

DAFTAR PUSTAKA

- Adhirahman, A. R., Tarigan, A. P. M., Irwandi, H., & Irsan, M. (2017). Penggunaan Metode USLE dan MUSLE dalam Analisa Erosi dan Sedimentasi di DAS Belawan. *Jurnal Teknik Sipil USU*, 6(1).
- Baby, J., Raj, J., Biby, E., Sankarganesh, P., Jeevitha, M., Ajisha, S., & Rajan, S. (2011). Toxic effect of heavy metals on aquatic environment. *International Journal of Biological and Chemical Sciences*, 4(4), 939–952. <https://doi.org/10.4314/ijbcs.v4i4.62976>
- Chan, C. M., & Abdul Jalil, A. N. (2014). Some insights to the reuse of dredged marine soils by admixing with activated steel slag. *Advances in Civil Engineering*, 2014. <https://doi.org/10.1155/2014/345134>
- Das, B. M. (1995). Mekanika Tanah (Prinsip-prinsip Rekayasa Geoteknik). *Penerbit Erlangga*, 1–300.
- Detzner, H. D., Netzband, A., & Knies, R. (2004). Dredged material management in Hamburg. *Terra et Aqua*, 96, 3–13.
- Ennahal, I., Maherzi, W., Benzerzour, M., Mamindy, Y., & Abriak, N. E. (2021). Performance of Lightweight Aggregates Comprised of Sediments and Thermoplastic Waste. *Waste and Biomass Valorization*, 12(1), 515–530. <https://doi.org/10.1007/s12649-020-00970-1>
- Erftemeijer, P. L. A., Riegl, B., Hoeksema, B. W., & Todd, P. A. (2012). Environmental impacts of dredging and other sediment disturbances on corals: A review. *Marine Pollution Bulletin*, 64(9), 1737–1765. <https://doi.org/10.1016/j.marpolbul.2012.05.008>
- Feng, Y.-S., Zhou, S.-J., Xia, W.-Y., & Du, Y.-J. (2020). Solidify/stabilise a heavy metal-contaminated soil using a novel steel slag-based binder. *Environmental Geotechnics*, 1–16. <https://doi.org/10.1680/jenge.19.00226>
- Fonseca, E. M., Fernandes, J. R., Lima, L. S., Delgado, J., Correa, T. R., Costa, P. M. S., Baptista Neto, J. A., & Aguiar, V. M. C. (2020). Effects of dredged sediment dumping on trace metals concentrations and macro benthic assemblage at the continental shelf adjacent to a tropical urbanized estuary. *Ocean and Coastal Management*, 196(March), 105299. <https://doi.org/10.1016/j.ocecoaman.2020.105299>
- Hamer, K., & Karius, V. (2002). Brick production with dredged harbour sediments. An industrial-scale experiment. *Waste Management*, 22(5), 521–530. [https://doi.org/10.1016/S0956-053X\(01\)00048-4](https://doi.org/10.1016/S0956-053X(01)00048-4)
- Hardiyatmo, H. C. (2006). *Mekanika Tanah I*. Fakultas Teknik Universitas Gajah Mada.
- Huifen, Y., Wen, M., Weina, Z., & Zhiyong, W. (2011). Steel slag as multi-functional material for removal of heavy metal ions in wastewater. *Proceedings - International Conference on Computer Distributed Control and Intelligent Environmental Monitoring, CDCIEM 2011*, 1287–1290. <https://doi.org/10.1109/CDCIEM.2011.219>
- Jamsawang, P., Charoensil, S., Namjan, T., Jongpradist, P., & Likitlersuang, S. (2020). Mechanical and microstructural properties of dredged sediments treated with cement and fly ash for use as road materials. *Road Materials and Pavement Design*, 0(0), 1–25. <https://doi.org/10.1080/14680629.2020.1772349>

- Lim, Y. C., Lin, S. K., Ju, Y. R., Wu, C. H., Lin, Y. L., Chen, C. W., & Dong, C. Di. (2019). Reutilization of dredged harbor sediment and steel slag by sintering as lightweight aggregate. *Process Safety and Environmental Protection*, 126, 287–296. <https://doi.org/10.1016/j.psep.2019.04.020>
- Limeira, J., Agullo, L., & Etxeberria, M. (2010). Dredged marine sand in concrete: An experimental section of a harbor pavement. *Construction and Building Materials*, 24(6), 863–870. <https://doi.org/10.1016/j.conbuildmat.2009.12.011>
- Maherzi, W., Ennahal, I., Benzerzour, M., Mammindy-Pajany, Y., & Abriak, N. E. (2020). Study of the polymer mortar based on dredged sediments and epoxy resin: Effect of the sediments on the behavior of the polymer mortar. *Powder Technology*, 361, 968–982. <https://doi.org/10.1016/j.powtec.2019.10.104>
- Menteri Perhubungan Republik Indonesia. (2018). *Peraturan Menteri Perhubungan Republik Indonesia Nomor PM 125 tentang Pengerukan dan Reklamasi*. 238.
- Mulligan, C. N., Yong, R. N., & Gibbs, B. F. (2001). An evaluation of technologies for the heavy metal remediation of dredged sediments. *Journal of Hazardous Materials*, 85(1–2), 145–163. [https://doi.org/10.1016/S0304-3894\(01\)00226-6](https://doi.org/10.1016/S0304-3894(01)00226-6)
- Oktarina, M., Yenny, P., Hartono, A., Anwar, S., & Kang, Y. (2020). *Assessment of heavy metals pollution in sediment of Citarum River, Indonesia*. 10(4), 584–593.
- Peraturan Pemerintah. (1999). *Peraturan Pemerintah No . 18 Tahun 1999 Tentang : Pengelolaan Limbah Bahan Berbahaya Dan Beracun. 18*.
- Satyendra. (2013a, April 10). *Blast Furnace Slag – IspatGuru*. <https://www.ispatguru.com/blast-furnace-slag/>
- Satyendra. (2013b, April 12). *Steelmaking Slag – IspatGuru*. <https://www.ispatguru.com/steel-making-slag/>
- Shin, W.-S. Y.-K. (2014). Stabilization of mixed heavy metals in contaminated marine sediment using steel slag. *Journal of Navigation and Port Research*, 38(3), 269–275. <https://doi.org/10.5394/KINPR.2014.38.3.269>
- Silitonga, E. (2016). Stabilisasi Dan Identifikasi Sedimen Hasil Pekerjaan Pengerukan. *Educational Building*, 2(2), 50–58. <https://doi.org/10.24114/eb.v2i2.4495>
- Slimanou, H., Eliche-Quesada, D., Kherbache, S., Bouzidi, N., & Tahakourt, A. /K. (2020). Harbor Dredged Sediment as raw material in fired clay brick production: Characterization and properties. *Journal of Building Engineering*, 28, 101085. <https://doi.org/10.1016/j.jobe.2019.101085>
- Summerfield, M. A. (2014). *Global Geomorphology*. Taylor & Francis. <https://books.google.co.id/books?id=jruOAwAAQBAJ>
- Tchounwou, P. B., Yedjou, C. G., Patlolla, A. K., & Sutton, D. J. (2012). Heavy Metal Toxicity and the Environment. In A. Luch (Ed.), *Molecular, Clinical and Environmental Toxicology: Volume 3: Environmental Toxicology* (pp. 133–164). Springer Basel. https://doi.org/10.1007/978-3-7643-8340-4_6
- Triatmojo, B. (1999). *Teknik Pantai (Ed, 2)*. Beta Offset.
- Yi, H., Xu, G., Cheng, H., Wang, J., Wan, Y., & Chen, H. (2012). An Overview of Utilization of Steel Slag. *Procedia Environmental Sciences*, 16, 791–801. <https://doi.org/10.1016/j.proenv.2012.10.108>
- Yildirim, I. Z., & Prezzi, M. (2011). Chemical, mineralogical, and morphological

- properties of steel slag. *Advances in Civil Engineering*, 2011.
<https://doi.org/10.1155/2011/463638>
- Yozzo, D. J., Wilber, P., & Will, R. J. (2004). Beneficial use of dredged material for habitat creation, enhancement, and restoration in New York-New Jersey Harbor. *Journal of Environmental Management*, 73(1), 39–52.
<https://doi.org/10.1016/j.jenvman.2004.05.008>