyumas*. *Jurnal Techno* Volume 16 No. 2, Oktober 2015. Hal. 63 – 69 ISSN 1410 – 8607.
- [BPBD] Badan Penanggulangan Bencana Daerah Kabupaten Magelang, 2021. *Tabel Kejadian Bencana Kabupaten Magelang* [online]. [http://sikk.bpbdmagelang.id/Tabel Kejadian](http://sikk.bpbdmagelang.id/TabelKejadian) [diakses 1 Mei 2021]
- Barus, B., & Wiradisastra, U. S., 2009. *Sistem Informasi Geografi Sarana Manajemen Sumberdaya*. IPB Jurusan Tanah Fakultas Pertanian.
- [BBLSLP] Balai Besar Litbang Sumberdaya Lahan Pertanian, 2019. *Petunjuk Teknis Teknologi Pengendalian Longsor*. Kementerian Pertanian.
- Berger, A. dkk., 2012. *Climate Change Inferences from Paleoclimate and Regional Aspects*. doi 10.1007/978-3-7091-0973-1.
- [BPS] Badan Pusat Statistik Kabupaten Magelang, 2020. *Kecamatan Kajoran Dalam Angka 2020*. Magelang (ID): Badan Pusat Statistik Kabupaten Magelang.
- Cevik, E. & Topal, T., 2003. *GIS-based landslide susceptibility mapping for a problematic segment of the natural gas pipeline, Hendek (Turkey)*. *Environmental Geology* 44: 949-962.
- Chauhan, S. dkk., 2010. *Landslide susceptibility zonation through ratings derived from artificial neural network*. *Applied Earth Observation and Geoinformation* 12:340-350.
- Chung, C-J.F., & Fabbri, A.G., 2003. *Validation of Spatial Prediction Models for Landslide Hazard Mapping*. *Natural Hazards* 30(3):451–472.
- Clark, P.J., & Evans, 1954. *Distance to Nearest Neighbor as a Measure of Spatial Relationship in Populations*. *Journal of Ecology*, 35pp:445-453.
- DSCWM, 2016. *Guideline on Landslide Treatment and Mitigation*. Department of soil Conservation and Watershed Management, Kathmandu, Nepal.
- Dagar, C. J. dkk., 2020. *Agroforestry for Degraded Landscapes*. Recent Advances and Emerging Challenges - Vol. 1. doi.org/10.1007/978-981-15-4136-0_1.
- Danoedoro, P., 2012. *Pengantar Penginderaan Jauh Digital*. Yogyakarta : C.V Andi Offset.

- Das, I. dkk., 2010. *Landslide susceptibility assessment using logistic regression and its comparison with a rock mass classification system, along a road section in the northern Himalayas(India)*. Geomorphology.
- Eisenhauer, D. C., 2020. *Climate Change; Adaptation*. International Encyclopedia of Human Geography, 2nd edition, Volume 2.
- Erfandi, D., 2016. *Sistem Vegetasi dalam Penanganan Lahan Rawan Longsor pada Areal Pertanian*.
- Fadilah, N., 2019. *Analisis Tingkat Kerawanan Tanah Longsor Menggunakan Metode Frekuensi Rasio di Daerah Sungai Bialo*. Jurnal Perennial, 2019 Vol. 15 No. 1:42-50 ISSN:1412-7784.
- Faizan, M. (Tanpa Tahun). *Handbook of GIS Application*.
- Fekri, P.R., 2018. *Pengendalian Dampak Perubahan Iklim Melalui Program Kampung Iklim di Pulau Liki, Kabupaten Sarmi, Pulau Papua*. Jurnal Wilayah dan Kota.
- Fenta. dkk., 2021. *Agroecology-based soil erosion assessment for better conservation planning in Ethiopian river basins*. Environmental Research 195 (2021) 110786.
- Forbes, K. & Broadhead, J., 2013. *Forest and landslides: The Role of Trees and Forests in the Prevention of Landslide and rehabilitation of Landslide-Affected Areas in Asia*. Food and Agriculture Organization of the United Nations, Bangkok.
- Guzzetti, F. dkk., 2006. *Landslide hazard assessment in the Collazzone area, Umbria, Central Italy*. Natural Hazards and Earth System Sciences 6, 115–131.
- Guzzetti, F. dkk., 2012. *Landslide inventory maps : New tools for an old problem*. 43F. Earth Science Reviews 112 (2012) 42 –66.
- Hamylton, S.M. dkk., 2020. *Evaluating techniques for mapping island vegetation from unmanned aerial vehicle (UAV) images: Pixel classification, visual interpretation and machine learning approaches*. Int J Appl Earth Obs Geoinformation 89 (2020) 1020852.
- Hanafi, F. dkk., 2019. *Strategi Pengelolaan Kekeringan Masyarakat Sub DAS Bompon di Lereng Kaki Vulkanik Pegunungan Sumbing*. Jurnal Geografi 16(1). doi: <https://doi.org/10.15294/jg.v16i1.10896>
- Hardiyatmo, H. C., 2012. *Tanah Longsor dan Erosi*. Yogyakarta (ID): Gadjah Mada University Press.
- Hong, H. dkk., 2021. *Rainfall-induced landslide susceptibility assessment at the Chongren area (China) using frequency ratio, certainty factor, and index of entropy*. Geocarto International. doi.org/10.1080/10106049.2015.1130086.
- Islam, Md.A. dkk., 2020. *Effectiveness of Vetiver Grass on Stabilizing Hill Slopes: A Numerical Approach*. Geo-Congress 2020 GSP 316.

- Javier & Kumar, L., 2019. *Frequency Ratio Landslide Susceptibility Estimation In A Tropical Mountain Region*. Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-3/W8, 173–179, 2019. doi.org/10.5194/isprs-archives-XLII-3-W8-173-2019.
- Karnawati, D., 2005. *Bencana alam gerakan massa tanah di Indonesia dan upaya penanggulangannya*. Jurusan Teknik Geologi, Fakultas Teknik, Universitas Gadjah Mada. Yogyakarta.
- [KLHK] Kementerian Lingkungan Hidup dan Kehutanan, 2015. *Peraturan Direktur Jenderal Planologi Kehutanan Nomor P.1/VII-IPSDH/2015 Tentang Pedoman Pemantauan Penutup Lahan*.
- [KLHK] Kementerian Lingkungan Hidup dan Kehutanan, 2016. *Peraturan Menteri Lingkungan Hidup dan Kehutanan Nomor P.84/MENLHK-SETJEN/KUM.1/11/2016 Tentang Program Kampung Iklim*. Kementerian Lingkungan Hidup dan Kehutanan.
- [KLHK] Kementerian Lingkungan Hidup dan Kehutanan, 2017a. *Road Map Program Kampung Iklim Gerakan Nasional Pengendalian Perubahan Iklim Berbasis Masyarakat*. Kementerian Lingkungan Hidup dan Kehutanan.
- [KLHK] Kementerian Lingkungan Hidup dan Kehutanan, 2017b. *Buku Praktis ProKlim*. Kementerian Lingkungan Hidup dan Kehutanan.
- [KLHK] Kementerian Lingkungan Hidup dan Kehutanan, 2017c. *Peraturan Direktur Jenderal Pengendalian Perubahan Iklim Nomor P.1/PPI/SET/KUM.1/2/2017 Tentang Pedoman Pelaksanaan Program Kampung Iklim*. Kementerian Lingkungan Hidup dan Kehutanan.
- Kumar, P. dkk., 2021. *Remote Sensing and GIScience*. Springer. doi.org/10.1007/978-3-030-55092-9.
- Lee, S. & Talib, J.A., 2005. *Probabilistic Landslide Susceptibility and Factor Effect Analysis*. J. Environ Geol 47:982–990. doi:10.1007/s00254-005-1228-z.
- Li, Fangyu & He, Hua., 2018. *Assessing the Accuracy of Diagnostic Tests*. Shanghai Arch Psychiatry. 30(3): 207-212. doi: dx.doi.org/10.11919/j.issn.1002-0829.218052
- Lillesand, T.M. & Kiefer, R.W., 1997. *Penginderaan Jauh dan Interpretasi Citra*. Yogyakarta (ID) : Gadjah Mada University Press.
- Lin, J. dkk., 2017. *Landslide Identification and Information Extraction Based on Optical and Multispectral UAV Remote Sensing Imagery*. IOP Conf. Series: Earth and Environmental Science 57 (2017) 012017. doi:10.1088/1755-1315/57/1/012017.

- Lin, W. dkk., 2021. *Landslide hazard assessment of rainfall-induced landslide based on the CF-SINMAP model: a case study from Wuling Mountain in Hunan Province, China. Natural Hazards*. doi.org/10.1007/s11069-020-04483-x.
- Mankari M.P. dkk., 2010. *Fundamentals of geoinformatics and its applications in geography*. Geoscience Research Vol. 1, Issue 1.
- Masruroh, H. dkk., 2016. *Membangun Metode Identifikasi Longsor Berbasis Foto Udara Format Kecildi DAS Bompon, Magelang, Jawa Tengah*. Majalah Geografi Indonesia. 30 (2), 2016: 169-182.
- Meiarti, R. dkk., 2018. *Analisis Pola Spasial Distribusi Longsor Untuk Penentuan Faktor Pengontrol Utama Longsor Lahan Di DAS Kodil Provinsi Jawa Tengah*. Jurnal Geografi, Edukasi dan Lingkungan (JGEL), Vol. 2, No. 1, Januari 2018:20-31 ISSN P: 2579 – 8499; E: 2579 – 8510.
- Mihiretu dkk., 2021. *Causes, indicators and impacts of climate change: understanding the public discourse in Goat based agro-pastoral livelihood zone, Ethiopia*. Heliyon 7 (2021) e06529
- Muliady & Subagya, J. E., 2019. *Sistem Pemetaan Udara Menggunakan Pesawat Fixed Wing*. TESLA VOL. 21 NO. 1 Maret 2019.
- Muttaqin dkk., 2019. *Climate village program (ProKlim) in Simurugul Sub-Village, Margawati Village, Garut Kota Sub-Regency, Garut Regency, West Java Province, Indonesia*. IOP Conf. Series: Earth and Environmental Science 299 (2019) 012046.
- Naseer, S. dkk., 2021. *GIS-based spatial landslide distribution analysis of district Neelum, AJ&K, Pakistan*. Natural Hazards (2021) 106:965–989. doi.org/10.1007/s11069-021-04502-5.
- Neaupane, K.M. & Piantanakulchai, M., 2006. *Analytic network process model for landslide hazard zonation*. Engineering Geology 85:281-294.
- Noviyanto, A., 2020. *Karakteristik Morfologi Tanah dan Lapisan Klei Sensitif pada Tiga Longsor Aktif di Sisi Selatan Gunungapi Sumbing Jawa Tengah*. [Tesis]. Fakultas Pertanian, Universitas Gadjah Mada.
- Ngadisih dkk., 2017. *Landslide Inventory: Challenge for Landslide Hazard Assessment in Indonesia*. DOI 10.1007/978-4-431-54391-6.
- Ngadisih dkk., 2013. *Landslide Hazard and Risk Mapping in Volcanic Mountains of West Java Province in Indonesia*. [Disertasi]. Graduate School of Science and Engineering, Ehime University, Japan.
- Ozioko & Idwe, 2020. *GIS-based landslide susceptibility mapping using heuristic and bivariate statistical methods for Iva Valley and environs Southeast Nigeria*. Environ Monit Assess (2020) 192:119.

- Paimin dkk., 2009. Teknik Mitigasi Banjir dan Tanah Longsor. Balikpapan : Tropenbos International Indonesia Programme.
- Pramita dkk., 2014. *Arahan Pemanfaatan Lahan untuk Upaya Mengurangi Bahaya Longsor di Kabupaten Agam dan Kabupaten Padang Pariaman, Sumatera Barat*. Majalah Ilmiah Globö Volume 16 No. 2 Desember 2014: 141-148.
- Pratiwi, E. S. dkk., 2019. *Geoelectrical Prediction for Sliding Plane Layers of Rotational Landslide at the Volcanic Transitional Landscapes in Indonesia*. In IOP Conference Series: Earth and Environmental Science, Institute of Physics Publishing.
- Pulungan dkk., 2018. *New Approach to Soil Formation in the Transitional Landscape Zone: Weathering and Alteration of Parent Rocks*. Journal of Environments.
- Purwaningsih dkk., 2020. *Trees and Crops Arrangement in the Agroforestry System Based on Slope Units to Control Landslide Reactivation on Volcanic Foot Slopes in Java, Indonesia*. Land 2020, 9, 327. doi:10.3390/land9090327.
- Rachma, S. V. dkk., 2018. *Analisis Akurasi Ketelitian Vertikal Menggunakan Foto Udara Hasil Pemotretan Pesawat Tanpa Awak Untuk Pembentukan Digital Terrain Model (DTM)*. Jurnal Geodesi Undip.
- Rakhman, N. A. dkk., 2020. *Rekayasa Vegetasi Untuk Konservasi Lahan Rawan Longsor di Lembah Sungai Cengkehan, Kecamatan Imogiri, Kabupaten Bantul*. Jurnal Teknologi Technoscintia.
- Rasmikayati, E., & Djuwendah, E., 2015. *Dampak Perubahan Iklim Terhadap Perilaku dan Pendapatan Petani (The Impact of Climate Change to Farmers' Behavior and Revenue)*. J. Manusia dan Lingkungan, Vol. 22, No. 3, November 2015: 372-379.
- Rabby, Y. W. dkk., (2020). *Evaluating the effects of Digital Elevation Models in Landslide Susceptibility Mapping in Rangamati District, Bangladesh*. Journal Remote Sensing, 2020, 12, 2718. doi:10.3390/rs12172718
- Rendra, P. R. dkk., 2016. *Optimalisasi Pemanfaatan Sistem Agroforestry Sebagai Bentuk Adaptasi dan Mitigasi*. Bulletin of Scientific Contribution, Volume 14, No.2, Agustus 2016 : 117 – 126.
- Riyanto, H.D., 2016, *Rekayasa Vegetatif untuk Mengurangi Risiko Longsor*. Balai Penelitian dan Pengembangan Teknologi Pengelolaan Daerah Aliran Sungai, Kementerian Lingkungan Hidup dan Kehutanan, Surakarta.
- Saha, A.K. dkk., 2002. *GIS-based landslide hazard zonation in the Bhagirathi (Ganga) Valley, Himalayas*. Journal of Remote Sensing 23(2):357-369.

- Salganik, M. J. & Heckathorn, D. D., 2004. *Sampling and Estimation in Hidden Populations Using Respondent-Driven Sampling*. Sociological Methodology, 34(1), 193–240. doi:10.1111/j.0081-1750.2004.00152.x.
- Samodra, G. dkk., 2018. *Generating landslide inventory by participatory mapping: an example in Purwosari Area, Yogyakarta, Java*. Geomorphology, 306, 306–313. doi:10.1016/j.geomorph.2015.07.035.
- Samodra, G. dkk., 2017. *Comparing data-driven landslide susceptibility models based on participatory landslide inventory mapping in Purwosari area, Yogyakarta, Java*. Environmental Earth Sciences Vol. 76 No. 4
- Shofiyanti, R., 2011. *Teknologi Pesawat Tanpa Awak Untuk Pemetaan dan Pemantauan Tanaman dan Lahan Pertanian*. Informatika Pertanian, Vol. 20 No.2, Desember 2011 : 58 – 64.
- Spiekermann, R. I., dkk., (2021). *Quantifying the influence of individual trees on slope stability at landscape scale*. Journal of Environmental Management, 286, 112194. doi.org/10.1016/j.jenvman.2021.112194.
- Stokes, dkk., 2009. *Desirable Plant Root Traits for Protecting Natural and Engineered Slopes Against Landslides*. Plant Soil. 324:1-30.
- Subowo, E., 2003. *Pengenalan Gerakan Tanah*. Bandung : Pusat Vulkanologi dan Mitigasi Bencana Geologi, Departemen Energi dan Sumber Daya Mineral.
- Sugiyono, 2017. *Metode Penelitian Kuantitatif*. Alfabeta : Bandung.
- Tafti, M.E., Ataie-Ashtiani, B., & Hosseini, S. M., 2021. *Integrated impacts of vegetation and soil type on slope stability: A case study of Kheyrud Forest, Iran*. Ecological Modelling, 446, 109498. doi.org/10.1016/j.ecolmodel.2021.109498.
- Tarolli, P. & Mudd, S., 2020. *Developments in Earth Surface Processes Remote Sensing Of Geomorphology Volume 23*. Elsevier B.V. All rights reserved
- Wahyunto dkk., 2007. *Kerawanan Longsor Lahan Pertanian di Daerah Aliran Sungai Citarum*. Prosiding Seminar Nasional Multifungsi dan Konversi Lahan Pertanian. Balai Penelitian Tanah : Bogor.
- Wichmann, V., dkk., 2012. *LiDAR Point Cloud Processing with SAGA GIS*. SAGA User Group Association. GEOSTAT.
- Wubalem, A., 2021. *Landslide susceptibility mapping using statistical methods in Uatza catchment area, northwestern Ethiopia*. doi.org/10.1186/s40677-020-00170-y.
- Yalcin, A., 2008. *GIS-based landslide susceptibility mapping using analytical hierarchy process and bivariate statistics in Ardesen (Turkey): Comparison of results and confirmations*. Catena 72: 1-12.

Yang, H. dkk., 2020. *Rainfall-induced landslides and debris flows in Mengdong Town, Yunnan Province, China*. Landslides 17, 931–941. doi:10.1007/s10346-019-01336-y.