

DAFTAR PUSTAKA

- Back, W, 1961, Techniques for Mapping of Hydrochemical Facies, US Geological Survey Professional Paper, v. 424, p. 380-382
- Berner, E., dan Berner, R., 2012, Water, Air, and Geochemical Cycles: New Jersey, Princeton University Press, 701 p.
- Chen, P.Y., 1977, Table of Key by Lines in X-Ray Power Diffraction Patterns of Minerals in Clays and Associated Rocks. Occasional Paper 21, Department of Natural Resources, Geological Survey, Bloomington, 67 p.
- Davis, S.N. dan De Wiest, R.J.M., 1966, Hydrogeology, 1st Edition, New York, John Wiley & Sons Inc.
- Domenico, P., dan Schwartz, F., 1998, Chemical, Physical and Hydrogeology: New York, John Wile & Sons, Inc., 494 p.
- Embaby, A., Razack, M., Lecoz, M., dan Porel, G., 2016, Hydrogeochemical Assessment of Groundwater in the Precambrian Rocks, South Eastern Desert, Egypt: Journal of Water Resource and Protection, v. 08, p. 293–310, doi:10.4236/jwarp.2016.83025.
- Embry, A. F., dan Klovan, J. E., 1971, A Late Devonian Reef Tract on Northeastern Banks Island, NWT : Bulletin of Canadian petroleum geology, v. 19, No. 4, p. 730-781.
- Fetter, C. W., 2014, Applied Hydrogeology, 4th Edition: New Jersey, Prentice-Hall, Inc., 615 p.
- Freeze, R.A. dan Cherry, J.A., 1979, Groundwater : New Jersey, Prentice-Hall Inc., Englewood Cliffs, 604 p.
- Furtak, H. dan Langguth, H., 1967, Zur hydrochemischen Kennzeichnung von Grundwassern und Grundwassertypen mittels Kennzahlen. Mem. IAH-Congress VII, 86–96.
- Genevraye, P., dan Samuel, L., 1972, Geology of The Kendeng Zone (Central and East Java), in p. 17–29.
- Haq, B.U., J. Hardenbol, dan P.R. Vail, 1987, Chronology of Fluctuating Sealevels since the Triassic, science, 235, pp. 1156-1167
- Hendrayana, H., 2013, Hidrogeologi Mata Air: Yogyakarta, 8 p.
- Hiscock, K., dan Bense, V., 2014, Hydrogeology Principles and Practice: Wiley Blackwell, 505 p.
- Hölting, B. dan Coldewey, W. G., 2019, Hydrogeology, Berlin: Springer, 384 p.

- Ibanez, J.G., Esparza, M.H., Serrano, C.D., dan Infante, A.F., 2007, *Environmental Chemistry Fundamentals: Mexico*, Springer, 1–325 p.
- Kamtchueng, B. T., Fantong, W. Y., Ueda, A., Tiodjio, E. R., Anazawa, K., Wirmvem, M. J., Mvondo, J. O., Nkamdjou, L. S., Kusakabe, M., Ohba, T., Tanyileke, G., dan Hell, J. V., 2014, Assessment of shallow groundwater in Lake Nyos catchment (Cameroon, Central-Africa): implications for hydrogeochemical controls and uses: *Environmental Earth Sciences*, v. 72, p. 3663–3678, doi:10.1007/s12665-014-3278-6.
- Kodotie, R.J., 2012, *Tata Ruang Air Tanah*: Yogyakarta, Penerbit Andi, 511 p.
- Lakshmanan, E., Kannan, R., dan Senthil Kumar, M., 2003, Major ion chemistry and identification of hydrogeochemical processes of ground water in a part of Kancheepuram district, Tamil Nadu, India: *Environmental Geosciences*, v. 10, p. 157–166, doi:10.1306/eg100403011.
- Langmuir, D., 1997, *Aqueous Environmental Geochemistry*: New Jersey, Prentice Hall, Inc., 590p.
- Listyani R.A.T., 2016, *Hydrochemistry of Groundwater in Geyer, Grobogan Province, Central Java*: Kurvatek, v. 1, p. 13–19, doi:10.33579/krvtk.v1i2.230.
- Maulana, A. N., Miftahussalam, dan Purnawati, D. I., 2019, Karakteristik Hidrogeokimia dan Implikasinya terhadap Kualitas Air Tanah pada Desa Buaran, Kecamatan Mayong, Kabupaten Jepara, Provinsi Jawa Tengah: *Jurnal Teknomineral*, v. 1 no. 2, p. 63-70.
- Maurice, 2022, How to calculate the pH value of a Carbonate solution? Chemistry Stack Exchange, <https://chemistry.stackexchange.com/q/169499>.
- Mohd Razali, N., dan Bee Wah, Y., 2011, Power comparisons of Shapiro-Wilk, Kolmogorov-Smirnov, Lilliefors and Anderson-Darling tests: *Journal of Statistical Modeling and Analytics*, v. 2, p. 21–33.
- Mazor, E., 2004, *Chemical and Isotopic Groundwater Hydrology*: New York, Marcel Dekker, Inc., 453 p.
- Mount, J., 1985, Mixed siliciclastic and carbonate sediments: a proposed first-order textural and compositional classification: *Sedimentology*, v. 32, p. 435–442.
- Nsabimana, A., dan Li, P., 2023, Hydrogeochemical characterization and appraisal of groundwater quality for industrial purpose using a novel industrial water quality index (IndWQI) in the Guanzhong Basin, China: *Geochemistry*, v. 83, p. 125922, doi:10.1016/j.chemer.2022.125922.
- Obilor, E.I., dan Amadi, E.C., 2018, Test for Significance of Pearson's Correlation Coefficient (): *International Journal of Innovative Mathematics*,

- Statistics & Energy Policies, v. 6, p. 11–23, <https://seahipaj.org/journals-ci/mar-2018/IJIMSEP/full/IJIMSEP-M-2-2018.pdf>.
- Piper, A.M, 1944, A Graphic Procedure in the Geochemical Interpretation of Water Analyses, American Geophysical Union Transactions, 25, 914-923.
- Pitch, B., Warmada, I.W., Hendrayana, H., dan Yoneda, T., 2016, Modified Zeolite and Bentonite as Adsorbents of Heavy Metal Ions: v. 4, p. 49–61.
- Prasetyadi, C, 2007, Evolusi Tektonik Paleogen Jawa Bagian Timur, Disertasi, Program Doktor Teknik Geologi, Institut Teknologi Bandung.
- Prihatini, A., 2023, Polres Grobogan Ikut Bantu Warga Terdampak Kekeringan: SoloposJateng,.
- Pringgoprawiro, H., 1983, Biostratigrafi dan Paleogeografi Cekungan Jawa Timur Utara, Suatu Pendekatan Baru: Institut Teknologi Bandung.
- Razi, M.H., Wilopo, W., dan Putra, D.P.E., 2024, Hydrogeochemical evolution and water–rock interaction processes in the multilayer volcanic aquifer of Yogyakarta-Sleman Groundwater Basin, Indonesia: Environmental Earth Sciences, v. 83, p. 1–17, doi:10.1007/s12665-024-11477-6.
- Rhoades, J. D., Kandiah, A., dan Mashali, A. M, 1992, The Use of Saline Waters for Crop Production-FAO Irrigation and Drainage : FAO, Rome, v. 133.
- Rosalina, L., Oktarina, R., Rahmiati, dan Saputra, I., 2023, Buku Ajar Statistika: Padang, Muharika Rumah Ilmiah, 123 p.
- Rusydi, A.F., 2018, Correlation between conductivity and total dissolved solid in various type of water: A review: IOP Conference Series: Earth and Environmental Science, v. 118, p. 12019, doi:10.1088/1755-1315/118/1/012019.
- Salam, A.K., 2023, Pengantar Ilmu Kimia Tanah: Bandar Lampung, Global Madani Press, 190 p.
- Said, H.D., dan Sukrisno, 1988, Peta Geologi Hidrogeologi Indonesia Lembar Semarang, Jawa, Direktorat Geologi Tata Lingkungan, skala 1:250.000, 1 lembar.
- Spokane Aquifer Joint Board, 2023, Types of Aquifers:, <https://www.spokaneaquifer.org/the-aquifer/what-is-an-aquifer/types-of-aquifers/> (accessed Desember 2023).
- Suharyadi, 1984, Diktat Kuliah Geohidrologi: Yogyakarta, 192 hal.
- Sukardi dan Budhitrisna, 1992, Peta Geologi Lembar Salatiga, Jawa, Pusat Penelitian dan Pengembangan Geologi, skala 1:100.000, 1 lembar.
- Todd, D.K., dan Mays, L.W., 2005, Groundwater Hydrology, 3 rd Edition: Amerika, John Wiley & Sons, Inc., 636 p. Embaby, A., Razack, M., Lecoz, M., dan

- Porel, G., 2016, Hydrogeochemical Assessment of Groundwater in the Precambrian Rocks, South Eastern Desert, Egypt: *Journal of Water Resource and Protection*, v. 08, p. 293–310, doi:10.4236/jwarp.2016.83025.
- Winarno, T., Gunawan, Y.B.A., dan Marin, J., 2019, Analisis Mineralogi dan Kandungan Kimia Endapan Lumpur Sidoarjo dan Arah Pemanfaatannya: *Teknik*, v. 40, p. 91, doi:10.14710/teknik.v39i3.21742.
- Yuwana, J., Pandjaitan, N., dan Wasposito, R., 2017, Prediksi cadangan air tanah berdasarkan hasil pendugaan geolistrik di Kabupaten Grobogan, Jawa Tengah: *Jurnal Sumber Daya Air*, v. 13, p. 23–36, doi:10.32679/jsda.v13i1.139.
- Zaidi, F.K., Nazzal, Y., Jafri, M.K., Naeem, M., dan Ahmed, I., 2015, Reverse ion exchange as a major process controlling the groundwater chemistry in an arid environment: a case study from northwestern Saudi Arabia: *Environmental Monitoring and Assessment*, v. 187, doi:10.1007/s10661-015-4828-4.
- Zhao, G., Ding, W., Tian, J., Liu, J., Gu, Y., Shi, S., Wang, R., and Sun, N., 2022, Spearman rank correlations analysis of the elemental, mineral concentrations, and mechanical parameters of the Lower Cambrian Niutitang shale: A case study in the Fenggang block, Northeast Guizhou Province, South China: *Journal of Petroleum Science and Engineering*, v. 208, p. 109550, doi:10.1016/j.petrol.2021.109550.