

DAFTAR PUSTAKA

- Australian and New Zealand Environment and Conservation Council (ANZECC), (2000) ANZECC interim sediment quality guidelines. Report for the Environmental Research Institute of the Supervising Scientist, Sydney, Australia
- Azhari, A. S., Agustine, E., & Fitriani, D. (2017). Identifikasi Tingkat Pencemaran Pada Lahan Pertanian Menggunakan Metode Kemagnetan Batuan. In PROSIDING SEMINAR NASIONAL FISIKA (E-JOURNAL) (Vol. 6, pp. SNF2017-ERE).
- Adekola, F. A., & Eletta, O. A. A. (2007). A study of heavy metal pollution of Asa River, Ilorin. Nigeria; trace metal monitoring and geochemistry. *Environmental Monitoring and Assessment*, 125(1), 157-163.
- Ayoubi, S., Abazari, P., & Zeraatpisheh, M. (2018). Soil great groups discrimination using magnetic susceptibility technique in a semi-arid region, central Iran. *Arabian Journal of Geosciences*, 11(20), 1-12.
- Ayoubi, S., Adman, V., & Yousefifard, M. (2019). Use of magnetic susceptibility to assess metals concentration in soils developed on a range of parent materials. *Ecotoxicology and environmental safety*, 168, 138-145.
- Barbieri, M. J. J. G. G. (2016). The importance of enrichment factor (EF) and geoaccumulation index (I_{geo}) to evaluate the soil contamination. *J Geol Geophys*, 5(1), 1-4.
- Bijaksana, S., & Huliselan, E. K. (2010). Magnetic properties and heavy metal content of sanitary leachate sludge in two landfill sites near Bandung, Indonesia. *Environmental Earth Sciences*, 60(2), 409-419.
- Burton Jr, G. A. (2002). Sediment quality criteria in use around the world. *Limnology*, 3(2), 65-76.
- Chabukdhara, M., & Nema, A. K. (2012). Assessment of heavy metal contamination in Hindon River sediments: a chemometric and geochemical approach. *Chemosphere*, 87(8), 945-953.
- Chakarvorty, M., Dwivedi, A. K., Shukla, A. D., Kumar, S., Niyogi, A., Usmani, M., & Pati, J. K. (2015). Geochemistry and magnetic measurements of suspended sediment in urban sewage water vis-à-vis quantification of heavy metal pollution in Ganga and Yamuna Rivers, India. *Environmental Monitoring and Assessment*, 187(9), 1-17.
- Chaparro, M. A., Chaparro, M. A., Córdoba, F. E., Lecomte, K. L., Gargiulo, J. D., Barrios, A. M., ... & Böhnel, H. N. (2017). Sedimentary analysis and magnetic properties of Lake Anónima, Vega Island. *Antarctic Science*, 29(5), 429-444.
- Dankoub, Z., Ayoubi, S., Khademi, H., & Sheng-Gao, L. U. (2012). Spatial distribution of magnetic properties and selected heavy metals in calcareous soils as affected by land use in the Isfahan region, Central Iran. *Pedosphere*, 22(1), 33-47.

- Dearing, J. (1999). Environmental magnetic susceptibility using the Bartington MS2 system. Bartington Instruments Ltd. *British Library London*.
- Désirée, N. T. S., Zacharie, E. B. A., Brice, T. K., Ange, W. K. S., Jacques, E., & Paul, B. (2021). Heavy metal contamination and ecological risk assessment of overlying water and sediments of Nkozoa Lake (Southern Cameroon). *Annual Research & Review in Biology*, 92-109.
- El-Sayed, H. A., Farag, A. B., Kandeel, A. M., Younes, A. A., & Yousef, M. M. (2018). Characteristics of the marble processing powder waste at Shaq El-Thoaban industrial area, Egypt, and its suitability for cement manufacture. *HBRC journal*, 14(2), 171-179.
- Fitriani, D., Utami, W., Kirana, K. H., Agustine, E., & Zulaikah, S. (2021). Magnetic Signatures on River Sediments and Agricultural Soils as Proxy Indicators of Anthropogenic-derived Pollution Case Study: Cikijing River, Rancaekek, West Java. *Jurnal Penelitian Pendidikan IPA*, 7(3), 381-387.
- Franke, C., von Dobeneck, T., Drury, M. R., Meeldijk, J. D., & Dekkers, M. J. (2007). Magnetic petrology of equatorial Atlantic sediments: Electron microscopy results and their implications for environmental magnetic interpretation. *Paleoceanography*, 22(4).
- Gehring, A. U., Fischer, H., Louvel, M., Kunze, K., & Weidler, P. G. (2009). High temperature stability of natural maghemite: a magnetic and spectroscopic study. *Geophysical Journal International*, 179(3), 1361-1371.
- Goher, M. E., Farhat, H. I., Abdo, M. H., & Salem, S. G. (2014). Metal pollution assessment in the surface sediment of Lake Nasser, Egypt. *The Egyptian Journal of Aquatic Research*, 40(3), 213-224.
- Guven, D. E., & Akinci, G. (2013). Effect of sediment size on bioleaching of heavy metals from contaminated sediments of Izmir Inner Bay. *Journal of Environmental Sciences*, 25(9), 1784-1794.
- Hakanson, L. (1980). An ecological risk index for aquatic pollution control. A sedimentological approach. *Water research*, 14(8), 975-1001.
- Herbatani, 2021. *5 Cara Membuat Pelet Ikan dengan Mudah, Pusat Informasi Tanaman Obat, Kesehatan dan Pertanian*. Available at: <https://herbatani.com/5-cara-membuat-pelet-ikan-dengan-mudah/> (Accessed: 24 June 2022).
- Iswanto, B. H., Pratiwi, I., & Zulaikah, S. (2020, August). Identification of environments based on magnetic susceptibility and geochemical data using multivariate statistical analysis. In *AIP Conference Proceedings* (Vol. 2251, No. 1, p. 040005). AIP Publishing LLC.
- Khiri, M. Z. A., Matori, K. A., Zainuddin, N., Abdullah, C. A. C., Alassan, Z. N., Baharuddin, N. F., & Zaid, M. H. M. (2016). The usability of ark clam shell (*Anadara granosa*) as calcium precursor to produce hydroxyapatite nanoparticle via wet chemical precipitate method in various sintering temperature. *SpringerPlus*, 5(1), 1-15.
- Kirana, K. H., Apriliawardani, J., Ariza, D., Fitriani, D., Agustine, E., Bijaksana, S., ... & Nugraha, M. G. (2021). Frequency Dependent Magnetic Susceptibility in Topsoil of Bandung City, Indonesia. In *IOP Conference*

- Series: Earth and Environmental Science* (Vol. 873, No. 1, p. 012016). IOP Publishing.
- Lu, S. G., Bai, S. Q., & Xue, Q. F. (2007). Magnetic properties as indicators of heavy metals pollution in urban topsoils: a case study from the city of Luoyang, China. *Geophysical Journal International*, 171(2), 568-580,
- Madhulekha, S. A., & Agarwal, S. (2017). Study of Correlation Coefficient for Physico-chemical parameter to assess the water quality of river Ganga at Kanpur, India. *International Journal of Innovative Research in Science, Engineering and Technology*, 6(8), 1-6.
- Mariyanto, M., Amir, M. F., Utama, W., Bijaksana, S., Pratama, A., Yunginger, R., & Sudarningsih, S. (2019). Heavy metal contents and magnetic properties of surface sediments in volcanic and tropical environment from Brantas River, Jawa Timur Province, Indonesia. *Science of The Total Environment*, 675, 632-641.
- Miao, X., Hao, Y., Liu, H., Xie, Z., Miao, D., & He, X. (2021). Effects of heavy metals speciations in sediments on their bioaccumulation in wild fish in rivers in Liuzhou—A typical karst catchment in southwest China. *Ecotoxicology and Environmental Safety*, 214, 112099.
- Moskowitz, B. M. (1991). Hitchhiker's guide to magnetism. In *Environmental Magnetism Workshop (IRM)* (Vol. 279, No. 1, p. 48). Univ. of Minn., Minneapolis, Minn: Inst. for Rock Magnetism.
- Müller G., 1969, Index of geoaccumulation in sediments of the Rhine River. *Geojournal* 2:108–18.
- Noval, V. E., & Carriazo, J. G. (2019). Fe₃O₄-TiO₂ and Fe₃O₄-SiO₂ core-shell powders synthesized from industrially processed magnetite (Fe₃O₄) microparticles. *Materials Research*, 22.
- Nurqolbi, Y. P., & Hindersah, H. (2019). Kajian Pelestarian Kawasan Pariwisata Situ Ciburuy. Prosiding Perencanaan Wilayah Dan Kota, 0(0), 91–99
- Pandey. M.. Pandey. A. K.. Mishra. A.. & Tripathi. B. D. (2015). Assessment of metal species in river Ganga sediment at Varanasi. India using sequential extraction procedure and SEM–EDS. *Chemosphere*. 134. 466-474.
- Rahman, M. S., Saha, N., & Molla, A. H. (2014). Potential ecological risk assessment of heavy metal contamination in sediment and water body around Dhaka export processing zone, Bangladesh. *Environmental earth sciences*, 71(5), 2293-2308.
- Ramasamy, V., Senthil, S., Paramasivam, K., & Suresh, G. (2022). Potential toxicity of heavy metals in beach and intertidal sediments: A comparative study. *Acta Ecologica Sinica*, 42(2), 57-67.
- Redwan, M., & Elhaddad, E. (2022). Heavy metal pollution in Manzala Lake sediments, Egypt: sources, variability, and assessment. *Environmental Monitoring and Assessment*, 194(6), 1-16.
- Robertson, D. J., Taylor, K. G., & Hoon, S. R. (2003). Geochemical and mineral magnetic characterisation of urban sediment particulates, Manchester, UK. *Applied geochemistry*, 18(2), 269-282.

- Rusydi, A. F. (2018). Correlation between conductivity and *Total Dissolved Solid* in various type of water: A review. In *IOP conference series: earth and environmental science* (Vol. 118, No. 1, p. 012019). IOP Publishing.
- Schmidt, A., Yarnold, R., Hill, M. & Ashmore, M., 2005. Magnetic susceptibility as proxy for heavy metal pollution: a site study, *J. Geochem. Explor.*, 85, 109–117.
- Skorbiłowicz, E., Rogowska, W., Skorbiłowicz, M., & Ofman, P. (2022). Spatial Variability of Metals in Coastal Sediments of Ełckie Lake (Poland). *Minerals*, 12(2), 173.
- Solomon, J. S., Ahmed, A. L., Adamu, I. H., & Dimu, O. O. (2017). Identifying anthropogenic metallic pollutants using frequency dependent magnetic susceptibility measurements in Abuja Metropolis. *Currents Trends In Natural Sciences*, 6(11), 13-22.
- Spiteri, C., Kalinski, V., Rosler, W., Hoffmann, V., Appel, E. & MAGPROX team, 2005. Magnetic screening of a pollution hotspot in the Lausitz area, Eastern Germany: correlation analysis between magnetic proxies and heavy metal contamination in soils, *Environ. Geol.*, 49, 1–9.
- Su, Y., Gao, X., Liu, Q., Hu, P., Duan, Z., Jiang, Z., ... & Haberzettl, T. (2013). Mechanism of variations in environmental magnetic proxies of lake sediments from Nam Co, Tibet during the Holocene. *Chinese Science Bulletin*, 58(13), 1568-1578.
- Sudarningsih, S., Bijaksana, S., Ramdani, R., Hafidz, A., Pratama, A., Widodo, W., ... & Agus Santoso, N. (2017). Variations in the concentration of magnetic minerals and heavy metals in suspended sediments from Citarum river and its tributaries, West Java, Indonesia. *Geosciences*, 7(3), 66.
- Sudjatmiko. (1972). Peta Geologi Regional lembar Cianjur, Jawa. *Pusat Penelitian Dan Pengembangan Geologi*, 1.
- Supriyatna, A., Ramdani, R. R., & Suhendar, D. S. (2013). Korelasi Kandungan Besi Terlarut Terhadap Kelimpahan Phytoconis Sp. Pada Perairan Situ Ciburuy Kabupaten Bandung Barat. *JURNAL ISTEK*, 7(1).
- Suraedi dan Maming (2018). Heavy Metal Analysos Ni, Cr, and Zn On Sediment Of Mamuju District Using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES). 19(1), 20–27.
- Tamuntuan, G., Bijaksana, S., Gaffar, E., Russell, J., Safiuddin, L. O., & Huliselan, E. (2010). The magnetic properties of Indonesian Lake Sediment: A case study of a tectonic lake in South Sulawesi and maar lakes in East Java. *ITB Journal of Science A*, 42, 31-48.
- Tamuntuan, G., Bijaksana, S., King, J., Russell, J., Fauzi, U., Maryunani, K., & Aufa, N. (2015). Variation of magnetic properties in sediments from Lake Towuti, Indonesia, and its paleoclimatic significance. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 420, 163-172.
- Tomlinson, D. L., Wilson, J. G., Harris, C. R., & Jeffrey, D. W. (1980). Problems in the assessment of heavy-metal levels in estuaries and the formation of a pollution index. *Helgoländer meeresuntersuchungen*, 33(1), 566-575.
- Usero, J., Izquierdo, C., Morillo, J., & Gracia, I. (2004). Heavy metals in fish (*Solea vulgaris*, *Anguilla anguilla* and *Liza aurata*) from salt marshes on the

- southern Atlantic coast of Spain. *Environment international*, 29(7), 949-956.
- Vrhovnik, P., Šmuc, N. R., Dolenc, T., Serafimovski, T., & Dolenc, M. (2013). An evaluation of trace metal distribution and environmental risk in sediments from the Lake Kalimanci (FYR Macedonia). *Environmental Earth Sciences*, 70(2), 761-775.
- Wedepohl, K. H. (1971). Environmental influences on the chemical composition of shales and clays. *Physics and Chemistry of the Earth*, 8, 307-333.
- WHO. (2008) Guidelines for Drinking-water Quality, 3rd ed., 1, WHO Library Cataloguing, pp. 1-515,
- Xu, L.; Cui, H.; Zheng, X.; Zhou, J.; Zhang, W.; Liang, J.; Zhou, J. Changes in the heavy metal distributions in whole soil and aggregates affected by the application of alkaline materials and phytoremediation. *RSC Adv.* 2017, 7, 41033–41042
- Yang, T., Liu, Q., Zeng, Q., & Chan, L. (2009). Environmental magnetic responses of urbanization processes: evidence from lake sediments in East Lake, Wuhan, China. *Geophysical Journal International*, 179(2), 873-886.
- Yuan, J., Cao, G., Chongyi, E., Yuan, Y., Wu, C., Yu, M., & Yang, R. (2017). Characteristics of loess magnetic susceptibility and its influencing factors analysis in Hebei Country. In *IOP Conference Series: Earth and Environmental Science* (Vol. 94, No. 1, p. 012114). IOP Publishing.
- Yuan, Z., Luo, T., Liu, X., Hua, H., Zhuang, Y., Zhang, X., ... & Ren, J. (2019). Tracing anthropogenic cadmium emissions: from sources to pollution. *Science of the total environment*, 676, 87-96.
- Yunginger, R., Bijaksana, S., Dahrin, D., Zulaikah, S., Hafidz, A., Kirana, K. H., ... & Fajar, S. J. (2018). Lithogenic and anthropogenic components in surface sediments from lake limboto as shown by magnetic mineral characteristics, trace metals, and REE geochemistry. *Geosciences*, 8(4), 116.
- Zhang, C., Qiao, Q., Appel, E., & Huang, B. (2012). Discriminating sources of anthropogenic heavy metals in urban street dusts using magnetic and chemical methods. *Journal of Geochemical Exploration*, 119, 60-75.