

DAFTAR PUSTAKA

- Adhani, R. & Husaini. (2017). *Logam Berat Sekiat Manusia*. Banjarmasin:Lambung Mangkurat University Press.
- Agustianingsih, D., Sasongko, S. B. & Sudarno. (2012). Analisis Kualitas Air dan Strategi Pengendalian Pencemaran Air Sungai Blukar Kabupaten Kendal. *Jurnal Presipitasi*, 9(2), 64-71.
<https://doi.org/10.14710/presipitasi.v9i2.64-71>
- Allaby, M. (2007). *Encyclopedia of Weather and Climate*. Revised Edition. New York: Facts On File.
- Amriarni, A., Hendarto, B. & Hadiyanto, A. (2011). Bioakumulasi Logam Berat Timbal (Pb) dan Seng (Zn) pada Kerang Darah (*Anadara Granosa L.*) dan Kerang Bakau (*Polymesoda Bengalensis L.*) di perairan Teluk Kendari. *Jurnal Ilmu Lingkungan Undip*, 9(2), 45-5.
<https://doi.org/10.14710/jil.9.2.45-50>
- Appenroth, K. J. (2010). Definition of “Heavy Metals” and Their Role in Biological Systems. In I. Sherameti, & A. Varma, *Soil heavy metals*, 19-29.
http://dx.doi.org/10.1007/978-3-642-02436-8_2
- Ariandi, D., Mubarak, & Rifardi. (2010). Analisis Karakteristik Sedimen di Muara Sungai Indragiri. *Ilmu Perairan (Aquatic Science)*, 8(1), 1-13.
<http://dx.doi.org/10.31258/jipas.8.1.p.1-13>
- Aryana, I. K., Mahendra, M. S. & Mahardika, I. G. (2010). Analisis Kualitas Air dan Lingkungan Fisik pada Perlindungan Mata Air di Kerja Puskesmas Tabanan I, Kabupaten Tabanan. *Ecotrophic*, 5(2), 378096.
- Asdak, C. (2022). *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: UGM Press.
- Ashari, A., Wardoyo, M. A. I., Jamaludin, S., Kharisma, K. & Rosa, A. F. (2021). Potensi Air Sungai Di Sebagian Bentuklahan Kaki Vulkan Merapi Pada Mangsa Karo Tahun 2020. *JURNAL GEOGRAFI Geografi dan Pengajarannya*, 19(1), 35-48. <https://doi.org/10.26740/jggp.v19n1.p35-48>
- Badan Pusat Statistik. (2022). *Kecamatan Kotagede Dalam Angka 2021*. Yogyakarta: Badan Pusat Statistik Daerah Istimewa Yogyakarta.
- Badan Pusat Statistik. (2021). *Yogyakarta Dalam Angka 2020*. Yogyakarta: Badan Pusat Statistik Daerah Istimewa Yogyakarta.
- Belladona, M., Nasir, N. & Agustomi, E. (2020). Perancangan Instalasi Pengolah Air Limbah (IPAL) Industri Batik Besurek di Kota Bengkulu. *Jurnal Teknologi*, 12(1), 1-8. <https://doi.org/10.24853/jurtek.12.1.1-8>
- Buccolieri, A., Buccolieri, G., Cardellicchio, N., Dell'Atti, A., Di Leo, A. & Maci,

- A. (2006). Heavy Metals in Marine Sediments of Taranto Gulf (Ionian Sea, Southern Italy). *Marine chemistry*, 99(1-4), 227-235. <https://doi.org/10.1016/j.marchem.2005.09.009>
- Butterman, W. C. & Hilliard, H. E. (2004). Mineral Commodity Profiles: Silver. *US Geological Survey Open-File Report*, 1251, 40.
- Boyd, C. E. (2019). *Water Quality: An Introduction*. New London: Springer Nature.
- Bozdağ, A., Bayram, A. F., İnce, İ. & Asan, K. (2016). The Relationship between Weathering and Welding Degree of Pyroclastic Rocks in The Kilistra Ancient City, Konya (Central Anatolia, Turkey). *Journal of African Earth Sciences*, 123, 1-9. <https://doi.org/10.1016/j.jafrearsci.2016.07.001>
- Causapé, J., Orellana-Macías, J. M., Valero-Garcés, B. & Vázquez, I. (2021). Influence of Hail Suppression Systems Over Silver Content in The Environment in Aragón (Spain). II: Water, Sediments And Biota. *Science of The Total Environment*, 779, 146403. <https://doi.org/10.1016/j.scitotenv.2021.146403>
- Çevik, F., Göksu, M. Z., Derici, O. B. & Fındık, Ö. Ç. (2009). An Assessment of Metal Pollution in Surface Sediments of Seyhan Dam by Using Enrichment. *Environmental monitoring and assessment*, 152(1), 309-317. <https://doi.org/10.1007/s10661-008-0317-3>
- Chen, F. W. & Liu, C. W. (2012). Estimation of The Spatial Rainfall Distribution Using Inverse Distance Weighting (IDW) in The Middle of Taiwan. *Paddy and Water Environment*, 10, 209-222. <http://dx.doi.org/10.1007/s10333-012-0319-1>
- Chigira, M., Nakamoto, M. & Nakata, E. (2002). Weathering Mechanisms and Their Effects on The Landsliding of Ignimbrite Subject to Vapor-Phase Crystallization in The Shirakawa Pyroclastic Flow, Northern Japan. *Engineering Geology*, 66(1-2), 111-125. [https://doi.org/10.1016/S0013-7952\(02\)00035-2](https://doi.org/10.1016/S0013-7952(02)00035-2)
- Cohen, J. P. & Paul, C. J. M. (2005). Agglomeration Economies and Industry Location Decisions: The Impacts of Spatial and Industrial Spillovers. *Regional science and urban economics*, 35(3), 215-237. <http://dx.doi.org/10.1016/j.regsciurbeco.2004.04.005>
- Daliman, A. (2000). Peranan Industri Seni Kerajinan Perak di Daerah Istimewa Yogyakarta Sebagai Pendukung Pariwisata Budaya. *Humaniora*, 12(2), 170-180. <https://doi.org/10.22146/jh.687>
- Darmono. (2001). *Lingkungan Hidup dan Pencemaran- Hubungannya dengan Toksikologi Senyawa Logam*. Jakarta: UI Press.
- Deycard, V. N., Schäfer, J., Petit, J. C., Coynel, A., Lancelleur, L., Dutruch, L., Bossy, C., Ventura, A. & Blanc, G. (2017). Inputs, Dynamics and Potential

Impacts of Silver (Ag) from Urban Wastewater to A Highly Turbid Estuary (SW France). *Chemosphere*, 167, 501-511.
<https://doi.org/10.1016/j.chemosphere.2016.09.154>

Deycard, V. N., Schäfer, J., Blanc, G., Coynel, A., Petit, J. C., Lanceleur, L., Dutruch, L., Bossy, C. & Ventura, A. (2014). Contributions and Potential Impacts of Seven Priority Substances (As, Cd, Cu, Cr, Ni, Pb, And Zn) to A Major European Estuary (Gironde Estuary, France) from Urban Wastewater. *Marine Chemistry*, 167, 123-134.
<https://doi.org/10.1016/j.marchem.2014.05.005>

Effendi, H. (2003). *Telaah Kualitas Air: Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan*. Yogyakarta: Penerbit Kanisius.

El Nemr, A. M., El Sikaily, A. & Khaled, A. (2007). Total and Leachable Heavy Metals in Muddy and Sandy Sediments of Egyptian Coast Along Mediterranean Sea. *Environmental monitoring and assessment*, 129(1), 151-168. <http://dx.doi.org/10.1007/s10661-006-9349-8>

Elvania, N. C. (2022). *Manajemen dan Pengelolaan Limbah*. Bandung: Penerbit Widina Bhakti Persada Bandung.

Fadlillah, L. N., Indrastuti, A. N., Azahra, A. F. & Widyastuti, M. (2022). Evaluasi Level Toksik Logam Berat pada Air, Sedimen Tersuspensi, dan Sedimen Dasar di Sungai Winongo, DI Yogyakarta. *Jurnal Ilmu Lingkungan*, 20(1), 30-36. <https://doi.org/10.14710/jil.20.1.30-36>

Fan, M. & Shibata, H. (2014). Spatial and Temporal Analysis of Hydrological Provision Ecosystem Services for Watershed Conservation Planning of Water Resources. *Water resources management*, 28, 3619-3636.
<https://doi.org/10.1007/s11269-014-0691-2>

Fatikawati, Y. N., & Muktiali, M. (2015). Pengaruh Keberadaan Industri Gula Blora Terhadap Perubahan Penggunaan Lahan, Sosial Ekonomi dan Lingkungan di Desa Tinapan dan Desa Kedungwungu. *Teknik PWK (Perencanaan Wilayah Kota)*, 4(3), 345-360. <https://doi.org/10.14710/tpwk.2015.9084>

Fiantis, D., Nelson, M., Van Ranst, E., Shamshuddin, J., & Qafoku, N. P. (2009). Chemical Weathering of New Pyroclastic Deposits from Mt. Merapi (Java), Indonesia. *Journal of Mountain Science*, 6(3), 240.
<http://dx.doi.org/10.1007/s11629-009-1041-3>

Fibriliani, S. (2012). *Membedah Potensi Industri Perak di Indonesia*. Jakarta: Warta Ekspor-Kementrian Perdagangan Republik Indonesia.

Gautam, R. K., Sharma, S. K., Mahiya, S. & Chattopadhyaya, M. C. (2014). Contamination of Heavy Metals In Aquatic Media: Transport, Toxicity and Technologies for Remediation. In M. C. Chattopadhyaya, & M. G. Soares, *Heavy Metals In Water: Presence, Removal and Safety* (pp. 1-24). Cambridge: Royal Society of Chemistry.
<http://dx.doi.org/10.1039/9781782620174-00001>

- Gogtay, N. J. & Thatte, U. M. (2017). Principles of Correlation Analysis. *Journal of the Association of Physicians of India*, 65(3), 78-81.
- Ha, S. R. & Bae, M. S. (2001). Effects of Land Use and Municipal Wastewater Treatment Changes on Stream Water Quality. *Environmental Monitoring and Assessment*, 70, 135-151. <https://doi.org/10.1023/A:1010649705723>
- Hadiwidodo, M. (2008). Penggunaan Abu Sekam Padi Sebagai Adsorben dalam Pengolahan Air Limbah yang Mengandung Logam Cu. *Teknik*, 29(1), 55-63. Doi: <https://doi.org/10.14710/teknik.v29i1.1912>
- Haghiabi, A. H., Nasrolahi, A. H. & Parsaie, A. (2018). Water Quality Prediction Using Machine Learning Methods. *Water Quality Research Journal*, 53(1), 3-13. <https://doi.org/10.2166/wqrj.2018.025>
- Hambali, R. & Apriyanti, Y. (2016). Studi Karakteristik Sedimen dan Laju Sedimentasi Sungai Daeng–Kabupaten Bangka Barat. *FROPIL (Forum Profesional Teknik Sipil)*, 4(2), 165-174.
- Hasan, M. (1988). *Hidrology, jilid 2*. . Palembang: Universitas Sriwijaya.
- Kementrian Perindustrian Republik Indonesia. (2012, November 21). *Industri Perak dan Kerajinan Kulit di Kotagede Makin Menggeliat*. Retrieved September 1, 2022, from Kementrian Perindustrian Republik Indonesia: <https://kemenperin.go.id/artikel/5032/Industri-Perak-dan-Kerajinan-Kulit-di-Kotagede-Makin-Menggeliat>
- Ibisch, R. & Borchardt, D. (2009). *Integrated Water Resouces Management (IWRM): From Reasearch to Implementation*.
- Ifabiyi, I. P. (2008). Self Purification of a Freshwater Stream in Ile-Ife: Lessons for Water Management. *Journal of Human Ecology*, 24(2), 131-137. <https://doi.org/10.1080/09709274.2008.11906109>
- Kementrian Perindustrian Republik Indonesia. (2012, November 21). *Industri Perak dan Kerajinan Kulit di Kotagede Makin Menggeliat*. Retrieved September 1, 2022, from Kementrian Perindustrian Republik Indonesia: <https://kemenperin.go.id/artikel/5032/Industri-Perak-dan-Kerajinan-Kulit-di-Kotagede-Makin-Menggeliat>
- Kemenparekraf.go.id. (2022, Mei 6). *Kerajinan Perak Kotagede: Perhiasan Khas Yogyakarta yang Berdaya Saing Global*. Retrieved 9 Juli, 2023, from Kementrian Pariwisata dan Ekonomi Kreatif/Badan Pariwisata dan Ekonomi Kreatif Republik Indonesia: <https://kemenparekraf.go.id/ragam-ekonomi-kreatif/kerajinan-perak-kotagede-perhiasan-khas-yogyakarta-yang-berdaya-saing>
- Kido, M., Syawal, M. S., Hosokawa, T., Tanaka, S., Saito, T., Iwakuma, T. & Kurasaki, M. (2009). Comparison of general water quality of rivers in Indonesia and Japan. *Environmental monitoring and assessment*, 156(1), 317-329. <https://doi.org/10.1007/s10661-008-0487-z>
- Kristanto, P. (2002). *Ekologi Industri*. Yogyakarta: Penerbit Andi.

- Lakitan, B. (2002). *Dasar-Dasar Klimatologi*. Jakarta: PT. Raja Grafindo Persada.
- Le Coz, J., Camenen, B., Peyrard, X. & Dramais, G. (2012). Uncertainty in Open-Channel Discharges Measured with The Velocity–Area Method. *Flow Measurement and Instrumentation*, 26, 18-29.
<https://doi.org/10.1016/j.flowmeasinst.2012.05.001>
- Li, Y., Mi, W., Ji, L., He, Q., Yang, P., Xie, S. & Bi, Y. (2023). Urbanization and Agriculture Intensification Jointly Enlarge The Spatial Inequality of River Water Quality. *Science of The Total Environment*, 878, 162559.
<https://doi.org/10.1016/j.scitotenv.2023.162559>
- Li, Y., Cheng, X., Liu, K., Yu, Y. & Zhou, Y. (2022). A New Method for Identifying Potential Hazardous Areas of Heavy Metal Pollution in Sediments. *Water Research*, 119065. <https://doi.org/10.1016/j.watres.2022.119065>
- Li, Y. & Migliaccio, K. (2010). *Water Quality Concepts, Sampling, and Analyses*. Boca Raton: CRC Press.
- Li, Z., Ma, Z., van der Kuijp, T. J., Yuan, Z. & Huang, L. (2014). A Review of Soil Heavy Metal Pollution from Mines in China: Pollution and Health Risk Assessment. *Science of the total environment*, 468, 843-853.
<https://doi.org/10.1016/j.scitotenv.2013.08.090>
- Lide, D. R. (2004). *CRC handbook of chemistry and physics* (85 ed.). Boca Raton: CRC press.
- Lin, C. Y., Ali, B. N. M., Tair, R., Musta, B., Abdullah, M. H., Cleophas, F., Isidore, F., Nadzir, M. S. M., Roselee, M. H. & Yusoff, I. (2022). Distance Impacts Toxic Metals Pollution in Mining Affected River Sediments. *Environmental Research*, 214, 113757.
<https://doi.org/10.1016/j.envres.2022.113757>
- Lu, G. Y. & Wong, D. W. (2008). An Adaptive Inverse-Distance Weighting Spatial Interpolation Technique. *Computers & geosciences*, 34(9), 1044-1055.
<https://doi.org/10.1016/j.cageo.2007.07.010>
- Mulyadi, H. & Yoswaty, D. (2015). Sebaran Fraksi Sedimen Dasar Permukaan di Perairan Pantai Pulau Topang Provinsi Riau. *Jurnal Online Mahasiswa (JOM) Bidang Perikanan dan Ilmu Kelautan*, 2(1), 1-7.
- Mulyadi, M. (2011). Penelitian Kuantitatif dan Kualitatif Serta Pemikiran Dasar Menggabungkannya. *Jurnal studi komunikasi dan media*, 15(1), 128-137.
<https://doi.org/10.31445/jskm.2011.150106>
- Mokarram, M., Saber, A. & Sheykhi, V. (2020). Effects of Heavy Metal Contamination on River Water Quality due to Release of Industrial Effluents. *Journal of Cleaner Production*, 277, 123380.
<https://doi.org/10.1016/j.jclepro.2020.123380>
- Nasir, M., Saputro, E. P. & Handayani, S. (2016). Manajemen Pengelolaan Limbah Industri. *Benefit: Jurnal Manajemen dan Bisnis*, 19(2), 143-149.

- Nugroho, S. H. & Basit, A. (2014). Sebaran Sedimen Berdasarkan Analisis Ukuran Butir di Teluk Weda, Maluku Utara. *Jurnal Ilmu dan Teknologi Kelautan Tropis*, 6(1), 229-240.
- Parman, S. (2010). Deteksi Perubahan Garis Pantai Melalui Citra Penginderaan Jauh di Pantai Utara Semarang Demak. *Jurnal Geografi: Media Informasi Pengembangan dan Profesi Kegeografian*, 7(1).
- Paul, D. (2017). Research on Heavy Metal Pollution of River Ganga: A Review. *Annals of Agrarian Science*, 15(2), 278-286.
<https://doi.org/10.1016/j.aasci.2017.04.001>
- Purcell, T. W. & Peters, J. J. (1998). Sources of Silver in The Environment. *Environmental Toxicology and Chemistry: An International Journal*, 17(4), 539-546. <https://doi.org/10.1002/etc.5620170404>
- Puspasari, R. (2006). Logam dalam Ekosistem Perairan. *Bawal Widya Riset Perikanan Tangkap*, 1(2), 43-47.
<http://dx.doi.org/10.15578/bawal.1.2.2006.43-47>
- Qadri, R. & Faiq, M. A. (2020). Freshwater Pollution: Effects on Aquatic Life and Human Health. In H. Qadri, R. A. Bhat, M. A. Mehmood, & G. H. Dar, *Fresh Water Pollution Dynamics and Remediation* (pp. 15-26). Singapore: Springer.
- Qin, H. P., Su, Q., Khu, S. T. & Tang, N. (2014). Water Quality Changes During Rapid Urbanization in The Shenzhen River Catchment: An Integrated View of Socio-Economic and Infrastructure Development. *Sustainability*, 6(10), 7433-7451. <https://doi.org/10.3390/su6107433>
- Rachman, D. N. (2019). Analisa Infrastruktur Saluran Pembuangan Air Limbah Eksisiting di Kelurahan 2 Ilir Kecamatan Ilir Timur II Kota Palembang. *Jurnal Teknik Sipil*, 9(1), 16-24.
<https://doi.org/10.36546/tekniksipil.v9i1.265>
- Rahman, A. R., Masyamsir, & Dhahiyat, Y. (2012). Distribusi Kandungan Logam Berat Pb dan Cd Pada Kolom Air dan Sedimen Daerah Aliran Sungai Citarum Hulu. *Jurnal Perikanan Kelautan*, 3(3).
- Richard, A. (1992). *Depositional system an introduction to sedimen-tology and sratigraphy 2nd*. New Jersey: Prastise Hall Inc.
- Roy, M. & Shamim, F. (2020). Research on The Impact Of Industrial Pollution on River Ganga: A Review. *International Journal of Prevention and Control of Industrial Pollution*, 6(1), 43-51.
<https://doi.org/10.1016/j.aasci.2017.04.001>
- Said, N. I. (2010). Metoda Penghilangan Logam Berat (As, Cd, Cr, Ag, Cu, Pb, Ni Dan Zn) di Dalam Air Limbah Industri. *Jurnal Air Indonesia*, 6(2), 136-148. <http://dx.doi.org/10.29122/jai.v6i2.2464>

- Santosa, L. W. (2016). *Keistimewaan Yogyakarta dari sudut pandang geomorfologi*. UGM PRESS.
- Schertzinger, G., Itzel, F., Kerstein, J., Tuerk, J., Schmidt, T. C. & Sures, B. (2019). Accumulation Pattern and Possible Adverse Effects of Organic Pollutants in Sediments Downstream of Combined Sewer Overflows. *Science of the Total Environment*, 675, 295-304.
<https://doi.org/10.1016/j.scitotenv.2019.04.094>
- Sekarwati, N., Murachman, B. & Sunarto. (2015). Dampak Logam Berat Cu (Tembaga) dan Ag (Perak) pada Limbah Cair Industri Perak Terhadap Kualitas Air Sumur dan Kesehatan Masyarakat serta Upaya Pengendaliannya di Kota Gede Yogyakarta. *Ekosains*, 7(1), 64-76.
<https://doi.org/10.47317/jkm.v9i1.242>
- Sedgwick, P. (2012). Pearson's correlation coefficient. *Bmj*, 345.
<https://doi.org/10.1136/bmj.e4483>
- Sitorus, E., Sutrisno, E., Armus, R., Gurning, K., Fatma, F., Parinduri, L. & Priastomo, Y. (2021). *Proses Pengolahan Limbah*. Jakarta: Yayasan Kita Menulis.
- Smith, D. S., Nasir, R., Parker, W., Peters, A., Merrington, G., van Egmond, R. & Lofts, S. (2021). Developing Understanding of The Fate and Behaviour of Silver in Fresh Waters and Waste Waters. *Science of The Total Environment*, 757, 143648. <https://doi.org/10.1016/j.scitotenv.2020.143648>
- Soemarwoto, O. (2003). *Analisis Dampak Lingkungan*. Yogyakarta: UGM Press.
- Susanti, P. D. & Miardini, A. (2017, July). The Impact of Land Use Change on Water Pollution Index of Kali Madiun Sub-Watershed. *Forum Geografi* (Vol. 31, No. 1, pp. 128-137). <http://dx.doi.org/10.23917/forgeo.v31i1.2686>
- Susantoro, T. M., Sunarjanto, D. & Andayani, A. (2015). Distribusi Logam Berat pada Sedimen di Perairan Muara dan Laut Propinsi Jambi. *Jurnal Kelautan Nasional*, 10(1), 1-11. <http://dx.doi.org/10.15578/jkn.v10i1.4>
- Sya'rani, L. & Hariadi, H. (2006). Penentuan Sumber Sedimen Dasar Perairan: I. Berdasarkan Analisis Minerologi dan Kandungan Karbonat. *Ilmu Kelautan: Indonesian Journal of Marine Sciences*, 11(1), 37-43.
<https://doi.org/10.14710/ik.ijms.11.1.37-43>
- Tafangenyasha, C. & Dzinomwa, T. (2005). Land-Use Impacts on River Water Quality in Lowveld Sand River Systems in South-East Zimbabwe. *Land Use and Water Resources Research* 5, 3.1-3.10. Doi: <https://10.22004/ag.econ.47961>
- Taguchi, N. (2018). Description and explanation of pragmatic development: Quantitative, qualitative, and mixed methods research. *System*, 75, 23-32.
<https://doi.org/10.1016/j.system.2018.03.010>
- Thomas, K. E., Alexander, A. C. & Chambers, P. A. (2022). Contribution of Rain

Events to Surface Water Loading in 3 Watersheds in Canada's Alberta Oil Sands Region. *Journal of Hydrology: Regional Studies*, 40, 101028.
<https://doi.org/10.1016/j.ejrh.2022.101028>

Tian, S., Wang, Z. & Shang, H. (2011). Study on the Self-purification of Juma River. *Procedia Environmental Sciences*, 11, 1328-1333.
<https://doi.org/10.1016/j.proenv.2011.12.199>

Ugochukwu, U. C., Chukwuone, N., Jidere, C., Ezeudu, B., Ikpo, C. & Ozor, J. (2022). Heavy Metal Contamination of Soil, Sediment and Water Due to Galena Mining in Ebonyi State Nigeria: Economic Costs of Pollution Base on Exposure Health Risk. *Journal of Environmental Management*, 321, 115864. [10.1016/j.jenvman.2022.115864](https://doi.org/10.1016/j.jenvman.2022.115864)

Wang, X., Qu, R., Wei, Z., Yang, X. & Wang, Z. (2014). Effect of Water Quality on Mercury Toxicity to Photobacterium Phosphoreum: Model Development and Its Application in Natural Waters. *Ecotoxicology and environmental safety*, 104, 231-238. [10.1016/j.ecoenv.2014.03.029](https://doi.org/10.1016/j.ecoenv.2014.03.029)

Welz, P. J., Khan, N. & Prins, A. (2018). The Effect Of Biogenic and Chemically Manufactured Silver Nanoparticles on The Benthic Bacterial Communities in River Sediments. *Science of The Total Environment*, 644, 1380-1390.
[10.1016/j.scitotenv.2018.06.283](https://doi.org/10.1016/j.scitotenv.2018.06.283)

Widyastuti, M. & Marfa'i, M. A. (2004). Kajian Daya Tampung Sungai Gajahwong Terhadap Beban Pencemaran. *Majalah Geografi Indonesia*, 18(2), 81-97. <https://doi.org/10.22146/mgi.13269>

Widyastuti, M., Cahyadi, A. & Sasongko, M. H. D. (2016). *Hidrologi dan Hidrogeologi Karst. Dalam Haryono, E. (Editor) 2016. Pedoman Praktis Survei Terintegrasi Kawasan Karst*. Yogyakarta: Badan Penerbit Fakultas Geografi (BPFG) Universitas Gadjah Mada. Halaman: 20-43.

Xie, H., Yang, X., Xu, J. & Zhong, D. (2023). Heavy Metals Pollution and Potential Ecological Health Risk Assessment in The Yangtze River Reaches. *Journal of Environmental Chemical Engineering*, 11(2), 109489.

Xie, F., Yu, M., Yuan, Q., Meng, Y., Qie, Y., Shang, Z. & Zhang, D. (2022). Spatial Distribution, Pollution Assessment, and Source Identification of Heavy Metals in The Yellow River. *Journal of Hazardous Materials*, 129309. [10.1016/j.jhazmat.2022.129309](https://doi.org/10.1016/j.jhazmat.2022.129309)

Xiong, F., Chen, Y., Zhang, S., Xu, Y., Lu, Y., Qu, X., Gao, W., Wu, X., Xin, W., Gang, D. D. & Lin, L. S. (2022). Land Use, Hydrology, and Climate Influence Water Quality of China's Largest River. *Journal of Environmental Management*, 318, 115581. [10.1016/j.jenvman.2022.115581](https://doi.org/10.1016/j.jenvman.2022.115581)

Yin, S., Gao, G., Huang, A., Li, D., Ran, L., Nawaz, M., Xu, J. Y. & Fu, B. (2023). Streamflow and Sediment Load Changes from China's Large Rivers: Quantitative Contributions of Climate and Human Activity Factors. *Science of The Total Environment*, 876, 162758.



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