

## DAFTAR PUSTAKA

- Appelo, C.A.J., and Postma, D., 1993, Geochemistry, groundwater and pollution: Geochemistry, groundwater and pollution, doi:10.1016/0016-7037(94)90585-1.
- Burke, F., Hamza, S., Naseem, S., Nawaz-ul-Huda, S., Azam, M., and Khan, I., 2016, Impact of Cadmium Polluted Groundwater on Human Health: Winder, Balochistan: SAGE Open, v. 6, doi:10.1177/2158244016634409.
- Chenini, I., Farhat, B., and Ben Mammou, A.B., 2010, Identification of major sources controlling groundwater chemistry from a multilayered aquifer system: Chemical Speciation and Bioavailability, v. 22, p. 183–189, doi:10.3184/095422910X12829228276711.
- Clark, I., 2015, *Groundwater Geochemistry and Isotopes*: v. 53, 421 p.
- EPA, U. (2021, May 03). <https://www.epa.gov/>. Retrieved from National Primary Drinking Water Regulations: <https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations#Organic>
- Fetter, C.W., 2001, *Applied Hydrogeology, 4<sup>th</sup> Edition*: New Jersey, Prentice-Hall, Inc, 598 p.
- Hakim, D., 2009, *Studi Hidrogeologi Dalam Kaitannya Dengan Penambangan Open Pit Emas-Tembaga di Lokasi PT. NNT Batu Hijau, Provinsi Nusa Tenggara Barat*, [Unpublished thesis]: Bandung, Institut Teknologi Bandung
- Heath, R.C., 1987, *Basic Ground-Water Hydrology Prepared in cooperation with the North Carolina Department of Natural Resources and Community Development*: North Carolina, USGS, 84 p.



Hendrayana, H., 2013, *Hidrogeologi Mata Air*, Yogyakarta: Teknik Geologi  
Universitas Gadjah Mada. <https://www.researchgate.net/publication/>

Irawan, D.E., Puradimaja, D.J., Notosiswoyo, S., & Soemintadiredja, P., 2009,  
*Hydrogeochemistry of volcanic hydrogeology based on cluster analysis of Mount Ciremai, West Java, Indonesia*: Journal of Hydrology, v. 376, p. 221–234,  
doi:10.1016/j.jhydrol.2009.07.033.

Johnson, R.A., and Wichern, D.W., 2007, Sample Mean, Covariance and Correlation  
as Matrix Operations: New Jersey, Pearson Prentice Hall, 773 p.

Kumar, A.R., and Riyazuddin, P., 2011, Speciation of selenium in groundwater:  
Seasonal variations and redox transformations: Journal of Hazardous Materials,  
v. 192, p. 263–269, doi:10.1016/j.jhazmat.2011.05.013.

Liu, G., Ma, F., Liu, G., Guo, J., Duan, X., and Gu, H., 2020, *Quantification of water sources in a coastal gold mine through an end-member mixing analysis combining multivariate statistical methods*: Water (Switzerland), v. 12, p. 1–27,  
doi:10.3390/w12020580.

LKFT (Lembaga Kerjasama Fakultas Teknik UGM), 2012, *Kajian Hidrogeologi Komprehensif Daerah Pertambangan Batu Hijau, Kabupaten Sumbawa Barat, Provinsi Nusa Tenggara Barat*. Lombok: PT Newmont Nusa Tenggara

LKFT (Lembaga Kerjasama Fakultas Teknik UGM), 2017, *Kajian Hidrogeologi Komprehensif dan Kajian Air Tanah di Masyarakat di sekitar Daerah Pertambangan Batu Hijau*. Lombok: Amman Mineral.

Machado, I., Bühl, V., and Mañay, N., 2019, Total arsenic and inorganic arsenic speciation in groundwater intended for human consumption in Uruguay:

Correlation with fluoride, iron, manganese and sulfate: Science of the Total Environment, v. 681, p. 497–502, doi:10.1016/j.scitotenv.2019.05.107.

Maity, R., 1977, Statistical methods in hydrology:, doi:10.1201/9780429423116-36.

Mazor, E., 1991, *Applied chemical and isotopic groundwater hydrology 3rd Edition:* New York, Marcel Dekke, Inc, 453 p.

Mukherjee, I., and Singh, U.K., 2020, Fluoride abundance and their release mechanisms in groundwater along with associated human health risks in a geologically heterogeneous semi-arid region of east India: Microchemical Journal, v. 152, p. 104304, doi:10.1016/j.microc.2019.104304.

Pemerintah Indonesia, (2021). *Peraturan Pemerintah Republik Indonesia Nomor 22 Tahun 2021.* Jakarta: Pemerintah Republik Indonesia.

Pemerintah Indonesia, (2012). *Peraturan Pemerintah Republik Indonesia Nomor 32 Tahun 2012.* Jakarta: Pemerintah Republik Indonesia.

Popugaeva, D., 2019, Analysis and Control of Aluminum Concentration in Groundwater: Mathematical Modelling and Laboratory Study (Doctoral thesis):, <https://ir.lib.uwo.ca/etd/6036/>.

PPRC (*Pollution Prevention Research Senter*), 2010, Cadmium: Human Exposure and Potential Effects: Pacific Northwest Pollution Prevention Resource Center, p. 1–10.

Putra, D. P. E. (2007). The Impact of urbanization on groundwater quality: A case study in Yogyakarta City-Indonesia. Lehrstuhl für Ingenieurgeologie und Hydrogeologie der RWTH Aachen.

Putranto, T.T., and Rüde, T.R., 2016, Hydrogeological model of an urban city in a coastal area, case study: Semarang, Indonesia: Indonesian Journal on Geoscience, v. 3, p. 17–27, doi:10.17014/ijog.3.1.17-27.

Remy, L.L., Clay, T., and Oliva, G., 2005, Do We Have a Linear Trend ? Health (San Francisco),,

Sibarani, L., 2013, *Kajian Pembentukan Air Asam Tambang Melalui Uji Pelindian Kolom di Tambang Batu Hijau PT Newmont Nusa Tenggara*, [Unpublished Thesis]: Bandung, Institut Teknologi Bandung

Soewarno, 1995, *Hidrologi: Aplikasi Metode Statistik untuk Analisis Data*: Bandung, Nova, 271 p.

Sudradjat, A., Mangga, S. A., & Suwarna, N., 1998, *Peta Geologi Lembar Sumbawa, Nusa Tenggara*. Bandung: Pusat Penelitian dan Pengembangan Geologi.

Todd, D.K., and Mays, L.W., 2005, *Groundwater hydrology 3th Edition*: New York, John Wiley & Sons, Inc, 635 p.

USGS, 2009, Chloride in Groundwater and Surface Water in Areas Underlain by the Glacial Aquifer System , Northern United States Scientific Investigations Report 2009 – 5086: Water, p. 41.

Venable, F.P., 1884, Zinc in drinking water: Journal of the American Chemical Society, v. 6, p. 214–216, doi:10.1021/ja02131a016.

Weiss, F.T., Leuzinger, M., Zurbrügg, C., and Eggen, R.I.L., 2016, Chapter 4: Mining Industry Pollutants: Chemical Pollution in Low and middle Income Countries, p. 67–101,  
[https://www.eawag.ch/fileadmin/Domain1/Abteilungen/sandec/publikationen/Chemical\\_Pollution/ChemPoll-LAMICS\\_Chapter4.pdf](https://www.eawag.ch/fileadmin/Domain1/Abteilungen/sandec/publikationen/Chemical_Pollution/ChemPoll-LAMICS_Chapter4.pdf).



Younger, P.L., Banwart, S.A., and Hedin, R.S., 2003, Mine Water: New York, Kluwer Academic Publishers, v. 32, 739 p.

World Health Organisation (WHO)., 2009, Aluminium in Drinking-water Background: Guidelines for drinking-water quality, v. 2, p. 29, <http://www.who.int/es/>.