DAFTAR PUSTAKA

Adjei-Darko, P. (2017). *Remote Sensing and Geographic Information Systems for Flood Risk Mapping and Near Real-time Flooding Extent Assessment in the Greater Accra Metropolitan Area*.

Aji N., M. D., S. B. , & Sasmito, B. (2014). Identifikasi Zona Rawan Banjir Menggunakan Sistem Informasi Geografis (Studi Kasus: Sub DAS Dengkeng). *Jurnal Geodesi Undip*, *3*(1), 36–50.

Alifia. (2017). *Pembuatan Sistem Pendukung Keputusan Untuk Tindakan Pemeliharaan Jembatan dengan Penerapan Aanalytical Hierarchy Process* [Final Assignment, Institut Teknologi Bandung]. https://digilib.itb.ac.id/gdl/view/11779/analytical-hierarchy-process-banjir?rows=1674&per_page=6

Alzwar, M. A. (1992). *Peta Geologi Lembar Garut dan Pamengpeuk, Jawa, Skala 1:100.000*. Bandung: Puslitbang Geologi.

Pedoman Penyusunan Pola Rehabilitasi Lahan dan Konservasi Tanah, Direktorat Jendral Reboisasi Dan Rehabilitasi Lahan (1986).

Badan Nasional Penanggulangan Bencana (BNPB). (2020, April 11). *[infografis] : Banjir di Kab. Bandung, Prov. Jawa Barat (07042022)*. Pusat Pengendalian Operasi Badan Nasional Penanggulangan Bencana (Pusdalops BNPB). https://pusdalops.bnpb.go.id/2022/04/11/infografis-banjir-di-kab-bandung-prov-jawa-barat-07042022/

Badan Penanggulangan Bencana Daerah. (2021, Juni 7). *Jumlah Kejadian Bencana Alam 2019*. Sistem Informasi Manajemen Statistik Daerah (SI-MASDA) Kabupaten Bandung. https://simasda.bandungkab.go.id/dataset/2366/-jumlah-kejadian-bencana-alam-2019

Belton, V. (1986). A comparison of the analytic hierarchy process and a simple multi-attribute value function. *European Journal of Operational Research*, *26*(1), 7–21. https://doi.org/https://doi.org/10.1016/0377-2217(86)90155-4

Bemmelen, R. W. van (Reinout W. van). (1949). *The Geology of Indonesia / R.W. van Bemmelen: Vol. IA*. US Government Printing Office.

Budiarti, W., Gravitiani, E., & Mujiyo, M. (2018). Analisis Aspek Biofisik Dalam Penilaian Kerawanan Banjir Di Sub Das Samin Provinsi Jawa Tengah. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan (Journal of Natural Resources and Environmental Management)*, *8*(1), 96–108. https://doi.org/10.29244/jpsl.8.1.96-108

Chaminé, H. I., Pereira, A. J. S. C., Teodoro, A. C., & Teixeira, J. (2021). Remote sensing and GIS applications in earth and environmental systems sciences. Dalam *SN Applied Sciences* (Vol. 3, Nomor 12). Springer Nature. https://doi.org/10.1007/s42452-021-04855-3

Chang, D.-Y. (1996). Applications of the extent analysis method on fuzzy AHP. *European Journal of Operational Research*, *95*(3), 649–655. https://doi.org/https://doi.org/10.1016/0377-2217(95)00300-2

Chen, S.-J., & Chen, S.-M. (2005). A Prioritized Information Fusion Method for Handling Fuzzy Decision-Making Problems. *Applied Intelligence*, *22*, 219–232.

Dela Cerna, M. A., & Maravillas, E. A. (2015). Mamdani Fuzzy Decision Model for GIS-Based Landslide Hazard Mapping. *World Congress on Engineering*.

Dewi, Y. P. (2017). *Pemilihan Metode Pemotongan Kaki Jacket Pada Proses Pembongkaran (Decommissioning) : Studi Kasus Attaka H Platform Di Selat Makassar*.

Djalante, R., Garschagen, M., Thomalla, F., & Shaw, R. (2017). Introduction: Disaster risk reduction in Indonesia: Progress, challenges, and issues (pp. 1-17). Springer International Publishing.

Dwi Puspitasari. (2009). *Penerapan Metode Fuzzy Analytical Hierarchy Process Dalam Penentuan Kriteria Penilaian Performa Vendor (Studi Kasus PT. X)*. Universitas Indonesia.

Ekadinata, A., Dewi, S., Hadi, D., Nugroho, D., & Johana, F. (2008). *Sistem Informasi Geografis Untuk Pengelolaan Bentang Lahan Berbasis Sumber Daya Alam. Buku 1: Sistem Informasi Geografis dan Penginderaan Jauh Menggunakan ILWIS Open Source* (1 ed.). Word Agroforestry Centre, Bogor, Indonesia.

Fagan, M. E., & DeFries, R. S. (2022). Remote Sensing and Image Processing. Dalam *Reference Module in Life Sciences*. Elsevier. https://doi.org/https://doi.org/10.1016/B978-0-12-822562-2.00060-8

Fülöp, J. (2005). *Introduction to Decision Making Methods*.

Halim, F. (2014). Pengaruh Hubungan Tata Guna Lahan Dengan Debit Banjir Pada Daerah Aliran Sungai Malalayang. *Jurnal Ilmiah Media Engineering*, *4*(1), 45–54.

Kittipongvises, S., Phetrak, A., Rattanapun, P., Brundiers, K., Buizer, J. L., & Melnick, R. (2020). AHP-GIS analysis for flood hazard assessment of the communities nearby the world heritage site on Ayutthaya Island, Thailand.

International Journal of Disaster Risk Reduction, *48*, 101612. https://doi.org/https://doi.org/10.1016/j.ijdrr.2020.101612

Kumala, S. A. S., Tjahjono, B., & Munibah, K. (2018). *Analisis Bahaya Banjir di Kecamatan Bojongsoang Kabupaten Bandung* [Undergraduate Thesis]. IPB University.

Luino, F. (2016). Floods. Dalam B. Bobrowsky Peter T. and Marker (Ed.), *Encyclopedia of Engineering Geology* (hlm. 1–6). Springer International Publishing. https://doi.org/10.1007/978-3-319-12127-7_126-1

Maliki, R. Z., & Saputra, I. A. (2021). Pemetaan Bahaya Banjir di Kecamatan Baolan Kabupaten Tolitoli Provinsi Sulawesi Tengah Flood Hazard Mapping in Baolan, Tolitoli District, Central Sulawesi. *Jurnal Dialog Penanggulangan Bencana*, 13–20.

Marchand, M., Buurman, J., Pribadi, A., & Kurniawan, A. (2009). *Damage and casualties modelling as part of a vulnerability assessment for tsunami hazards: A case study from Aceh, Indonesia*.

Oldeman, L. R. (1975). *An agro-climatic map of Java / by L.R.Oldeman*. Central Research Institute for Agriculture.

Olii, M. R., Olii, A., & Pakaya, R. (2021). The integrated spatial assessment of the flood hazard using AHP-GIS: The case study of gorontalo regency. *Indonesian Journal of Geography*, *53*(1), 126–135. https://doi.org/10.22146/IJG.59999

Orencio, P. M., & Fujii, M. (2013). A localized disaster-resilience index to assess coastal communities based on an analytic hierarchy process (AHP). *International Journal of Disaster Risk Reduction*, *3*, 62–75. https://doi.org/https://doi.org/10.1016/j.ijdrr.2012.11.006

Ouma, Y. O., & Tateishi, R. (2014). Urban Flood Vulnerability and Risk Mapping Using Integrated Multi-Parametric AHP and GIS: Methodological Overview and Case Study Assessment. *Water*, *6*(6), 1515–1545. https://doi.org/10.3390/w6061515

Parsian, S., Amani, M., Moghimi, A., Ghorbanian, A., & Mahdavi, S. (2021). Flood Hazard Mapping Using Fuzzy Logic, Analytical Hierarchy Process, and Multi-Source Geospatial Datasets. *Remote Sensing*, *13*(23). https://doi.org/10.3390/rs13234761

Paz, D. H. F., Lafayette, K. P. V, & Sobral, M. C. M. (2020). 8 - Management of construction and demolition waste using GIS tools. Dalam F. Pacheco-Torgal, Y. Ding, F. Colangelo, R. Tuladhar, & A. Koutamanis (Ed.), *Advances in Construction and Demolition Waste Recycling* (hlm. 121–156). Woodhead

Publishing. https://doi.org/https://doi.org/10.1016/B978-0-12-819055-5.00008-5

Peng, G., Han, L., Liu, Z., Guo, Y., Yan, J., & Jia, X. (2021). An Application of Fuzzy Analytic Hierarchy Process in Risk Evaluation Model. *Frontiers in Psychology*, *12*. https://doi.org/10.3389/fpsyg.2021.715003

Pham, B. T., Avand, M., Janizadeh, S., Phong, T. Van, Al-Ansari, N., Ho, L. S., Das, S., Le, H. Van, Amini, A., Bozchaloei, S. K., Jafari, F., & Prakash, I. (2020). GIS Based Hybrid Computational Approaches for Flash Flood Susceptibility Assessment. *Water*, *12*(3). https://doi.org/10.3390/w12030683

Putra, W. (2022, April 20). *Banjir Rendam Cikancung Bandung, Ini Jalan Alternatif yang Bisa Dilalui*. detikJabar. https://www.detik.com/jabar/berita/d-6041474/banjir-rendam-cikancung-bandung-ini-jalan-alternatif-yang-bisa-dilalui

Reager, J. T., Thomas, B. F., & Famiglietti, J. S. (2014). River basin flood potential inferred using GRACE gravity observations at several months lead time. *Nature Geoscience*, *7*(8), 588–592. https://doi.org/10.1038/ngeo2203

Saaty, T. L. (2008). Decision making with the analytic hierarchy process. Dalam *Int. J. Services Sciences* (Vol. 1, Nomor 1).

Sabaei, D., Erkoyuncu, J., & Roy, R. (2015). A review of multi-criteria decision making methods for enhanced maintenance delivery. *Procedia CIRP*, *37*, 30–35. https://doi.org/10.1016/j.procir.2015.08.086

Silitonga, P. H. (1993). *Peta Geologi Lembar Bandung, Jawa, Skala 1:100.000*. Bandung: Direktorat Geologi.

Sleit, A., Saadeh, M., & Almobaideen, W. (2016, Juni). *A Two-Phase Fuzzy System for Edge Detection*.

Subardja, D. S., Ritung, S., Anda, M., Suryani, E., & Subandiono, R. E. (2014). *Petunjuk Teknis Klasifikasi Tanah Nasional* (Vol. 1). http://bbsdlp.litbang.pertanian.go.id

Suherman, H., & Firmansyah, A. (2017). Analisis Pengaruh Perubahan Tata Guna Lahan Terhadap Debit Banjir di Wilayah Hilir Aliran Kali Angke. *Jurnal Konstruksia*, *8*(2).

Sun, B., Tang, J., Yu, D., Song, Z., & Wang, P. (2019). Ecosystem health assessment: A PSR analysis combining AHP and FCE methods for Jiaozhou Bay, China1. *Ocean & Coastal Management*, *168*, 41–50. https://doi.org/https://doi.org/10.1016/j.ocecoaman.2018.10.026

Susilowati, & Sadad, I. (2015). Analisa Karakteristik Curah Hujan di Kota Bandar Lampung. *Jurnal Konstruksia*, *7*(1).

Taherdoost, H., & Madanchian, M. (2023). Multi-Criteria Decision Making (MCDM) Methods and Concepts. *Encyclopedia*, *3*(1), 77–87. https://doi.org/10.3390/encyclopedia3010006

Van Zuidam, R. A. (1985). *Aerial Photo Interpretation In Terrain Analysis and Geomorphologic Mapping*. International Institute for Aerial Survey and Earth Sciences. ITC, Enschede, The Netherlands.

Vorogushyn, S., Lindenschmidt, K. E., Kreibich, H., Apel, H., & Merz, B. (2012). Analysis of a detention basin impact on dike failure probabilities and flood risk for a channel-dike-floodplain system along the river Elbe, Germany. *Journal of Hydrology*, *436*, 120–131.

Wijitkosum, S., & Sriburi, T. (2019). Fuzzy AHP integrated with GIS analyses for drought risk assessment: A case study from Upper Phetchaburi River Basin, Thailand. *Water (Switzerland)*, *11*(5). https://doi.org/10.3390/w11050939

Zadeh, L. A. (2009). Fuzzy Logic. *Encyclopedia of Complexity and Systems Science*.