



DAFTAR PUSTAKA

- Appelo, C.A.J., and Postma, D., 1993, Geochemistry, groundwater and pollution: Amsterdam, A.A. Balkema Publishers, 634p., doi:10.1016/0016-7037(94)90585-1.
- Appleyard, S., 1995, The Impact Of Urban Development On Recharge And Groundwater Quality In A Coastal Aquifer Near Perth, Western Australia: Hydrogeology Journal, v. 3, p. 65–75, doi:10.1007/s100400050072.
- Badan Informasi Geospasial Republik Indonesia, 2021, Peta Rupabumi Digital Indonesia. Bogor, Jawa-Barat, <http://tanahair.indonesia.go.id/portal-web/> (accessed Desember 2021)
- Balai Prasarana Permukiman Wilayah DI Yogyakarta, 2019, Profil IPAL Sewon: Ditjen Cipta Karya Balai Prasarana Permukiman Wilayah DI Yogyakarta, p. 1–16.http://ciptakarya.pu.go.id/dok/produk/profil/pdf/1561965408-booklet_IPAL.pdf (accessed February 2021).
- BPS Kabupaten Bantul, 2020, Kecamatan Kasihan dalam Angka 2020 (BPS Kabupaten Bantul, Ed.): Bantul, BPS Kabupaten Bantul, 128 p., doi:1102001.3402150.
- BPS Kota Yogyakarta, 2020, Kecamatan Gondomanan dalam Angka 2020 (Badan Pusat Statistik Kota Yogyakarta, Ed.): Yogyakarta, BPS Kota Yogyakarta, 151 p., doi:1102001.3471090.
- BPS Kota Yogyakarta, 2020, Kecamatan Kraton dalam Angka 2020 (Badan Pusat Statistik Kota Yogyakarta, Ed.): Yogyakarta, BPS Kota Yogyakarta, 135 p., doi: 1102001.3471020.82
- BPS Kota Yogyakarta, 2020, Kecamatan Mantrijeron dalam Angka 2020 (Badan Pusat Statistik Kota Yogyakarta, Ed.): Yogyakarta, BPS Kota Yogyakarta, 162 p., doi: 1102001.3471010.
- BPS Kota Yogyakarta, 2020, Kecamatan Ngampilan dalam Angka 2020 (Badan Pusat Statistik Kota Yogyakarta, Ed.): Yogyakarta, BPS Kota Yogyakarta, 153 p., doi: 1102001.3471100.
- BPS Kota Yogyakarta, 2020, Kecamatan Wirobrajan dalam Angka 2020 (Badan Pusat Statistik Kota Yogyakarta, Ed.): Yogyakarta, BPS Kota Yogyakarta, 153 p., doi: 1102001.3471110.
- Bradl, H.B., 2005, Heavy Metals in the Environment.: Neubrucke, Elsevier Ltd, v. 45, 283 p.
- Badan Standardisasi Nasional, 2004, SNI 03-1733-2004 Planning Procedures for Housing Environment in Urban Areas [Tata Cara Perencanaan Lingkungan Perumahan di Perkotaan]: Badan Standardisasi Nasional, p. 1–58, <http://sni.litbang.pu.go.id/index.php?r=/sni/new/sni/detail/id/694>.
- Djaeni, A., 1982, Peta Hidrogeologi Indonesia: Bandung, Direktorat Geologi Tata Lingkungan.
- Edmunds, W.M., and Shand, P., 2009, Natural Groundwater Quality: Blackwell Publishing Ltd, 469 p., doi:10.1002/9781444300345.
- Enez, Barış Oral Fincan, Aguloglu, Ziyadanogullari, E.V., and Berrin, S., 2020, Water Analysis Handbook: New York, U.S.A., SCP Science, v. 2, 322–342 p.
- Fidelibus, M.D., and Pulido-Bosch, A., 2019, Groundwater temperature as an indicator of the vulnerability of Karst coastal aquifers: Geosciences



- (Switzerland), v. 9, p. 1–22, doi:10.3390/geosciences9010023.
- Goddy, D.C., and Hinsby, K., 2009, Organic Quality of Groundwaters: Natural Groundwater Quality, p. 59–70, doi:10.1002/9781444300345.ch3.
- Harter, T., and Walker, L.G., 2001, Assessing Vulnerability of Groundwater: Watersheds, Groundwater and Drinking Water, p. 1–11, <http://groundwater.ucdavis.edu/files/136263.pdf>.
- Hendrayana, H., 2016, Cekungan Air Tanah Yogyakarta-Sleman: National Workshop Asia Pacific Centre for Ecohydrology (APCE), p. 21.
- Hendrayana, H., 2011, Introduction to Groundwater Vulnerability (Pengantar Kerentanan Air Tanah): Departemen Teknik Geologi Fakultas Teknik Universitas Gadjah Mada, p. 1–43, doi:10.13140/RG.2.1.1630.0647.
- Hendrayana, H., dan Putra, D. P. E. (2008). Pengendalian Air tanah: Departemen Teknik Geologi Fakultas Teknik Universitas Gadjah Mada, p.1–75. <https://doi.org/10.13140/RG.2.1.1760.400>
- Hendrayana, H., and Maulana, F.Y., 2018, Zonation of Groundwater Pollution Risk at Yogyakarta-Sleman Groundwater basin, Special Region of Yogyakarta: Departemen Teknik Geologi Fakultas Teknik Universitas Gadjah Mada, p. 1–21.
- Hendrayana, H., and Vicente, V.A. de S., 2013, Cadangan Air tanah Berdasarkan Geometri dan Konfigurasi Sistem Akuifer Cekungan air tanah Yogyakarta-Sleman: Prosiding Seminar Nasional Kebumian Ke-6, p. 356–370.
- Huffman, E.W., Brinkmann, K.O., Dage, R.C., Fair, P.S., Kaplan, L.A., Meschi, P.L., O'Dell, J.W., and Plam., M., 2000, TOTAL ORGANIC CARBON (TOC): Standard Methods Committe, p. 19–26.
- Ilham, M., Hendrayana, H., & Putra, D. (2021). Assessment of aquifer susceptibility to land subsidence due to groundwater over-exploitation in Yogyakarta-Sleman groundwater basin. In S. B. Wibowo (Ed.), *Proceedings of SPIE* (p. 11). SPIE digital library. <https://doi.org/10.1117/12.2615173>
- Ilham, M., Putra, D., & Hendrayana, H. (2020). Kajian Kerentanan Akuifer Terhadap Amblesan Lahan Akibat Pengambilan Air Tanah Berlebih Di Cekungan Air Tanah Yogyakarta-Sleman: Yogyakarta, Departemen Teknik Geologi, Fakultas Teknik Universitas Gadjah Mada.
- Kämpfner, L., Rüde, T.R., and Putra, D.P.E., 2021, Characterization of shallow groundwater chemistry in the Yogyakarta basin, Central Java: IOP Conference Series: Earth and Environmental Science, v. 851, doi:10.1088/1755-1315/851/1/012015.
- Kavindra, Churniya, A., Ravindra, Gatiyala, V., Chaundhary, K., and Sharma, S., 2020, Evaluation of TDS and Electrical Conductivity in Groundwater's of Udaipur, Rajasthan and Its Significant: International Journal of Fisheries and Aquatic Studies, v. 8(5), p. 203–206.
- Lerner, D.N., 2002, Identifying and quantifying urban recharge: A review: Hydrogeology Journal, v. 10, p. 143–152, doi:10.1007/s10040-001-0177-1.
- Liker, J.K., 2004, Total Organic Carbon: Madison, Wisconsin, CWL Publishing Enterprises, Inc,v.2004,5p.,<http://onlinelibrary.wiley.com/doi/10.1002/cbdv.200490137/abstract>.
- Manny, L., Atmaja, R.R.S., and Putra, D.P.E., 2016, Groundwater Level Changes



- in Shallow Aquifer of Yogyakarta City, Indonesia: Distribution and Causes: Journal of Applied Geology, v. 1, p. 89, doi:10.22146/jag.27584.
- Menteri Kesehatan Republik Indonesia, 2017, Peraturan Menteri Kesehatan Republik Indonesia Nomor 32 Tahun 2017 Tentang Standar Baku Mutu Kesehatan Lingkungan Dan Persyaratan Kesehatan Air Untuk Keperluan Higiene Sanitasi, Kolam Renang, Solus Per Aqua dan Pemandian Umum: Peraturan Menteri kesehatan Republik Indonesia, p. 1–20.
- Mera, K., 1975, on the Urban Agglomeration and Economic Efficiency: Reply: Economic Development and Cultural Change, v. 24, p. 207–210, doi:10.1086/450857.
- Merkel, B.J., and Friedrich, B.P., 2008, Groundwater geochemistry: A practical guide to modeling of natural and contaminated aquatic systems: 230 p., doi:10.1007/978-3-540-74668-3.
- Nurroh, S., Gunawan, T., and Kurniawan, A., 2020, Assessment of groundwater pollution risk potential using DRASTIC Model in Yogyakarta City, Indonesia: E3S Web of Conferences, v. 200, doi:10.1051/e3sconf/202020002002.
- Ojo, O.I., Otieno, F.A.O., and Ochieng, G.M., 2012, Groundwater: Characteristics, qualities, pollutions and treatments: An overview: International Journal of Water Resources and Environmental Engineering, v. 4, p. 162–170, doi:10.5897/ijwree12.038.
- Panczak, B., Alt, H., Wychen, S. Van, Sowell, A., Lesco, K., and Laurens, L.M.L., 2020, Determination of Total , Organic , and Inorganic Carbon in Biological Cultures and Liquid Fraction Process Samples Laboratory Analytical Procedure (LAP) Determination of Total , Organic , and Inorganic Carbon in Biological Cultures and Liquid Fraction P: National Renewable Energy Laboratory (NREL),.
- Pawari, M.J., and Gavande, S.M., 2013, Assessment of Water Quality Parameters : A Review: International Journal of Engineering Research and Applications, v. 3, p. 2029–2035.
- Purnama, S., and Cahyadi, A., 2019, Groundwater Vulnerability to Pollution in Kasihan District, Bantul Regency, Indonesia: Forum Geografi, v. 33, p. 140–152, doi:10.23917/forgeo.v33i2.7672.
- Purnama, I.L.S., and Primacintya, V.A., 2020, Groundwater vulnerability assessment to pollution in Kasihan, Bantul Regency: A comparative method study (GOD, SINTACS and DRASTIC): E3S Web of Conferences, v. 200, p. 1–5, doi:10.1051/e3sconf/202020002012.
- Putra, D.P.E., 2007, The Impact Of Urbanization on Groundwater Quality A Case Study Of Yogyakarta City-Indonesia: RWTH Aachen, 156 p.
- Putra, D.P.E., and Baier, K., 2008, Impact of Urbanization on Groundwater Recharge -- The Example of the Indonesian Million City Yogyakarta: UN Habitat- United Nations Settlement Programs: Fourth session of the World Urban Forum, Nanjing, China, Documentations of Germany's Contribution to a Sustainable Urban Future.,.
- Putra, D.P.E., and Indrawan, I.G.B., 2012, Assessment of aquifer susceptibility due to excessive groundwater abstraction; a case study of Yogyakarta-Sleman groundwater basin: ASEAN Engineering Journal Part C, v. 3, p. 105–116.



- Rahardjo, W., and Sukandarrumidi, 1995, Peta Geologi Lembar Yogyakarta: Bandung, Pusat Penelitian dan Pengembangan Geologi
- Sensamras, P., Hendrayana, H., and Putra, D.P.E., 2013, Groundwater Pollution Hazard Assessment in Yogyakarta City, Yogyakarta Special Province, Indonesia: Department of Geological Engineering, Faculty of Engineering, Gadjah Mada University, p. 1–12.
- Shimadzu, 2017, TOC Application Handbook: Kyoto, Shimadzu Corporation, 1–79p.,<https://solutions.shimadzu.co.jp/an/s/en/toc/jph513001.pdf?return=http://www.shimadzu.com/an/literature/toc/jph513001.html>.
- Sillanpää, M., Matilainen, A., and Lahtinen, T., 2015, Characterization of NOM: Natural Organic Matter in Water: Characterization and Treatment Methods, p. 17–53, doi:10.1016/B978-0-12-801503-2.00002-1.
- Srijono, and Husein, S., 2016, Peta Geomorfologi Daerah Istimewa Yogyakarta Peta Geomorfologi Daerah Istimewa Yogyakarta: Simposium Geologi Yogyakarta, doi:10.13140/RG.2.2.10627.50726.
- Sparks, A., 2016, nasapower: NASA-POWER Data from R. doi: 10.5281/zenodo.1040727,R..package..version..4.0.7, <https://CRAN.R-project.org/package=nasapower>. (accessed May 2022)
- Subanu, L.P., 2008, Governing Urban Development in Dualistic Societies: A Case Study of the Urban Region of Yogyakarta, Indonesia: 41–60 p., doi:10.1007/978-4-431-78147-9_3.
- Sudijono, A., 1996, Pengantar Statistik Pendidikan: Depok, PR Rahagrafindo Persada, 404 p.
- Thurman, E.M., 1985, Organic geochemistry of natural waters: v. 11, 53 p., doi:10.1016/0146-6380(87)90051-9.
- Wandari, K.A., Purnama, I.L.S., and Primacintya, V.A., 2020, Groundwater vulnerability study using SINTACS method in Banguntapan district, Bantul Regency: E3S Web of Conferences, v. 200, p. 8–12, doi:10.1051/e3sconf/202020002013.
- Weshah, R.A., Misganaw, D., and Keefer, L.L., 1993, The Role of Wetlands Stormwater *Runoff* for the Flint and Mutton Creek Watersheds, Lake County, Illinois: Illinois State Water Survey, p. 1–64.
- Wijaya, K.A., and Purnama, S., 2018, Kajian Kerentanan Air tanah terhadap Potensi Pencemaran di Kapanewon Kasihan Kabupaten Bantul: Jurnal Bumi Indonesia,v.7, p.1–10, <http://lib.geo.ugm.ac.id/ojs/index.php/jbi/article/view/943/915>.
- Wilopo, W., Putra, D.P.E., and Hendrayana, H., 2021, Impacts of precipitation, land use change and urban wastewater on groundwater level fluctuation in the Yogyakarta-Sleman Groundwater Basin, Indonesia: Environmental Monitoring and Assessment, v. 193, doi:10.1007/s10661-021-08863-z.
- Zaporozec, 2004, Groundwater contamination inventory: A Methodological Guide: Paris, United Nations Educational, Scientific and Cultural Organization 7, 162 p.