

DAFTAR PUSTAKA

- Adams, B., and Foster, S.S.D., 1992, Land-Surface Zoning for Groundwater Protection: Water and Environment Journal, v. 6, p. 312–319, doi:10.1111/j.1747-6593.1992.tb00755.x
- Back, William, 1960, Origin of hydrochemical facies of ground water in the Atlantic Coastal Plain, in Internat. Geol. Cong. Geochemical cycles: Internat. Geol. Cong. 21st Copenhagen 1960, Proc., pt. 1, p. 87-95.
- Badan Informasi Geospasial Republik Indonesia, 2022, Peta Rupa Bumi Digital Indonesia, Badan Informasi Geospasial (BIG), <http://tanahair.indonesia.go.id>.
- Badan Penanggulangan Bencana Daerah Provinsi Jawa Tengah, 2015, Rencana Penanggulangan Bencana Provinsi Jawa Tengah 2019 – 2023.
- Badan Pusat Statistik Indonesia, 2024, Laju Pertumbuhan Penduduk (Persen), 2021-2023, Diakses pada 10 Mei 2024, <https://www.bps.go.id/id/statistics-table/2/MTk3NiMy/laju-pertumbuhan-penduduk.html>
- Badan Standardisasi Nasional, 2002, Penyusunan Neraca Sumber Daya – Bagian 1: Sumber Daya Air Spasial: Standar Nasional Indonesia 19-6728.1-2002
- Badan Standardisasi Nasional, 2012, Bangunan Pengambilan Air Baku Untuk Instalasi Pengolahan Air Minum: Standar Nasional Indonesia 7829: 2012
- Badan Standardisasi Nasional, 2015, Penyusunan Neraca Sumber Daya – Bagian 1: Sumber Daya Air Spasial: Standar Nasional Indonesia 6728.1:2015
- Beekman, H.E., and Xu, Y., 2003, Review of groundwater recharge estimation in arid and semi-arid Southern Africa, Groundwater Recharge Estimation in Southern Africa, Cape Town, UNESCO Paris, v. 64, p. 3 – 16
- Van Bemmelen, R.W., 1949, The Geology of Indonesia. General Geology of Indonesia and Adjacent Archipelagoes: Government Printing Office, The Hague, p. 545–547; 561–562.
- Burgess, D.B., and Fletcher, S.W., 1998, Methods used to delineate groundwater source protection zones in England and Wales, Geological Society, London, Special Publication, v. 130, p. 199 - 210
- Carey, M., 2009, Groundwater Source Protection Zones: Review of Methods: Environment Agency, Environment Agency Science Report Series, 103 p., <https://books.google.co.id/books?id=6DFfPgAACAAJ>.
- Condon, W.H., Pardiyanto L., Ketner, K.R., Amin, T.C., Gafoer, S., dan Samodra H., 1996, Geological Map of Banjarnegara dan Pekalongan Quadrangle, Central Java,

Geological Research and Development Centre (GRDC) : Bandung, Indonesia

- Clark, I., 2015, *Groundwater Geochemistry and Isotopes*: Boca Raton, CRC Press, 421 p., doi:10.1201/b18347.
- Effendi, 1985, *Peta Hidrogeologi Indonesia Lembar VI Pekalongan (Jawa)*, Direktorat Geologi Tata Lingkungan.
- Esri, 2022, Imagery [basemap], Scale Not Given, World Imagery, <https://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08febac2a9>.
- Eriksson, E., and Khunakasem, V., 1969, Chloride concentration in groundwater, recharge rate and rate of deposition of chloride in the Israel Coastal Plain: *Journal of Hydrology*, v. 7, p. 178–197, doi:10.1016/0022-1694(69)90055-9.
- Erlinawati, D., 2022, *Penentuan Daerah Imbuhan Air Tanah Di Lereng Timur Gunung Sumbing Menggunakan Metode Hidrokimia Dan Isotop*, Universitas Gadjah Mada.
- Fadillah, S., 2023, *Penentuan Zona Perlindungan Air Tanah Mata Air Cibuntu Di Cekungan Air Tanah Tasikmalaya*, Universitas Gadjah Mada.
- Fetter, C.W., 2014, *Applied Hydrogeology*: Harlow, Essex, Pearson, 610 p.
- Fotouhi, F., and Kresic, N., 2010, Springwater Treatment, *in* *Groundwater Hydrology of Springs*, Butterworth-Heinemann, Elsevier Inc., p. 269–304, doi:10.1016/B978-1-85617-502-9.00007-4.
- Golden Software., 2023, *Create a Durov Diagram in Grapher*, Diakses pada 06 Agustus 2024, <https://support.goldensoftware.com/hc/en-us/articles/226629687-Create-a-Durov-Diagram-in-Grapher>
- Goldscheider, N., 2010, Delineation of Spring Protection Zones, *in* *Groundwater Hydrology of Springs*, Butterworth-Heinemann, Elsevier Inc., p. 305–338, doi:10.1016/B978-1-85617-502-9.00008-6.
- Guo, Y., Zhang, S., Shou, W., Yiwen, Z., 2023, Using stable isotopes (δH and δO) and hydrochemistry to understand the genesis and hydrochemical processes of groundwater in Chongming Island, Yangtze Estuary, *Environmental Science and Pollution Research*, v. 30 (35), p. 1-14, doi: 10.1007/s11356-023-28401-3
- Handayani, I.N., 2024, *Penentuan Daerah Imbuhan Air Tanah di Lereng Utara Gunung Lawu Dengan Metode Hidrokimia dan Isotop*, Universitas Gadjah Mada.
- Haty, I.P., Dwi, F.Y., Siti, U.C., Armala, P., Elisabet, M., 2021, *Geologi dan Potensi Panas Bumi di Kompleks Vulkanik Dieng*, Lembaga Penelitian dan Pengabdian Kepada Masyarakat UPN “Veteran Yogyakarta”.

- Hendrayana, H., 2013, Hidrogeologi mata air: Yogyakarta, Universitas Gadjah Mada, 8 p.
- Hiscock, K. M. dan Bense, V. F., 2014, Hydrogeology Principles and Practice (Second Edition), New Jersey: John Wiley & Sons Ltd, 519 p.
- Kementerian Agraria dan Tata Ruang., 2024, Peta Rencana Tata Ruang (RTR Online), Diakses pada 11 November 2024, <https://gistaru.atrbpn.go.id/rtronline/>
- Kementerian Pekerjaan Umum dan Perumahan Rakyat., 2023, 14 Juni, Apa Itu Mata Air, Diakses pada 05 Desember 2023, <https://balaiair.tanah.com/publikasi/apa-itu-mata-air/>
- Kharisma, H.L., Budhie, A., and Wilopo, W., 2015, Aplikasi Isotop Alam untuk Mengetahui Asal-Usul Air Umbul Cokro, Kecamatan Tulung, Kabupaten Klaten: Forum Teknik, v. 36, p. 73–80.
- Kresic, N., and Stevanovic, Z., 2010, Groundwater Hydrology of Springs: Burlington USA, Elsevier Inc., 567 p.
- Lloyd, J. A., dan Heathcote, J.A., 1985, Natural inorganic hydrochemistry in relation to groundwater: An introduction, Oxford Uni, Press, New York p: 296.
- Luthfian, A., 2014, Peta Geologi Kawasan Dieng.
- Marshall, C.P., and Fairbridge, R.W., 1999, Encyclopedia of Geochemistry: Dordrecht, The Netherlands, Kluwer Academic, 712 p.
- Mazor, E., 2004, Chemical and Isotopic Groundwater Hydrology: New York, Marcel Dekker, 453 p.
- Mook, W. G., 2000, Environmental Isotop in Hydrological Cycle: Volume I, Groningen: UNESCO-IAEA, p 1-145.
- National Ground Water Association, 2024, Unconfined or Water Table Aquifers. Diakses pada 10 Desember 2023, <https://www.ngwa.org/what-is-groundwater/About-groundwater/unconfined-or-water-table-aquifers>
- Nuha, A., Heru, H., Agus, B.W., Doni, P.E.P., Azwar, S.M., 2020, Determination of Groundwater Recharge Area by Using Hydroisotope Technic of Sei Bingei Area and Surrounding Areas, Langkat Regency, North Sumatra: Journal of Applied Geology, v. 5 (1).
- Peraturan Menteri Pariwisata Republik Indonesia Nomor 16 Tahun 2019 tentang Pedoman Pelaksanaan Teknis Kredit Usaha Rakyat Sektor Pariwisata.
- Peraturan Menteri Energi Sumber Daya Mineral No. 31 Tahun 2018 tentang Pedoman

Penetapan Zona Konservasi Air Tanah.

Peraturan Menteri Energi Sumber Daya Mineral No. 02 Tahun 2017 tentang Cekungan Air Tanah di Indonesia.

Peraturan Menteri Kesehatan Republik Indonesia Nomor 2 Tahun 2017 tentang Peraturan Pelaksanaan Peraturan Pemerintah Nomor 22 Tahun 2014 Tentang Kesehatan Lingkungan.

Peraturan Pemerintah Republik Indonesia Nomor 37 Tahun 2012 tentang Pengelolaan Daerah Aliran Sungai.

Piper, A.M., 1944, A Graphic Procedure in The Geochemical Interpretation of Water-Analyses: American Geophysical Union, p. 914–928, doi:10.1029/TR025i006p00914.

Priatna, Sulaksana, N., Hutabarat, J., Haryanto, I., 2020, The Determination of Volcanic Characteristics Based on Deuterium and Oxygen-18 Isotope Compositions: A Case Study at Dieng Plateau, Central Java: Indonesian Journal on Geoscience, v. 7 (2), p. 201-213, doi:10.17014/ijog.7.2.201-213.

Putro, M.N., and Prayogo, H., 2018, The Distribution and Geochemistry of Arsenic in Groundwater of the Dieng Plateau, Central Java, Indonesia: Indonesian Journal of Geology and Mining, v. 7 (2), p. 201-213, doi:10.17014/ijog.7.2.201-213.

Rushton, K.R., and Ward, C., 1979, The estimation of groundwater recharge: Journal of Hydrology, v. 41, p. 345–361, doi:10.1016/0022-1694(79)90070-2.

Setyowati, D.L., Puji, H., 2009, Fenomena Dataran Tinggi Dieng, Grafindo Litera Media, 0111, 09.

Scanlon, B.R., Healy, R.W., and Cook, P.G., 2002, Choosing appropriate techniques for quantifying groundwater recharge: Hydrogeology Journal, v. 10, p. 18–39, doi:10.1007/s10040-001-0176-2.

Springer, A.E., Stevens, L.E., Anderson, D.E., Parnell, R.A., Kreamer, D.K., Levin, L., and Flora, S.P., 2004, A comprehensive springs classification system: integrating geomorphic, hydrogeochemical and ecological criteria: Arid land springs in North America: ecology and conservation, p. 49–75.

Tantama, E.E., 2022, Penentuan Daerah Imbuhan Air Tanah Dan Sistem Akuifer Di CAT Randublatung Dengan Metode Hidrokimia Dan Isotop, Universitas Gadjah Mada.

Telford, W., Geldart, L., Sheriff, R., 1990, Applied Geophysics, 2nd Edition., Cambridge University Press.

Todd, D.K., and Mays, L.W., 2005, Groundwater Hydrology: Hoboken, John Wiley &

Sons, Inc., 636 p.

Trček, B., and Zojer, H., 2010, Recharge of Springs, *in* Groundwater Hydrology of Springs, Butterworth-Heinemann, Elsevier Inc., p. 87–127, doi:10.1016/B978-1-85617-502-9.00003-7.

Weight, W.D., 2008, Hydrogeology Field Manual: United States of America, McGraw-Hill, 751 p., doi:10.1036/0071477497.

White, N.C. dan Hedenquist, J.W. 1995 Epithermal Gold Deposits: Styles, Characteristics and Exploration. SEG Newsletter, 23, 9-13.

White, W.B., 2010, Springwater Geochemistry, *in* Groundwater Hydrology of Springs, Butterworth-Heinemann, Elsevier Inc., p. 231–268, doi:10.1016/B978-1-85617-502-9.00006-2.

Wicaksono, A.R., Putranto, T.T. and Setyawan, R., 2019, Pemodelan Hidrogeologi Cekungan Airtanah Samarinda-Bontang Segmen Penajam Dalam Upaya Konservasi Airtanah Berbasis Cekungan, Kabupaten Penajam Paser Utara, Provinsi Kalimantan Timur, Jurnal Geosains dan Teknologi, 2(1), pp.13-23.

World Health Organization, 2011, Guidelines for Drinking-water Quality: Geneva, Switserland, World Health Organization, 541 p.

World Health Organization, 2008, Guidelines for Drinking-Water Quality: Geneva, World Health Organization, v. I, 515 p.

Zaenudin, A, 2006, Laporan Pengamatan & Penyelidikan Gunung Dieng, Jawa Tengah., Badan Geologi Departemen Energi dan SDM : Bandung, Indonesia.

Van Zuidam, R.A., 1985, Guide to Geomorphologic Aerial Photographic Interpretation & Mapping: Netherlands, International Institute for Aerial Survey and Earth Sciences (ITC)., 325 p.