

DAFTAR PUSTAKA

- Alam Firdha Cahya, E. S. (2019). Microplastic distribution in surface water and sediment river around slum and industrial area (case study: Ciwalengke River, Majalaya district, Indonesia). Elsevier. Vol 224., 637-645.
- A'yun, Neily, Qurrata. 2019. Analisis Mikroplastik Menggunakan Ft-Ir Pada Air, Sedimen, Dan Ikan Belanak (Mugil Cephalus) Di Segmen Sungai Bengawan Solo Yang Melintasi Kabupaten Gresik. Program Studi Biologi Fakultas Sains Dan Teknologi Universitas Islam Negeri Sunan Ampel Surabaya.
- Bhardwaj, Himani, dkk. 2012. Microbial Population Associated With Plastics Degradation.
- Browne, M.A., Crump, P., Niven, S.J., Teuten, E., Tonkin, A., Galloway, T., & Hompson, R., 2011. Accumulation of microplastic on Shorelines Worldwide : Source and Sinks. *Environ. Sci. Technol.* 45(21): 9175–9179.
- Cole, M., P. Lindeque, C. Halsband, & Galloway, T.S., 2011. *Microplastics as Contaminant in the Marine Environment*. *Marine Pollution Bulletin.* 62: 2588–2597
- De Souza Machado AA, Kloas W, Zarfl C, Hempel S, Rillig MC. 2018. Microplastics as an emerging threat to terrestrial ecosystems. *Global Change Biology* 24(4):1405–1416
- Derraik, J. 2002. The Pollution of The Marine Environment by Plastic Debris : A Review. *Mar. Poll. Bull.*, 44:842–852
- Dewi, I. A. (2015). Distribusi mikroplastik pada sedimen di Muara Badak, Kabupaten Kutai Kartanegara. *DEPIK J. Depart. Ilmu Kel.*, 4(3):121-131. doi: 10.13170/depik.4.3.2888.
- Díaz-Hernández JL, Salmerón T. 2012. Effects of a plastic cover on soil moisture change in a Mediterranean climatic regime. *Soil Use and Management* 28(4):596–605

- Duan Liu, Runcheng Tang, Jun Xie, Jingjing Tian, Rui Shi, Kai Zhang. (2020). Valuation of ecosystem services of rice–fish coculture systems in Ruyuan County, China, *Ecosystem Services*, Volume 41.
- Dwicahyani, A. R., Radityaningrum, A. D., Novianarenti, E., & Ningsih, E. (2022). Peningkatan Pengelolaan Bank Sampah melalui Program Pengabdian kepada Masyarakat di Bank Sampah Wilayah Simojawar. *Jurnal ADIPATI: Pengabdian kepada Masyarakat dan Aplikasi Teknologi*, 1(1), 22-29.
- Fang, J., Xuan, Y. and Li, Q. (2010) ‘Preparation of polystyrene spheres in different particle sizes and assembly of the PS colloidal crystals’, *Science China Technological Sciences*, 53(11), pp. 3088–3093. doi: 10.1007/s11431- 010-4110-5.
- Hastuti, A. Y. (2014). Distribusi Spasial Sampah Laut Di Ekosistem Mangrove Pantai Indah Kapuk Jakarta. *Bonorowo Wetlands* 4 (2), 94-107. DOI: 10.13057/bonorowo/w040203.
- Hidalgo-Ruz V., L. G. (2012). Microplastics in The Marine Environment: A Review of The Methods Used For Identification and Quantification. *Environmental Science and Technology.*, 46:3060-3075.
- Hiwari, H. P. (2019). Kondisi sampah mikroplastik di permukaan air laut sekitar Kupang dan Rote, Lahan Nusa Tenggara Timur. *Prosiding Seminar Nasional Masyarakat dan Biodiversitas Indonesia*, vol. 5 (2), 165–171.
- Ingman M, Santelmann MV, Tilt B. 2017. Agricultural water conservation in china: plastic mulch and traditional irrigation. *Ecosystem Health and Sustainability* 1(4):1–11
- Ismail, O. A. (2017). Promosi kampanye diet kantong plastik oleh greeneration Indonesia. *Jurnal Ilmu Politik dan Komunikasi*, 7(1), 93-102. doi:10.34010/JIPSI.V7I1.335.

- Iwasaki, S., Isobe, A., Kako, S., Uchida, K., & Tokai, T. 2017. Fate of Microplastics and Mesoplastics Carried by Surface Currents and Wind Waves: A Numerical Model Approach in The Sea of Japan. *Marine Pollution Bulletin*, 121:85-96.
- Jiang, C., Yin, L., Wen, X., Du, C., Wu, L., Long, Y., Liu, Y., Ma, Y., Yin, Q., Zhou, Z. & Pan, H. 2018. Microplastics in Sediment and Surface Water of West Dongting Lake and South Dongting Lake: Abundance, Source and Composition. *International Journal of Environmental Research and Public Health*, 15:1-15.
- Kingfisher, J. (2011). *Micro-Plastic Debris Accumulation on Puget Sound Beaches*. Port Townsend Marine Science Center.
- Kovac Virsek, M. P. (2016). Protocol for Microplastics Sampling on the Sea Surface and Sample Analysis. *J. Vis, Exp.* 118, e55161.
- Kumar, A., Zhao, M., Wong, K. J., Guan, Y. L., & Chong, P. H. J. (2018). A comprehensive study of iot and wsn mac protocols: Research issues, challenges and opportunities. *IEEE Access*, 6, 76228-76262.
- Layn, A.A., Emiyarti, & Ira. 2020. *Distribusi Mikroplastik Pada Sedimen Di Perairan Teluk Kendari*. *Sapa Laut* 5 (2): 115 – 122.
- Mengting Liu, Shibo Lu, Yang Song, Lili Lei, Jiani Hu, Weiwei Lv, Wenzong Zhou, Chengjin Cao, Huahong Shi, Xiaofeng Yang, Defu He. 2018. Microplastic and mesoplastic pollution in farmland soils in suburbs of Shanghai, China, *Environmental Pollution*, Volume 242.
- Li, X., Chen, L., Mei, Q., Dong, B., Dai, X., Ding, G., & Zeng, E. Y. (2018). Microplastics in sewage sludge from the wastewater treatment plants in China. *Water research*, 142, 75–85.
- Ling, D., Mao, R. Fan., Guo, X., Yang, X., Zhang, Q., Yang, C. 2019. *Microplastics In Surface Waters And Sediments Of The Wei River, In The Northwest Of China*. *Science of the Total Environment* 667 : 427 – 434.

- Liu, M., Lu, S., Song, Y., Lei, L., Hu, J., Lv, W., Zhou, W., Cao, C., Shi, H., Yang, X., He, D., 2018. Microplastic and mesoplastic pollution in farmland soils in suburban of Shanghai, China. *Environmental Pollution*. Volume 242.
- Meng, Fanrong & Fan, Tinglu & Yang, Xiaomei & Riksen, Michel & Xu, Minggang & Geissen, Violette. (2020). Effects of plastic mulching on the accumulation and distribution of macro and micro plastics in soils of two farming systems in Northwest China. *PeerJ*. 8. e10375. 10.7717/peerj.10375.
- Merck. (2020). IR Spectrum Table & Chart. Germany.
- Nazaruddin. 1999. *Sayuran Dataran Rendah*. Jakarta. Penebar Swadaya. 142 hlm.
- Radio Republik Indonesia (2023). *Ilustrasi Penggunaan Plastik Mulsa*. <https://www.rri.co.id/ipitek/375655/penggunaan-plastik-secara-rasional-solusi-pertanian-modern-berkelanjutan> diakses pada 26 Agustus 2024.
- Reddy, M. B. (2006). Description Of The Small Plastics Fragments In Marine Sediments Along The Alang-Sosiya Ship-Breaking Yard India. *Estuarine Coastal and Shelf Science* 68, 656-660.
- Reeves, D. L., Winter, K. P., Bleiberg, J., & Kane, R. L. (2007). ANAM® Genogram: Historical perspectives, description, and current endeavors. *Archives of Clinical Neuropsychology*, 22(Suppl_1), S15-S37.
- Rillig, M. C., Ingraffia, R., & de Souza Machado, A. A. (2017). Microplastic incorporation into soil in agroecosystems. *Frontiers in plant science*, 8, 1805.
- Rochman, C. M., Tahir, A., Williams, S. L., Baxa, D. V., Lam, R., Miller, J. T., ... & Teh, S. J. (2015). Anthropogenic debris in seafood: Plastic debris and fibers from textiles in fish and bivalves sold for human consumption. *Scientific reports*, 5(1), 1-10.

- Scarascia-Mugnozza G, Sica C, Russo G. 2011. Plastic materials in European agriculture: actual use and perspectives. *Journal of Agricultural Engineering* 42(3):15–28
- Setyowati, W. N. (2021). *Kajian Kelimpahan dan Jenis Mikroplastik Pada Air Laut dan Sedimen di Teluk Jakarta* (Doctoral dissertation, UNIVERSITAS BAKRIE).
- Shitong Li, Fan Ding, Markus Flury, Zhan Wang, Li Xu, Shuangyi Li, Davey L. Jones, Jingkuan Wang. 2022. Macro- and microplastic accumulation in soil after 32 years of plastic film mulching, *Environmental Pollution*, Volume 300.
- Syakti, A. D., Jacob, M., Birrien, T., Suhana, M. P., Aziz, M. Y., Salim, A., ... & Louarn, G. (2019). Daily apportionment of stranded plastic debris in the Bintan Coastal area, Indonesia. *Marine Pollution Bulletin*, 149, 110609.
- Tarara JM. 2000. Microclimate modification with plastic mulch. *HortScience* 35(2):169–180
- Thompson, R. C., Swan, S. H., Moore, C. J., & Vom Saal, F. S (2009). Our plastic age. *Philosophical Transactions of the Royal Society B*, 364:1973–1976.
- Widianarko, Y. B., & Hantoro, I. (2018). Mikroplastik dalam Seafood dari Pantai Utara Jawa.
- Widinarko dan Inneke. 2018. Mikroplastik dalam seafood dari pantai Utara Jawa. Unika . Semarang. Soegijapranata. ISBN 978-602-6865-74-8
- Willis, K. A., Eriksen, R., Wilcox, C. & Hardesty B. D., 2017. Micoplastics Distribution at Different Sediment Depths in an Urban Estuary. *Front. Mar. Sci.*,4:p419.
- Yuling Chen, Yifei Leng, Xiaoning Liu, Jun Wang. 2020. Microplastic pollution in vegetable farmlands of suburban Wuhan, Central China, *Environmental Pollution*, Volume 257.