

DAFTAR PUSTAKA

- Adriano D.C. (2001). *Trace Elements in Terrestrial Environments 2nd edition*, Springer-Verlag, Heidelberg, Germany.
- Amini, M., Mueller, K., Abbaspour, K. C., Rosenberg, T., Afyuni, M., Møller, K. N., Sarr, M., Johnson, C. A. (2008). Statistical modeling of global geogenic fluoride contamination in groundwaters. *Environmental Science and Technology*, 42(10), 3662-3668.
- Apambire, W. M., Boyle, D. R., dan Michel, F. A. (1997). Geochemistry, genesis, and health implications of fluoriferous groundwater in the upper regions of Ghana. *Environmental Geology*, 35(1), 13-24.
- Asikin, S., Handoyo, A., Busono, H., dan Gafoer, S. (1992). *Peta Geologi Lembar Kebumen, Jawa, Skala 1:100.000*. Pusat Riset dan Pengembangan Geologi, Indonesia.
- Ayoob, S., dan Gupta, A. K. (2006). Fluoride in drinking water: A review on the status and stress effects. *Critical Reviews in Environmental Science and Technology*, 36, 433-487.
- Brindha, K. dan Elango, L. (2011) Fluoride in Groundwater: Causes, Implications and Mitigation Measures. In: *Monroy, S.D. (Ed.), Fluoride Properties, Applications and Environmental Management*, 111-136.
- Brouwer, I. D., De Bruin, A., Dirks, O. B., & Hautvast, J. G. A. J. (1988). Unsuitability Of World Health Organisation Guidelines For Fluoride Concentrations In Drinking Water In Senegal. *Public Health*, 223-225.
- Chae, G. T., Yun, S. T., Mayer, B., Kim, K. H., Kim, S. Y., Kwon, J. S., Kim, K., dan Koh, Y. K. (2007). Fluorine geochemistry in bedrock groundwater of South Korea. *Science of the Total Environment*, 385, 272-283.
- Delft Hydraulic dan DHV Consultant BV. (1999). *Major Ions in Water*. Hydrology Project Technical Assistant. New Delhi, India.
- Dissanayake, C. dan Chandrajith, R. (2009). Medical Geology of Fluoride. In *Introduction to Medical Geology* (pp. 59-97).
- Effendi, A. T. (1985). *Peta Hidrogeologi Indonesia 1:250.000 Lembar IV: Pekalongan (Jawa)*. Direktorat Geologi Tata Lingkungan. Bandung.
- Fawell, J., Bailey, K., Chilton, J., Dahi, E., Fewtrell, L., dan Magara, Y. (2006). *Fluoride in Drinking Water*. World Health Organization (WHO).
- Feenstra, L., Vasak, L., dan Griffioen, J. (2007). Fluoride in groundwater: Overview and evaluation of removal Methods. *International Groundwater Resources Assessment Centre Report nr. SP 2007-1*, 1- 21.
- Frencken, J. E. (1992). *Endemic Fluorosis in Developing Countries*. Netherland: NIPG-TNO.

Funmilayo, A.-S. M., dan Mojirade, A. D. (2014). Dental Fluorosis and its Indices, what's new? *IOSR Journal of Dental and Medical Sciences Ver. III, 13(7)*, 55–60.

Gibbs, R. J. (1970). *Mechanism controlling world's water chemistry*. Science 170:1088–1090

Harsolumakso, A. H., Sapiie, B., Tuaika, M. Z. dan Yudha, R. I. (2016). *Luk Ulo Melange Complex, Central Java, Indonesia; Characteristics, Origin, and Tectonic Significance*. 13th Annual Meeting Asia Oceania Geosciences Society, Beijing.

Harsolumakso, A.H. dan Noeradi, D. (1996). Deformasi pada Formasi Karangsembung, di daerah Luk Ulo, Kebumen, Jawa Tengah. *BULETIN GEOLOGI, Vol. 26, No.1*.

Harsolumakso, A. H., Suparka M. E., Zaim Y, Magetsari N. A, Kapid R, Noeradi D., dan Abdullah, C. I. (1995). Karakteristik Satuan Melange dan Olistostrom di daerah Karangsembung, ' Jawa Tengah: suatu tinjauan ulang. *Prosiding Hasil Penelitian Puslitbang Geoteknologi LIPI* (ed. Y Kumoro., A M. Riyanto, dan E. Z. Gaffar), 190-215.

Heikens, A., Sumarti, S., Van Bergen, M., Widianarko, B., Fokkert, L., Van Leeuwen, K., dan Seinen, W. (2005). The impact of the hyperacid Ijen Crater Lake: Risks of excess fluoride to human health. *Science of the Total Environment, 346(1–3)*, 56–69

Indonesia-A Visual Overview. Diakses pada 20 Februari 2018. http://www.appsolutelydigital.com/Indonesia/section_3_5_1_1.html

Kapid, R. dan Harsolumakso, A. H. (1996) Studi fosil nanoplankton pada Formasi Karangsembung dan Totogan. *Buletin Geologi 26*, 13-43.

Ketner, K.B., Kastowo, Subroto dkk., (1976). Pre-Eocene rocks of Java, Indonesia, *US Geol. Survey Journal of Research 4*, 605- 614.

Kloos, H., dan Tekle, R. (1999). Distribution of fluoride and fluorosis in Ethiopia and prospects for control. *Tropical Medicine and International Health, 4(5)*, 355–364

Liteplo, R., Gomes, R., Howe, P., dan Malcolm, H. (2002). Fluorides (WHO Report). *World Health Organization, 262*.

Mazor, E., (2004), *Chemical and Isotopic Groundwater Hydrology*, Marcel Dekker, Inc., New York. Lewis Publishers, London.

Panitia Ad Hoc Intrusi Air Asin Jakarta (PAHIAA Jakarta). (1986). *Klasifikasi Keasinan Perairan*. Jakarta

Perel'man AI. (1977). *Geochemistry of elements in supergene zone*. Keter Pub. House, Jerusalem

Rao, S. N. (2017). Controlling factors of fluoride in groundwater in a part of South India. *Arabian Journal of Geosciences Volume 10*.

Reimann, C., Bjorvatn, K., Frengstad, B., Melaku, Z., Tekle, R., dan Siewers, U.

- (2003). Drinking water quality in the Ethiopian section of the East African Rift Valley I--data and health aspects. *The Science of the Total Environment*, 311(1-3), 65-80.
- Reddy, A. G. S., Reddy, D. V., Rao, P. N., dan Prasad, K. M. (2010). Hydrogeochemical characterization of fluoride rich groundwater of Wailapalli watershed, Nalgonda district, Andhra Pradesh, India. *Environmental Monitoring and Assessment*, 171, 561-577
- Selinus, O., Alloway, B., Centeno, J. A., Finkelman, R. B., Fuge, R., Lindh, U., & Smedley, P. (2013). *Essentials of medical geology: Revised edition. Essentials of Medical Geology: Revised Edition*. Springer.
- Selinus, O., Finkelman, R. B., dan Centeno, J. A. (2010). *Medical Geology: a regional synthesis*. Springer, Washington DC.
- Setiawan, N. I., Yuwono, S. dan Sucipta, E. (2011). Genesis Batuan Vulkanik Tersier Dakah di Karangsembung, Kebumen, Jawa Tengah. *Majalah Geologi Indonesia*, Vol. 26 No. 1.
- Tebutt, T. H. Y. (1983). *Relationship between natural water quality and health*. United Nations Educational, Scientific and Cultural Organization, Paris
- Van Bemmelen, R. W. (1949). *The Geology of Indonesia*. General Geology of Indonesia and Adjacent Archipelagoes.
- Vithanage, M., dan Bhattacharya, P. (2015). Fluoride in Drinking Water: Health Effects and Remediation. In *CO2 Sequestration, Biofuels and Depollution* (Vol. 5, pp. 233-274). Springer International Publishing Switzerland.
- Vanhnavong, K. (2016). *Assessment of Fluoride Concentration in Groundwater of Sleman Regency, Special Region of Yogyakarta, Indonesia*. Thesis. Geological Engineering Department, Faculty of Engineering, Universitas Gadjah Mada.
- Weinstein, L. H., dan Davison, A. (2003). *Fluoride in the Environment*, CABI Publishing.
- Whitney, D. L. dan Evans, B. W. (2010). Abbreviations for names of rock-forming minerals. *American Mineralogist*, Volume 95, pages 185-187.
- WHO. (1984). Guidelines for Drinking Water Quality. In: *Health Criteria and Other Supporting Information*, second ed., vol. 2. World Health Organization, Geneva.
- WHO. (2011). *Guidelines for Drinking-water Quality. 4th Edition. WHO chronicle* (Vol. 38). Geneva
- Wodeyar, B. K. dan Sreenivasan, G., (1996). Occurrence of fluoride in the groundwater and its impact in Peddavankahalla Basin, Bellary District Kamataka — a preliminary study. *Current Science*, 70 , pp. 71-74.
- Qian, J., Susheela, A.K., Mudgal, A., dan Keast, Greg. (1999). Fluoride in water: An overview. *WATERfront*, (13), pp.11-13



UNIVERSITAS
GADJAH MADA

IDENTIFIKASI KEHADIRAN MINERAL PEMBAWA FLUORIDA DAN HUBUNGANNYA DENGAN KONSENTRASI FLUORIDA PADA AIR TANAH DI DAERAH KARANGSAMBUNG DAN SEKITARNYA, KABUPATEN KEBUMEN DAN WONOSOBO, PROVINSI JAWA TENGAH

RINI FAHMITA, Dr. Agung Harijoko, S.T., M.Eng; Nugroho Imam Setiawan, S.T., M.T., Ph.D.

Universitas Gadjah Mada, 2018 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Zhu, L., H.H. Zhang, B. Xia, dan D.R. Xu. (2006). Total fluoride in Guangdong soil profiles, China: spatial distribution and vertical variation. *Environmental International*, 33 (2007), pp. 302-308.