

## DAFTAR PUSTAKA

- Adiat, K., Sejati, S., and Abdullah, K. (2012). *Assessing the accuracy of GIS-based elementary multi criteria decision analysis as a spatial prediction tool—A case of predicting potential zones of sustainable groundwater resources. Journal of Hydrology*, Volume 440, 75-89.
- Agarwal, E., Agarwal, R., Garg, R., and Garg, P. (2013). *Delineation of groundwater potential zone: An AHP/ANP approach. Journal of Earth System Science*, Vol. 122, No. 3, 887-898. doi:doi.org/10.1007/s12040-013- 0309-8
- Agarwal, R., and Garg, P. (2016). *Remote sensing and GIS based groundwater potential and recharge zones mapping using multi-criteria decision making technique. Water Resources Management*, v. 30, 243-260. doi:doi.org/10.1007/s11269-015-1159-8
- Al-Manmi, D., and Rauf, L. (2016). *Groundwater potential mapping using remote sensing and GIS-based, in Halabja City, Kurdistan, Iraq. Arabian Journal of Geoscience*, v. 9, 357. doi:https://doi.org/10.1007/s12517-016- 2385-y
- Astuti, P., & Garnadi, A. (2009). *On Eigenvalues and Eigenvectors of Perturbed Pairwise Comparison Matrices. ITB Journal of Science*, v. 41, p. 69-77. doi:doi:10.5614/itbj.sci.2009.41.2.1
- Atmaja, R., Putra, D., dan Setijadji, L. (2019). *Identifikasi Zona Potensi Air Tanah di Daerah Air Tanah Langka, Banjarnegara Bagian Selatan, Jawa Tengah*. Departemen Teknik Geologi Fakultas Teknik UGM.
- Atmanti, H. D. (2008). *Analytical Hierarchy Process Sebagai Model yang Luwes. Prosiding INSAHP5* (pp. C 17 (1-9)). Semarang: Teknik Industri UNDIP.
- Badan Meteorologi Klimatologi dan Geofisika Bangka Belitung. (2024). *Data Curah Hujan Bulanan Rata-Rata Periode 2014-2023*. Kota Pangkalpinang, Kabupaten Bangka Tengah dan Kabupaten Bangka.
- Balai Air Tanah. (2016). *Peta Hidrogeologi Indonesia*. Bandung. (tidak diterbitkan)
- Barber, A., Crow, M., and De, S. (2005). *Tectonic Evolution In: Barber, A.J., Crow, M.J., Milsom, J.S. (Eds.), Sumatra. Geology, Resources and Tectonic Evolution. Geological Society Memoar*, Vol. 31, 234-257.
- Behzad, M., Charchi, A., Kalantari, A., Nejad, A., & Vardanjani, H. (2018). *Delineation of groundwater potential zones using remote sensing (RS), geographical information system (GIS) and analytic hierarchy process (AHP) techniques: a case study in the Leylia–Keynow watershed, southwest of Iran. Carbonates and Evaporites*, Volume 34, 1307-1319. doi:doi:10.1007/s13146-018-0420-7
- Badan Pusat Statistik. (2021). *BPS Kota Pangkalpinang*. Retrieved from <https://pangkalpinangkota.bps.go.id/>.
- Brunelli, M. (2015). *Introduction to the Analytic Hierarchy Process*. Springer, 83. doi:DOI 10.1007/978-3-319-12502-2
- Clark, I. D. and Fritz, P. (1997). *Environmental Isotopes in Hydrogeology*. Lewis Publisher, Boca Raton, New York.
- Cobbing, E. (2005). *Granite. in Barber, A.J., Crow, M.J. and Milsom, J.S. (ed.) Sumatra. Geology, Resources and Tectonic Evolution. Geological Society Memoir*, No. 31.
- Crow, M. (2005). *Pre-Tertiary Volcanic Rocks*. In Barber, A.J., Crow, M.J. and Milsom, J.S. (ed.) *Sumatra : Geology, Resources and Tectonic Evolution. Geological Society Memo, Volume 31*, 234-257.

- Dentith, M. and Mudge, S. (2014). *Geophysics for the Mineral Exploration Geoscientist*. New York: Cambridge University Press.
- Departemen Teknik Geologi Universitas Gadjah Mada. (2021). Panduan Penulisan Sitasi dan Daftar Pustaka. Retrieved from [https://pasca.geologi.ugm.ac.id/file/panduan-penulisan-sitiran-pustaka-dan-daftar-pustaka\\_tesis/](https://pasca.geologi.ugm.ac.id/file/panduan-penulisan-sitiran-pustaka-dan-daftar-pustaka_tesis/) (accessed May 2023).
- Devi, P., Srinivasulu, S., and Raju, K. (2001). *Hydrogeomorphological and groundwater prospects of the Pageru River basin by using remote sensing data. Environmental Geology*, Volume 40, 1088-1094. doi:doi:10.1007/s002540100295
- Edet, A., Okereke, C., Teme, S., and Esu, E. (1998). *Application of remote-sensing data to groundwater exploration: A case study of the Cross River State, southeastern Nigeria. Hydrogeology Journal*, Volume 6, 394-404. doi:doi:10.1007/s100400050162
- Espana J. S., E. L. Pamo, E. S. Pastor and M.D. Ercilla. (2008). *The Acidic Mine Pit Lakes of The Iberian Pyrite Belt: An Approach to Their Physical Limnology and Hydrogeochemistry. Applied Geochemistry*. 23:1260-1287.
- Ettazarini, S. (2007). *Groundwater potentiality index: a strategically conceived tool for water research in fractured aquifers. Environmental Geology*, Volume 52, 447-487. doi:doi 10.1007/s00254-006-0481-0
- Ettazarini, S., dan Jakani, M.E., (2020) *Mapping of groundwater potentiality in fractured aquifers using remote sensing and GIS techniques: the case of Tafraoute region, Morocco: Environmental Earth Sciences*, v. 79, p. 105-117, doi.org/10.1007/s12665-020-8848-1.
- Fitrianto, T. N., Supriyadi, S., Taufiq, U. A., Mukromin, T. M. and Wardana, A. P. (2018). Identifikasi Potensi Air Tanah Menggunakan Metode Geolistrik Resistivitas Konfigurasi Schlumberger di Kelurahan Bapangsari Kecamatan Bagelen Kabupaten Purworejo. *Jurnal Fisika Flux*, 15(2), 100–104.
- Fitriansyah, H., dan Dewa, J. (2023). Studi Pengelolaan Air Minum Guna Mendukung Perkembangan di Kota Pangkalpinang. *Cermin : Jurnal Penelitian*, Vol. 7 No. 1, 1-10.
- Franto. (2015). Interpretasi Struktur Geologi Regional Pulau Bangka Berdasarkan Citra Shuttle Radar Topography Mission (SRTM). *Jurnal Promine*, Vol. 3 (1), 10-20.
- Gogu, R., and Dassargues, A. (2000). *Current trends and future challenges in groundwater vulnerability assessment using overlay and index methods*. v. 39, 549-559. doi:doi.org/10.1007/s002540050466
- Gowd, S. (2004). *Electrical resistivity surveys to delineate groundwater potential aquifers in Peddavanka watershed, Anantapur District, Andhra Pradesh, India. Environmental Geology*, Volume 1, 1. doi:doi:10.1007/s00254-004-1023-2
- Haas, R., and Meixner, O. (2009). *An Illustrated Guide to the Analytic Hierarchy Process. University of Natural Resources and Applied Life Sciences*, 40.
- Hasibuan, H., Putra, D., & Surjono, S. (2022). Penentuan Zona Target Eksplorasi Air Tanah Di Daerah Air Tanah Langka Pegunungan Selatan, Daerah Istimewa Yogyakarta dengan Metode *Groundwater Potentiality Index* (GPI). Yogyakarta: Departemen Teknik Geologi Fakultas Teknik UGM.
- Horton, R. (1932). *Drainage-basin characteristics. Eos, Transactions American Geophysical Union*, 350-361. doi:doi:10.1029/TR013i001p00350
- Kaliraj, S., Chandrasekar, N., & Magesh, N. (2013). *Identification of potential groundwater recharge zones in Vaigai upper basin, Tamil Nadu, using GIS-based analytical hierarchical process (AHP) technique. Arabian Journal of Geosciences*, Volume 7, 1385-1401. doi:doi:10.1007/s12517-013-0849-x

- Katili, J. (1967). *Structure And Age of The Indonesian Tin Belt With Special Reference to Bangka. Tectonophysics - Elsevier Publishing Company.*
- Mangga, S. A., dan Djamal, B. (1994). Peta Geologi Lembar Bangka Utara, Sumatera. Skala 1:250.000. Bandung: Pusat Penelitian dan Pengembangan Geologi.
- Margono, U., Supandjono, R., dan Partoyo, E. (1995). Peta Geologi Lembar Bangka Selatan, Sumatera. Bandung: Pusat Penelitian dan Pengembangan Geologi.
- Kementerian Energi dan Sumber Daya Mineral Republik Indonesia. (2017). Peraturan Menteri Energi dan Sumber Daya Mineral Republik Indonesia Nomor 2 Tahun 2017 Tentang Cekungan Air Tanah. Retrieved from <https://jdih.esdm.go.id/index.php/web/result/1612/detail>. (accessed Februari 2024).
- Kementerian Energi dan Sumber Daya Mineral Republik Indonesia. (2020). Peluang Investasi Timah Indonesia. Retrieved from <https://www.esdm.go.id/en/booklet/booklet-tambang-timah-2020> (accessed February 2024).
- Naibaho, T., dan Arifin, I. (2010). Verifikasi Litologi Terhadap Nilai Kerentanan Magnetik di Perairan Bangka Belitung. Jurnal Geologi Kelautan, Vol. 8, No. 1, 37-46.
- Nair, H., Padmalal, D., Joseph, A., and Vinod, P. (2017). *Delineation of Groundwater Potential Zones in River Basins Using Geospatial Tools—an Example from Southern Western Ghats, Kerala, India. Journal of Geovisualization and Spatial Analysis*, Volume 1, 5-20. doi:doi 10.1007/s41651- 017-0003-5
- Nugraha, G. U., Gaol, K. L., Hartanto, P., and Bakti, H. (2020). *Aquifer Vulnerability: Its Protection and Management - A Case Study in Pangkalpinang City, Indonesia. Hindawi: International Journal of Geophysics*, 1-23. doi:doi:10.1155/2020/8887914
- Nugroho, J., Nurmalasari, C., dan Nugraha, A. (2022). Identifikasi Zona Potensi Air Tanah Berbasis Sistem Informasi Geografis dan *Analytical Hierarchy Process* (Studi Kasus : Provinsi Daerah Istimewa Yogyakarta). Elipsoida : Jurnal Geodesi dan Geomatika, Vol 05 No 1, 9-15.
- Panahi, M., Mousavi, S., and Rahimzadegan, M. (2017). *Delineation of groundwater potential zones using remote sensing, GIS, and AHP technique in Tehran–Karaj plain, Iran. Environmental Earth Science*, v. 76, 792-806. doi:doi.org/10.1007/s12665-017-7126-3
- Pemerintah Kota Pangkalpinang. (2021). Peta Potensi Investasi Kota Pangkalpinang Tahun 2021. Kota Pangkalpinang.
- Pinto, D., Shrestha, S., Babel, M., and Ninsawat, S. (2017). *Delineation of groundwater potential zones in the Comoro watershed, Timor Leste using GIS, remote sensing and analytic hierarchy process (AHP) technique. Applied Water Science*, Volume 7, 503-519. doi:doi:10.1007/s13201-015-0270-6
- Pradhan, B. (2009). *Groundwater potential zonation for basaltic watersheds using satellite remote sensing data and GIS techniques. Central European Journal of Geosciences*, Volume 1, 120-129. doi:doi:10.2478/v10085-009-0008-5
- Presiden Republik Indonesia. (2011). Keputusan Presiden Republik Indonesia Nomor 26 Tahun 2011 Tentang Penetapan Cekungan Air Tanah. 1-56: Jakarta.
- Rao, N. (2006). *Groundwater potential index in a crystalline terrain using remote sensing data. Environmental Geology*, Volume 50, 1067-1076. doi:doi 10.1007/s00254-006-0280-7
- Rao, N., Chakradhar, G., & Srinivas, V. (2001). *Identification of groundwater potential zones using remote sensing techniques in and around Guntur Town, Andhra*

- Saaty, T. (1980). *The Analytic Hierarchy Process*. McGraw Hill.
- Saaty, T. (2001). *Fundamentals of the Analytic Hierarchy Process*, in Schmoldt, D. L., Kangas, J., Mendoza, G. A., dan Pesonen, M., ed., *The Analytic Hierarchy Process in Natural Resource and Environmental Decision Making*. Kluwer Academic Publisher, 25-35. doi: DOI 10.1007/978-94-015- 9799-9
- Saaty, T. (2008). *Decision-making with the analytic hierarchy process*. *International Journal of Services Sciences*, Volume 1, 83-98. doi:doi.org/10.1504/IJSSCI.2008.017590
- Saaty, T., and Vargas, L. (2001). *Models, methods, concepts & applications of the analytic hierarchy process*. Kluwer Academic Publisher, 333. doi:DOI 10.1007/978-1-4615-1665-1
- Sabri, F., dan Hambali, R. (2013). Kajian Imbangan Air Pulau Bangka. *Jurnal Fropil*, Vol. 1, No. 2, 1-15.
- Sapkota, S., Pandey, V., Bhattarai, U., Panday, S., Shrestha, S., & Maharjan, S. (2021). *Groundwater potential assessment using an integrated AHP-driven geospatial and field exploration approach applied to a hard-rock aquifer Himalayan watershed*. *Elsevier Journal of Hydrology: Regional Studies*, Vol. 37, 1-15. doi:doi:10.1016/j.ejrh.2021.100914
- Schumm, S. A. (1956). *Evolution of Drainage Systems and Slopes in Badland at Perth Amboy, New Jersey*. *Bulletin of The Geological Society of America*, Volume 67, 597-646.
- Sener, E., Davraz, A., and Ozcelik, M. (2005). *An integration of GIS and remote sensing in groundwater investigations: A case study in Burdur, Turkey*. *Hydrogeology Journal*, Volume 13, 826-834. doi:doi:10.1007/s10040-004-0378-5
- Shekhar, S., and Pandey, A. (2015). *Delineation of groundwater potential zone in hard rock terrain of India using remote sensing, geographical information system (GIS) and analytic hierarchy process (AHP) techniques*. *Geocarto International*, Volume 30, 402-421. doi:doi:10.1080/10106049.2014.894584
- Stahler, A. (1957). *Quantitative Analysis of Watershed Geomorphology*. *Transactions American Geophysical Union*, Volume 38, 913-920. doi:doi:10.1029/TR038i006p00913
- Sugiono. (2020). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Bandung, Alfabeta
- Sukrisna, A., dan Sudadi, P. (2002). *Peta Hidrogeologi Lembar Bangka Belitung 1*. Bandung: Direktorat Tata Lingkungan Geologi dan Kawasan Pertambangan.
- Sulandari, U., Sapei, A., Eriyatno, Faqih, A., dan Karlinasari, L. (2022). *Model Pengelolaan Penyediaan Air Bersih Berkelanjutan dengan Memanfaatkan Kolong di Pulau Bangka*. Retrieved from <https://repository.ipb.ac.id/handle/123456789/112205>
- Sulista. (2019). *Tambang Inkonvensional : Peran Masyarakat dan Daya Tarik ekonomi Bagi Penambang*. *Jurnal Teknologi Mineral dan Batubara*, Vol. 15, No. 1, 63-75. doi:DOI: 10.30556/jtmb.Vol15.No1.2019.348
- Syafarini, H., Hendrayana, H., dan Winardi, S. (2022). *Penentuan Daerah Prioritas Pengembangan Pemanfaatan Air Tanah Dengan Metode Analytic Hierarchy Process di Pulau Rote Nusa Tenggara Timur*. Yogyakarta: Departemen Teknik Geologi Fakultas Teknik UGM.
- Telford, W. M., Geldart, L. P., and Sheriff, R. E. (1990). *Applied Geophysics, 2nd Ed*. New York: Cambridge University Press.

- Van Zuidam, R. A. (1985). *Guide to Geomorphologic-Aerial Photographic Interpretation and Mapping*. Enschede The Netherlands, 325 h.
- Yulianti., Bani, B., dan Albana. (2020, Februari). Analisa Pertambangan Timah Di Provinsi Kepulauan Bangka Belitung. Jurnal Ekonomi, Volume 22 Nomor 1, 54-62.