DAFTAR PUSTAKA

Ahmad, F., Azman, S., Said, M. I. M., & Baloo, L. (2015). Biomonitoring of metal contamination in estuarine ecosystem using seagrass. *Journal of Environmental Health Science and Engineering*, *13*(1), 2–5. https://doi.org/10.1186/s40201-015-0198-7

AOAC. (2015). AOAC Official Method 2015.01 Heavy Metals in Food Inductively Coupled Plasma–Mass Spectrometry First Action 2015. *Journal of AOAC International*, 1–15. doi: 10.5740/jaoac.int.2012.007

Arifin, Z., & Fadhlina, D. (2009). Fraksinasi Logam Berat Pb, Cd, Cu dan Zn dalam Sedimen dan Bioavailabilitasnya bagi Biota di Perairan Teluk Jakarta. *ILMU KELAUTAN: Indonesian Journal of Marine Sciences*, *14*(1), 27–32. https://doi.org/10.14710/ik.ijms.14.1.27-32

Armitage, A. R., & Fourqurean, J. W. (2006). The short-term influence of herbivory near patch reefs varies between seagrass species. *Journal of Experimental Marine Biology and Ecology*, *339*(1), 65–74. https://doi.org/10.1016/j.jembe.2006.07.013

Baker, A. J. M., Walker, P. L., & others. (1990). Ecophysiology of metal uptake by tolerant plants. *Heavy Metal Tolerance in Plants: Evolutionary Aspects*, *2*, 155–165.

Bjørklund, G., Dadar, M., Mutter, J., & Aaseth, J. (2017). The toxicology of mercury: Current research and emerging trends. *Environmental Research*, *159*, 545–554.

Bonanno, G. (2013). Comparative performance of trace element bioaccumulation and biomonitoring in the plant species Typha domingensis, Phragmites australis and Arundo donax. *Ecotoxicology and Environmental Safety*, *97*, 124–130.

Bonanno, G., Borg, J. A., & Di Martino, V. (2017). Levels of heavy metals in wetland and marine vascular plants and their biomonitoring potential: a comparative assessment. *Science of the Total Environment*, *576*, 796–806.

Bonanno, G., & Di Martino, V. (2016). Seagrass Cymodocea nodosa as a trace element biomonitor: bioaccumulation patterns and biomonitoring uses. *Journal of Geochemical Exploration*, *169*, 43–49.

Bonanno, G., & Di Martino, V. (2017). Trace element compartmentation in the seagrass Posidonia oceanica and biomonitoring applications. *Marine Pollution Bulletin*, *116*(1–2), 196–203.

Das, K., Siebert, U., Gillet, A., Dupont, A., Di-Poï, C., Fonfara, S., Mazzucchelli, G., De Pauw, E., & De Pauw-Gillet, M. C. (2008). Mercury immune toxicity in harbour seals: Links to in vitro toxicity. *Environmental Health: A Global Access Science Source*, *7*, 1–17. https://doi.org/10.1186/1476-069X-7-52

Davidson, P. W., Myers, G. J., & Weiss, B. (2004). Mercury exposure and child development outcomes. *Pediatrics*, *113*(Supplement 3), 1023–1029.

Den Hartog, C. (1970). The sea-grasses of the world. *North-Holland, Amsterdam*.

Deng, H., Ye, Z. H., & Wong, M. H. (2004). Accumulation of lead, zinc, copper and cadmium by 12 wetland plant species thriving in metal-contaminated sites in China. *Environmental Pollution*, *132*(1), 29–40.

Dewi, K., & Ismawati, Y. (2015). Inventory of mercury releases in Indonesia. *The 5th Environmental Technology and Management Conference "Green Technology towards Sustainable Environment,"* 1–8. https://www.academia.edu/9961643/Inventory_of_Mercury_Releases_in_Indonesia_2012

Evers, D. C., Mason, R. P., Kamman, N. C., Chen, C. Y., Andrea, L., Taylor, D. L., Hammerschmidt, C. R., Jones, S. H., Neil, M., Munney, K., & Parsons, K. C. (2009). *An Integrated Mercury Monitoring Program for Temperate Estuarine and Marine Ecosystems on the North American Atlantic Coast*. *5*(4), 426–441. https://doi.org/10.1007/s10393-008-0205-x.An

Fitzgerald, W. F., Lamborg, C. H., & Hammerschmidt, C. R. (2007). Marine biogeochemical cycling of mercury. *Chemical Reviews*, *107*(2), 641–662.

Fitzgerald, W. F., & Mason, R. P. (1997). Biogeochemical cycling of mercury in the marine environment. *Metal Ions in Biological Systems*, *34*, 53–112.

Gerhardt, A. (2002). BGerhardt, A. (2002). Bioindicator species and their use in biomonitoring. Environmental Monitoring Vol. I- UNESCO Encyclopedia of Life Support Systems (Vol. I).ioindicator species and their use in biomonitoring. *Environmental Monitoring Vol. I- UNESCO Encyclopedia of Life Support Systems*, *I*, 10(sample).

Grandjean, P., Satoh, H., Murata, K., & Eto, K. (2010). Adverse effects of methylmercury: Environmental health research implications. *Environmental Health Perspectives*, *118*(8), 1137–1145. https://doi.org/10.1289/ehp.0901757

Green, E. P., Short, F. T., Frederick, T., & others. (2003). *World atlas of seagrasses*. Univ of California Press.

Halun, Z., Terrados, J., Borum, J., Kamp-Nielsen, L., Duarte, C. M., & Fortes, M. D. (2002). Experimental evaluation of the effects of siltation-derived changes in sediment conditions on the Philippine seagrass Cymodocea rotundata. *Journal of Experimental Marine Biology and Ecology*, *279*(1–2), 73–87.

Handayani, T. (2006). Bioakumulasi Logam Berat Dalam Mangrove Rhizophora mucronata dan Avicennia marina Di Muara Angke Jakarta. *Jurnal Teknik Lingkungan*, *7*(3), 266–270.

Harguinteguy, C. A., Cofré, M. N., Fernández-Cirelli, A., & Pignata, M. L. (2016). The macrophytes Potamogeton pusillus L. and Myriophyllum aquaticum (Vell.) Verdc. as potential bioindicators of a river contaminated by heavy metals. *Microchemical Journal*, *124*, 228–234.

Hoeksema, B. W., Giyanto, & Suharsono. (2019). The Role of Maximum Shelf Depth versus Distance from Shore in Explaining a Diversity Gradient of Mushroom Corals (Fungiidae) off Jakarta. *Diversity*, *11*(3), 16–19. https://doi.org/10.3390/D11030046

IUCN. (2021). *The IUCN Red List of Threatened Species (ver. 2021-3)*. https://www.iucnredlist.org/species/173363/6999692#habitat-ecology

Ivonie, R. N., & Mardiastuti, A. (2020). Plastic litter distribution in Pulau Rambut Wildlife Sanctuary. *E3S Web of Conferences*, *211*(January). https://doi.org/10.1051/e3sconf/202021103020

KKP. (2015). *Profil Kawasan Konservasi Provinsi DKI Jakarta*.

Kusuma, A. H., Prartono, T., Atmadipoera, A. S., & Arifin, T. (2015). Sebaran Logam Berat Terlarut Dan Terendapkan Di Perairan Teluk Jakarta. *Jurnal Teknologi Perikanan Dan Kelautan*, *6*(1), 41–49. https://doi.org/10.24319/jtpk.6.41-49

Larkum, A. W. D., Orth, R. J., & Duarte, C. M. (2006). Seagrasses: Biology, ecology and conservation. *Seagrasses: Biology, Ecology and Conservation*, *June 2014*, 1–691. https://doi.org/10.1007/978-1-4020-2983-7

Le Faucheur, S., Campbell, P. G. C., Fortin, C., & Slaveykova, V. I. (2014). Interactions between mercury and phytoplankton: speciation, bioavailability, and internal handling. *Environmental Toxicology and Chemistry*, *33*(6), 1211–1224.

Li, L., & Huang, X. (2012). Three tropical seagrasses as potential bio-indicators to trace metals in Xincun Bay, Hainan Island, South China. *Chinese Journal of Oceanology and Limnology*, *30*(2), 212–224. https://doi.org/10.1007/s00343-012-1092-0

Lin, H.-J., HSIEH, L.-Y., & Liu, P.-J. (2005). Seagrasses of Tongsha Island, with descriptions of four new records to Taiwan. *Botanical Bulletin of Academia Sinica*, *46*.

Liu, M., Chen, L., Wang, X., Zhang, W., Tong, Y., Ou, L., Xie, H., Shen, H., Ye, X., Deng, C., & others. (2016). Mercury export from mainland China to adjacent seas and its influence on the marine mercury balance. *Environmental Science \& Technology*, *50*(12), 6224–6232.

Llagostera, I., Pérez, M., & Romero, J. (2011). Trace metal content in the seagrass Cymodocea nodosa: differential accumulation in plant organs. *Aquatic Botany*, *95*(2), 124–128.

Luoma, S. N., Rainbow, P. S., & others. (2008). *Metal contamination in aquatic environments: science and lateral management*. Cambridge university press.

Malea, P, & Haritonidis, S. (1999). *Cymodocea nodosa (Ucria) aschers. as a bioindicator of metals in Thermaikos Gulf, Greece, during monthly samplings*.

Malea, Paraskevi, Kevrekidis, T., Chatzipanagiotou, K. R., & Mogias, A. (2018). Cadmium uptake kinetics in parts of the seagrass Cymodocea nodosa at high exposure concentrations. *Journal of Biological Research (Greece)*, *25*(1), 1–11. https://doi.org/10.1186/s40709-018-0076-4

Mason, R. P., Reinfelder, J. R., & Morel, F. M. M. (1995). Bioaccumulation of mercury and methylmercury. *Water, Air, and Soil Pollution*, *80*(1), 915–921.

Meñez, E. G., & Phillips, R. C. (1983). Seagrasses from the Philippines. *Smithsonian Contributions to the Marine Sciences*.

Monperrus, M., Tessier, E., Amouroux, D., Leynaert, A., Huonnic, P., & Donard, O. F. X. (2007). Mercury methylation, demethylation and reduction rates in coastal and marine surface waters of the Mediterranean Sea. *Marine Chemistry*, *107*(1), 49–63. https://doi.org/10.1016/j.marchem.2007.01.018

Muflih, A., Fahrudin, A., & Wardiatno, Y. (2015). Suitability and Carrying Capacity of Tourism in Tanjung Pasir Coast and Untung Jawa Island. *Jurnal Ilmu Pertanian Indonesia*, *20*(2), 141–149. https://doi.org/10.18343/jipi.20.2.141

Prado, P., & Heck, K. L. (2011). Seagrass selection by omnivorous and herbivorous consumers: Determining factors. *Marine Ecology Progress Series*, *429*, 45–55. https://doi.org/10.3354/meps09076

Proc, K., Bulak, P., Kaczor, M., & Bieganowski, A. (2021). A new approach to quantifying bioaccumulation of elements in biological processes. *Biology*,

10(4), 1–9. https://doi.org/10.3390/biology10040345

Purnamasari, D. (2014). *Analisis Ekosistem Padang Lamun di Perairan Pulau Rambut, Kepulauan Seribu*.

Ralph, P. J., Tomasko, D., Moore, K., Seddon, S., & Macinnis-Ng, C. M. O. (2007). Human impacts on seagrasses: eutrophication, sedimentation, and contamination. In *Seagrasses: Biology, Ecologyand Conservation* (pp. 567–593). Springer.

Rochyatun, E., & Rozak, A. (2007). *Perairan Teluk Jakarta*. *11*(1), 28–36.

Romero, J., Lee, K.-S., Pérez, M., Mateo, M. A., & Alcoverro, T. (2006). Nutrient dynamics in seagrass ecosystems. *Seagrasses: Biology, Ecology and Conservation*, 227–254.

Rothenberg, S. E., Ambrose, R. F., & Jay, J. A. (2008). Mercury cycling in surface water, pore water and sediments of Mugu Lagoon, CA, USA. *Environmental Pollution*, *154*(1), 32–45. https://doi.org/10.1016/j.envpol.2007.12.013

Sachoemar, S. I. (2008). Karakteristik Lingkungan Perairan Kepulauan Seribu. *Jurnal Air Indonesia*, *4*(2), 109–114. https://doi.org/10.29122/jai.v4i2.2408

Salt, D. E., Smith, R. D., & Raskin, I. (1998). Phytoremediation. *Annual Review of Plant Biology*, *49*(1), 643–668.

Sanubari, M. O., Sedayu, A., & Miarsyah, M. (2017). POTENSI Acrostichum aureum L. (PTERIDACEAE) SEBAGAI BIOAKUMULATOR LOGAM BERAT MANGAN (Mn) DAN TEMBAGA (Cu). *Bioma*, *12*(2), 69. https://doi.org/10.21009/bioma12(2).1

Soda, S., Hamada, T., Yamaoka, Y., Ike, M., Nakazato, H., Saeki, Y., Kasamatsu, T., & Sakurai, Y. (2012). Constructed wetlands for advanced treatment of wastewater with a complex matrix from a metal-processing plant: bioconcentration and translocation factors of various metals in Acorus gramineus and Cyperus alternifolius. *Ecological Engineering*, *39*, 63–70.

Sugiyanto, R. A. N., Yona, D., & Kasitowati, R. D. (2016). Analisis Akumulasi Logam Berat Timbal (Pb) dan Kadmium (Cd) Pada Lamun Enhalus acoroides Sebagai Agen Fitoremediasi Di Pantai Paciran, Lamongan. *Seminar Nasional Perikanan Dan Kelautan VI*, *May*, 449–455.

Sukaesih, U., Farida, & Miswan. (2018). Analisis Destinasi Pariwisata Pulau Untung Jawa di Kepulauan Seribu Jakarta. *Jurnal Industri Pariwisata*, *1*(2), 81–94.

Suratno, & Irawan, A. (2018). Mercury concentration on Enhalus acoroides and Thalassia hemprichii at Seribu Islands. *IOP Conference Series: Earth and Environmental Science*, *118*(1), 3–8. https://doi.org/10.1088/1755-1315/118/1/012058

Susana, R., & Suswati, D. (2013). Bioakumulasi dan Distribusi Cd pada Akar dan Pucuk 3 Jenis Tanaman Famili Brassicaceae: Implementasinya untuk Fitoremediasi. *Jurnal Manusia Dan Lingkungan*, *20*(2), 221–228.

Takarina, N. D., Yasman, S., & RA, R. (2008). Speciation of heavy metals in coastal area of Jakarta Bay (Spesiasi logam berat di sediment muara dan perairan Teluk Jakarta). *J. Environ. Chem*, *9*(2), 153–160.

Terrados, Jcmd., Duarte, C. M., Fortes, M. D., Borum, J., Agawin, N. S. R., Bach, S., Thampanya, U., Kamp-Nielsen, L., Kenworthy, W. J., Geertz-Hansen, O., & others. (1998). Changes in community structure and biomass of seagrass communities along gradients of siltation in SE Asia. *Estuarine, Coastal and Shelf Science*, *46*(5), 757–768.

Tuapattinaya, P. M. J., Rumahlatu, D., & Tulalessy, S. (2016). Bioaccumulation of Cadmium Heavy Metal And its Effect on the Level of Chlorophyll And Carotenoids of Thalassia Hemprichii in the Waters of Ambon Island. *International Journal of Engineering And Science*, *6*(5), 28–33.

Ullrich, S. M., Tanton, T. W., & Abdrashitova, S. A. (2001). Mercury in the aquatic environment: a review of factors affecting methylation. *Critical Reviews in Environmental Science and Technology*, *31*(3), 241–293.

UNEP, U. (2013). Global mercury assessment 2013: sources, emissions, releases and environmental transport. *UNEP Chemicals Branch, Geneva, Switzerland*.

Uneputty, P. A., & Evans, S. M. (1997). Accumulation of beach litter on islands of the Pulau Seribu Archipelago, Indonesia. *Marine Pollution Bulletin*, *34*(8), 652–655.

Vermaat, J. E., Agawin, N. S. R., Duarte, C. M., Fortes, M. D., Marba, N., & Uri, J. S. (1995). Meadow maintenance, growth and productivity of a mixed Philippine seagrass bed. *Marine Ecology Progress Series*, *124*(1–3), 215–225. https://doi.org/10.3354/meps124215

Vetriani, C., Chew, Y. S., Miller, S. M., Yagi, J., Coombs, J., Lutz, R. A., & Barkay, T. (2005). Mercury adaptation among bacteria from a deep-sea hydrothermal vent. *Applied and Environmental Microbiology*, *71*(1), 220–226. https://doi.org/10.1128/AEM.71.1.220-226.2005

Voegborlo, R. B., Matsuyama, A., Adimado, A. A., & Akagi, H. (2011). Determination of methylmercury in marine and freshwater fish in Ghana using a combined technique of dithizone extraction and gas--liquid chromatography with electron capture detection. *Food Chemistry*, *124*(3), 1244–1248.

Ward, D. M., Nislow, K. H., & Folt, C. L. (2010). Bioaccumulation syndrome: identifying factors that make some stream food webs prone to elevated mercury bioaccumulation. *Annals of the New York Academy of Sciences*, *1195*, 62.

Waycott, M., Collier, C., McMahon, K., Ralph, P., McKenzie, L., Udy, J., & Grech, A. (2007). *Vulnerability of seagrasses in the Great Barrier Reef to climate change*. Great Barrier Reef Marine Park Authority and Australian Greenhouse Office.

Wu, Y., & Wang, W.-X. (2011). Accumulation, subcellular distribution and toxicity of inorganic mercury and methylmercury in marine phytoplankton. *Environmental Pollution*, *159*(10), 3097–3105.

Yokoyama, H. (2018). *Lecture on Methylmercury Poisoning in Minamata (MPM)*. https://doi.org/10.1007/978-981-10-7392-2_2

Youhao, G. (n.d.). *Cymodocea rotundata Asch. & Schweinf.* Flora of China @ Efloras.Org. Retrieved December 16, 2021, from http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=242316421