

DAFTAR PUSTAKA

- Arofah, T. T., Awaluddin, M., dan Nugraha, A. L. 2017. *Analisis Persebaran Minimareket Modern Berbasis Sig (Sistem Informasi Geografis) Di Kabupaten Kudus*. Jurnal Geodesi Undip Oktober 2017, 6(6), 1–8.
- Ammar, A., Askar, Munir HB, A., & Sahara. (2022). Analisis Pemetaan Zona Konservasi Air Tanah Di Provinsi Sulawesi Selatan Menggunakan Aplikasi Qgis. *JFT: Jurnal Fisika Dan Terapannya*, 9(1), 55-64. <https://doi.org/10.24252/jft.v9i1.26495>.
- Bashit, N., Prasetyo, Y., Sukmono, A., Wicaksono, W., 2020. Analysis of built up land spatial patterns using multitemporal satellite imagery in Pekalongan City. *J. Appl. Geospat. Inform.* 4, 356.
- Becker, J. E. (2017). *The influence of urbanization on arthropod water demand and lipid and protein consumption in mesic environments* (Doctoral dissertation, Bowling Green State University). Amerika Serikat.
- Bertrand, G., Petelet-Giraud, E., Cary, L., Hirata, R., Montenegro, S., Paiva, A., Mahlknecht, J., Coelho, V., & Almeida, C. 2022. Delineating groundwater contamination risks in southern coastal metropolises through implementation of geochemical and socioenvironmental data in decision-tree and geographical information system. *Water Research*, 209: p.117877. doi: 10.1016/j.watres.2021.117877.
- BMKG (2020) 'Data Curah Hujan Kota Pekalongan Provinsi Jawa Tengah', in. Kota Pekalongan.
- Bouderbala, A. 2020. Groundwater quality assessment of the coastal alluvial aquifer of Wadi Hachem, Tipaza, Algeria. *Environmental and Socio-Economic Studies*, 8(4): 11–23. doi: 10.2478/environ-2020-0020.
- Care International. 2019. *Climate Vulnerability and Capacity Analysis Handbook Version 2.0: Informing Community-Based Adaptation, Resilience and Gender Equality*.

Dinas ESDM Provinsi Jawa Tengah. 2012. *Penyusunan Zona Pemanfaatan dan Konservasi Air Tanah Cekungan Air Tanah Pekalongan-Pemalang.*

Dinas ESDM Provinsi Jawa Tengah. 2022. *Evaluasi Zona Pemanfaatan dan Konservasi Air Tanah pada Cekungan Air Tanah (CAT) Semarang-Demak, CAT Pekalongan-Pemalang, CAT Karanganyar-Boyolali.*

Effendi, A.T.: Hydrogeological Map of Indonesia 1:250.000 Sheet IV Pekalongan, Geological Agency, Bandung (1985).

Ghazavi, R., and Ebrahimi, Z. 2015. Assessing Groundwater Vulnerability to Contamination in An Arid Environment Using DRASTIC and GOD Models. *International Journal Enviro Science Technology*. 12, 2909-2918.

Ghosh, S. (2019). Access to Water and Sanitation is Not Enough, but their Management to End the Crisis. *IJSR*, 8(2): 80-82. <https://www.ijsr.net/archive/v8i2/ART20194883.pdf>

Gigović, L., Pamučar, D., Bajić, Z., and Drobnjak, S. 2017. *Application of GIS-interval rough AHP methodology for flood hazard mapping in Urban areas.* *Water (Switzerland)*, 9(6), 1–26

Haque, C.N., Haque, M., Jana, H., Basu, D., & Karak, S. (2021). Socio Economic Factors Responsible for Groundwater Consumption in Purba Bardhaman District of West Bengal. *International Journal of Environment and Climate Change*. <https://doi.org/10.9734/ijecc%2F2021%2Fv11i1130533>

Hasani, Meitharisha & Hendrayana, Heru & Taufiq, Ahmad. (2023). *Determination of Aquifer System Using Resistivity Method in Pekalongan City and Surrounding Areas, Central Java, Indonesia.* 10.2991/978-94-6463-228-6_12.

Harjanto Agus., Putranto T.T, Simaremare Truman. (2018). *Aplikasi Analisis Spasial untuk Penentuan Zona Imbuhan dan Zona Lepas Airtanah, Cekungan Air Tanah (CAT) Karangobar, Provinsi Jawa Tengah.* *Jurnal Ilmu Lingkungan* Volume 16 Issue 2 (2018): 162-172 ISSN 1829-890

Hendrayana, H. (2014). *Pengelolaan sumberdaya airtanah di Indonesia.* Universitas Gadjah Mada.

Hendrayana, Heru. (2015). *Pengelolaan Sumberdaya Airtanah-Sebuah Ringkasan (2014)*. 10.13140/RG.2.1.1258.4485.

Iskandar, S. A., Helmi, M., Muslim, M., Widada, S., and Rochaddi, B., 2020. Analisis Geospasial Area Genangan Banjir Rob dan Dampaknya pada Penggunaan Lahan Tahun 2020 - 2025 di Kota Pekalongan Provinsi Jawa Tengah. *Indonesian Journal of Oceanography*, [Online] Volume 2(3), pp. 271-282.

Juliansyah, F. (2023). *Analisis perubahan iklim dalam ketersediaan air baku dan penyediaan air minum pada daerah terpencil*. Universitas Pancasila

Kämpfner, L., T. R. Rüde, and DP Eka Putra. "Characterization of shallow groundwater chemistry in the Yogyakarta basin, Central Java." *IOP Conference Series: Earth and Environmental Science*. Vol. 851. No. 1. IOP Publishing, 2021.

Khairy, H., & Janardhana, M.R. (2016). Impact of The Geological Setting and Anthropogenic Activities on Groundwater Salinization: A Case Study On Semi Confined Coastal Aquifer in Mazandaran Province, Northern Iran. *Journal of Applied Geochemistry*, 18, 203-214

Komalawati, K., Romdon, A. S., & Hidayat, Y. (2024). *Pengetahuan dan persepsi masyarakat terhadap pemanfaatan dan konservasi air tanah di Kota Pekalongan*.

LAPAN (2020) 'Laporan kemajuan Hasil pemantauan penurunan muka tanah (land subsidence) di beberapa kota besar di Pulau Jawa berdasarkan data satelit penginderaan jauh Definisi'

Listyani R.A.T., Prabowo Ignatius A., Suparta Wayan, 2023, *Determination of groundwater recharge–discharge zone to support water resources in Galur–Lendah area, Indonesia*. *Journal Of Water And Land Development* DOI:

10.24425/jwld.2023.143761 2023, No. 56 (I–III): 203–214

M. Zeleňáková, G. Hudáková, and A. Stec, *Rainwater Infiltration in Urban Areas*. Cham, Switzerland: Springer Nature Switzerland AG, 7–41 (2020)

Mardiyanto, B., Rochaddi, B., and Helmi, M., 2013. *Kajian Kerentanan Tsunami Menggunakan Metode Sistem Informasi Geografi di Kabupaten Bantul*,

Daerah Istimewa Yogyakarta. *Journal of Marine Research*, [Online] Volume 2(1), pp. 103-111.

Marfai, M. A., Cahyadi, A., Kasbullah, A. A., Hudaya, L. A., dan Tarigan, D. R. 2015. *Pemetaan partisipatif untuk estimasi kerugian akibat banjir rob di kabupaten pekalongan*. Seminar Nasional Geografi UMS 2015

Morris, B.L., Lawrence, A.R., Chilton, P.J.C., Adams, B., Calow, R.C., and Klinck, B.A., 2003, Groundwater and its susceptibility to degradation: A global assessment of the problem and options for management. Early Warning and Assessment Report Series, RS.03-3. United Nations Environment Programme, Nairobi, Kenya; p. 140

Mous, T., van Veen, B., Oost, R., Akmalia, R., Dam, R., Handayani, W., ... & Minderhoud, P. S. (2024). Explaining land subsidence variation along the north coast of Java for Semarang and Pekalongan, Indonesia.

Praponco, N. T., Susanto, I., & Ikhwan, M. N. (2022). *Identifikasi potensi rob di wilayah pesisir Kabupaten Pekalongan berdasarkan aspek geologi kewilayahan*. *Kajen*, 6(2), 72–82.

Prasada, I.Y., Masyhuri, M., 2019. *The conversion of agricultural land in urban areas (case study of Pekalongan City, Central Java)*. *J. Agribus. Rural Develop. Res.* 5(2), 112e118. <https://doi.org/10.18196/agr.5280>.

Purnomo, S.N. and Lo Weicheng, *Groundwater Modelling in Urban Development to Achieve Sustainability of Groundwater Resources: A Case Study of Semarang City, Indonesia*. *MDPI water*, 2021, vol. 13, 1395

Purnomo, S.N. and Lo Weicheng, *Groundwater Modelling in Urban Development to Achieve Sustainability of Groundwater Resources: A Case Study of Semarang City, Indonesia*. *MDPI water*, 2021, vol. 13, 1395

Putranto, T. T., Widiarso, D. A., & Yuslihanu, F. (2016). *Studi kerentanan air tanah terhadap kontaminan menggunakan metode DRASTIC di Kota Pekalongan*. Universitas Diponegoro

Putranto T.T, Lutfhi Muhammad Iman, Qadaryati Nurakhmi, Santi Narulita, Hidayat Wahyu Krisna (2019). *Aquifer System, Recharge-Discharge Zone and Groundwater Basin Boundary Mapping to Support Open and Transparent*

- Water Data, Case Study: Karangobar Groundwater Basin. E3S Web of Conferences 1251, 01012 (2019)
- Putranto, T.T., Hadiyanto, Hati, A.C. (2020). *Studi Penentuan Sumur Resapan sebagai Upaya Pengendalian Banjir di Kota Pekalongan Berbasis Sistem Informasi Geografis*. Jurnal Pekalongan, 18(2):
- Putranto, T. T., Hidayat, W. K., & Prayudi, S. D. (2020). Pemetaan Hidrogeologi dan Analisis Geokimia Air Tanah Cekungan Air Tanah (CAT) Kendal. *Jurnal Ilmu Lingkungan*, 18(2), 305-318.
- Putranto T.T, Susanto Novie, Martini Mestri.2022. *Studi Penyusunan Zona Kerentanan Air Tanah Metode Groundwater Occurance, Overlaying Lithology, Depth Of Groundwater (God) Di Kota Pekalongan*. Jurnal Litbang Kota Pekalongan. <https://doi.org/10.54911/litbang.v20i2.211>
- Putri, E A D,et.All,2023. Zonation of critical water distribution based on meteorological water balance in Coastal Areas of Pekalongan City. IOP Conf. Series: Earth and Environmental Science. 1266 (2023) 012060. doi:10.1088/1755-1315/1266/1/012060
- Sarah, D. and Soebowo, E. (2018): Land subsidence threats and its management in the North Coast of Java. IOP Conference Series: Earth and Environmental Science, 118, 012042
- Srinivas, R., Bhakar, P., & Singh, A.P. 2015. Groundwater Quality Assessment in Some Selected Area of Rajasthan, India Using Fuzzy Multi-Criteria Decision Making Tool. International Conference on Water Resources, Coastal, and Ocean Engineering (ICWRCOE 2015). Elsevier Inc. USA.
- Srinivas, dkk. (2015). *Pemetaan Hidrogeologi untuk Analisis Zona Konservasi Air Tanah di Cekungan Air Tanah (CAT) Sumowono, Provinsi Jawa Tengah*. Jurnal Presipitasi, 17(2), 154–168.
- Suharini, E., Hanafi, F., Akhsin, W., Sidiq, B.N., 2017. *Study of population growth and land use change impact of intrusion at Pekalongan City*. In: *Proceedings of the 1st International Conference on Geography and Education (ICGE 2016)*. Atlantis Press, Dordrecht, pp. 232e238. <https://doi.org/10.2991/icge-16.2017.46>.

- Todd, D.K., & Mays, L.W. 2005. Groundwater hydrology. In Groundwater Hydrology (3rd ed.). John Wiley & Sons. doi: 10.1002/0 470871660
- Unknown, Pekalongan Municipality in Figures 2022, Publication Number: 33750.2202, Statistics of Pekalongan Municipality (2022).
- W.H.Condon, dkk dan TC. Amin, 1996, *Peta Geologi Lembar Pekalongan-Banjarnegara, Jawa*, Pusat Pengembangan dan Penelitian Geologi, Bandung.
- Wardhana, R.R., Warnana, D.D., & Widodo, A. 2017. Penyelidikan Intrusi Air Laut pada Air Tanah dengan Metode Resistivitas 2D di Daerah Surabaya Timur. *Jurnal Teknik ITS*, 6(1): C18-C83.
- Waruwu, M. (2023). Pendekatan penelitian pendidikan: metode penelitian kualitatif, metode penelitian kuantitatif dan metode penelitian kombinasi (Mixed Method). *Jurnal Pendidikan Tambusai*, 7(1), 2896–2910
- Wijoyo, M. F. H. (2017). *Efektivitas Program Penyediaan Air Minum dan Sanitasi Berbasis Masyarakat (PAMSIMAS) Di Kabupaten Pekalongan*. *Journal of Public Policy and Administration Research*, 2(2), 150-160
- Zainuri, M., Helmi, M., Novita, M. G. A., Pancasakti Kusumaningrum, H., and Koch, M. (2022). An Improve Performance of Geospatial Model to Access the Tidal Flood Impact on Land Use by Evaluating Sea Level Rise and Land Subsidence Parameters. *Journal of Ecological Engineering*, 23(2), pp.1-11. <https://doi.org/10.12911/22998993/144785>
- Zekai., S., 2015, *Practical and Applied Hydrogeology*. Elsevier: Amsterdam.

SEKOLAH PASCA SARJANA
UNIVERSITAS DIPONEGORO



**SEKOLAH PASCA SARJANA
UNIVERSITAS DIPONEGORO**