

DAFTAR PUSTAKA

- Abreo, N. A. S., Siblos, S. K. V., and Macusi, E. D. 2021. Anthropogenic Marine Debris (AMD) in Mangrove Forests of Pujada Bay, Davao Oriental, Philippines. *Journal of Marine and Island Cultures*, **9**(1), 38–53.
- Agamuthu, P., Mehran, S. B., Norkhairah, A., and Norkhairiyah, A. (2019). Marine debris: A review of impacts and global initiatives. *Waste Management and Research*, **37**(10), 987–1002.
- Aliviyanti, D., and Isdianto, A. 2020. Komposisi dan Kerapatan Mangrove Kawasan Konservasi Taman Wisata Perairan Gugusan Pulau- Pulau Momparang. *Indonesian Journal of Conservation*, **9**(2), 63–67.
- Almahasheer, H., Serrano, O., Duarte, C. M., Arias-Ortiz, A., Masque, P., and Irigoien, X. 2017. Low Carbon sink capacity of Red Sea mangroves. *Scientific Reports*, **7**(1), 1–10.
- Ayu Ramadhini Hastuti, Fredinan Yulianda, Y. W. 2014. Distribusi spasial sampah laut di ekosistem mangrove Pantai Indah Kapuk, Jakarta Spatial distribution of marine debris in mangrove ecosystem of Pantai Indah Kapuk, Jakarta Ayu Ramadhini Hastuti, Fredinan Yulianda, Yusli Wardiatno. *Bonorowo Wetlands*, **4**(2), 94–107.
- Bai, M., and Li, D. 2020. Quantity of plastic waste input into the ocean from China based on a material flow analysis model. *Anthropocene Coasts*, **3**(1), 1–5.
- Barboza, L. G. A., Dick Vethaak, A., Lavorante, B. R. B. O., Lundebye, A. K., and Guilhermino, L. 2018. Marine microplastic debris: An emerging issue for food security, food safety and human health. *Marine Pollution Bulletin*, **133**(January), 336–348.
- Barreiros, J. P., and Raykov, V. S. 2014. Lethal lesions and amputation caused by plastic debris and fishing gear on the loggerhead turtle Caretta caretta (Linnaeus, 1758). Three case reports from Terceira Island, Azores (NE Atlantic). *Marine Pollution Bulletin*, **86**(1–2), 518–522.
- Boerger, C. M., Lattin, G. L., Moore, S. L., and Moore, C. J. 2010. Plastic ingestion by planktivorous fishes in the North Pacific Central Gyre. *Marine Pollution Bulletin*, **60**(12), 2275–2278.
- Bond, T., Ferrandiz-Mas, V., Felipe-Sotelo, M., and van Sebille, E. 2018. The occurrence and degradation of aquatic plastik litter based on polymer physicochemical properties: A review. *Critical Reviews in Environmental Science and Technology*, **48**(7–9), 685–722.

- Damayanti, A.A., Larasati, C.E., Amir, S., Setyono, B. D. H., & Lestari, D.P. 2022. Karakteristik Meso-Size Marine Debris di Kawasan Wisata Pesisir Barat Kota Mataram. *Jurnal Sains Teknologi & Lingkungan*, **8**(1), 38-47.
- Density, S., Jepara, B. B., Sofiana, U. R., Sulardiono, B., and Nitispardjo, M. 2016. Relationship between Organic of Sediment Matter with Infauna Abundance. **5**, 135-141.
- Dewi, R., Zainuri, M., Anggoro, S., and Winanto, T. 2016. Analisis Perubahan Lahan Kawasan Laguna Segara Anakan Selama Periode Waktu (1978-2016) Menggunakan Satelit Landsat Multitemporal. *Omni-Akuatika*, **12**(3), 144-150. http://landsat.usgs.gov/landsat8_using_produc
- Djaguna, A., Pelle, W. E., Schaduw, J. N., Manengkey, H. W., Rumampuk, N. D., and Ngangi, E. LA. 2019. Identifikasi Sampah Laut Di Pantai Tongkaina Dan Talawaan Bajo. *Jurnal Pesisir Dan Laut Tropis*, **7**(3), 174.
- Djohan, T. S. 2012. The Disturbed Ecosystem of Segara Anakan , Central Java. *J. Manusia Dan Lingkungan*, **19**(3), 294-302.
- Duarte, C. M., Losada, I. J., Hendriks, I. E., Mazarrasa, I., and Marbà, N. 2013. The role of coastal plant communities for climate change mitigation and adaptation. *Nature Climate Change*, **3**(11), 961-968.
- Fajriah, N., Fauzi, M., and Sumiarsih, E. 2020. Composition and Density of Marine Debris in the Mangrove Ecosystems of the Sungai Rawa Village, Sungai Apit Subsdistrict, Siak Regency, Riau Province. *Asian Journal of Aquatic Sciences*, **2**(1), 29-38.
- Fakultas, L. E., Unsoed, B., and Indonesia, J. T. 2020. Diversitas Ektoparasit Pada Crustacea Hasil Tangkapan Estuaria Segara Anakan Cilacap Jawa Tengah. **30**-40.
- Gumilang, A. P., Solihin, I., and Wisudo, S. H. 2014. Distribution Patterns and Technology of Catch Fishing Ports. *Jurnal Teknologi Perikanan Dan Kelautan*, **5**(1), 65-74.
- Hastuti, A. R., Yulianda, F., and Wardiatno, Y. 2014. Distribusi spasial sampah laut di ekosistem mangrove Pantai Indah Kapuk, Jakarta Spatial distribution of marine debris in mangrove ecosystem of Pantai Indah Kapuk, Jakarta Bonorowo Wetlands, **4**(2), 94-107.
- Hidayati, N. V., Siregar, A. S., Sari, L. K., Putra, G. L., Hartono, Nugraha, I. P., and Syakti, A. D. 2014. Pendugaan Tingkat Kontaminasi Logam Berat Pb , Cd Dan Cr Pada. *Omni-Akuatika*, **13**(19), 60-70.
- Hilmi, E., Sari, L. K., and Amron, A. 2019. Distribusi Sebaran Mangrove Dan

Faktor Lingkungan Pada Ekosistem Mangrove Segara Anakan Cilacap. Prosiding Seminar Nasional Dan Call for Papers "Pengembangan Sumber Daya Perdesaan Dan Kearifan Lokal Berkelanjutan IX", 2(November), 23-33.

Horstman, E. M., Dohmen-Janssen, C. M., Narra, P. M. F., van den Berg, N. J. F., Siemerink, M., and Hulscher, S. J. M. H. 2014. Wave attenuation in mangroves: A quantitative approach to field observations. *Coastal Engineering*, 94, 47–62.

Hussain, S. A., and Badola, R. 2010. Valuing mangrove benefits: Contribution of mangrove forests to local livelihoods in Bhitarkanika Conservation Area, East Coast of India. *Wetlands Ecology and Management*, 18(3), 321–331.

Isdianto, Andik. 2021. Penggunaan Citra Landsat 8 Untuk Memetakan Luas Sebaran Hutan Mangrove Di Segara Anakan, Cilacap, Jawa Tengah Andik Isdianto, Oktiyas. *JFMR-Journal of Fisheries and Marine Research*, 5(2).

Ismail, Sulistiono, Hariyadi, S., and Madduppa, H. 2018. Condition and mangrove density in Segara Anakan, Cilacap Regency, Central Java Province, Indonesia. *AACL Bioflux*, 11(4), 1055–1068.

Jambeck, J., Geyer, R., Wilcox, C., Siegler, T. R., Perryman, M., Andrade, A., Narayan, R., and Law, K. L. (2015). the Ocean : the Ocean : Marine Pollution, 347(6223), 768-.

Kahar, M. G., Schaduw, J. N., Rumampuk, N. D. C., Pelle, W. E., Sondakh, C., and Pangemanan, J. F. 2020. Identifikasi Sampah Anorganik Pada Ekosistem Mangrove Desa Talawaan Bajo Kecamatan Wori Kabupaten Minahasa Utara. *Jurnal Pesisir Dan Laut Tropis*, 8(1), 1.

Kanthalajaran, G., Pandey, P., Krishnan, P., Bharti, V., and Deepak Samuel, V. 2018. Plastics: A menace to the mangrove ecosystems of megacity Mumbai, India. *ISME/GLOMIS Electronic Journal* , 16(1), 1–5.

Karimah. 2017. Peran Ekosistem Hutan Mangrove Sebagai Habitat Untuk Organisme Laut. *Jurnal Biologi Tropis*, 17(2), 51.

KLHK. 2020. Pedoman Pemantauan Sampah Laut.

Koly, F. V. L., Waskita, A. M., Plaimo, P. E., and Aryawan, I. M. D. J. 2021. Marine litter composition and density in Alor Island. *AIP Conference Proceedings*, 2349(June).

Krauss, K. W., and Friess, D. A. 2011. World Atlas of Mangroves. *Wetlands*, 31(5), 1003–1005.

- Law, K. L. 2017. Plastics in the Marine Environment. *Annual Review of Marine Science*, 9(1), 205–229.
- Lebreton, L. C. M., Van Der Zwet, J., Damsteeg, J. W., Slat, B., Andrady, A., and Reisser, J. 2017. River plastic emissions to the world's oceans. *Nature Communications*, 8, 1–10.
- Li, P., Wang, X., Su, M., Zou, X., Duan, L., and Zhang, H. 2021. Characteristics of Plastic Pollution in the Environment: A Review. *Bulletin of Environmental Contamination and Toxicology*, 107(4), 577–584.
- Lippiatt, S., Opfer, S., and Arthur, C. 2013. Marine debris monitoring and assessment. NOAA Technical Memorandum, NOS-ORandR-46, 88. http://marinedebris.noaa.gov/sites/default/files/Lippiatt_et_al_2013.pdf
- McLeod, E., Chmura, G. L., Bouillon, S., Salm, R., Björk, M., Duarte, C. M., Lovelock, C. E., Schlesinger, W. H., and Silliman, B. R. 2011. A Blueprint For Blue Carbon: Toward An Improved Understanding Of The Role Of Vegetated Coastal Habitats In Sequestering CO₂. *Frontiers in Ecology and the Environment*, 9(10), 552–560.
- Ningsih, N. W., Putra, A., Anggara, M. R., and Suriadin, H. 2020. Identifikasi Sampah Laut Berdasarkan Jenis dan Massa di Perairan Pulau Lae-Lae Kota Makassar. *Jurnal Pengelolaan Perikanan Tropis*, 4(2), 10–18.
- NOAA Marine Debris Program. 2016. Habitat: Marine Debris Impacts on Coastal and Benthic Habitats. Silver Spring, MD: National Oceanic and Atmospheric Administration Marine Debris Program.
- Norris, B. K., Mullarney, J. C., Bryan, K. R., and Henderson, S. M. 2017. The effect of pneumatophore density on turbulence: A field study in a Sonneratia-dominated mangrove forest, Vietnam. *Continental Shelf Research*, 147, 114–127.
- Pane, L. R., Pelle, W. E., Undap, S. J., Rumampuk, N. D., Warouw, V., Mamuaja, J. M., and Lasut, M. T. 2020. Jenis, komposisi, dan kepadatan sampah laut di Teluk Manado, Sulawesi Utara, pada musim hujan (Type, composition, and density of marine litter in Manado Bay during rainy season). *Aquatic Science and Management*, 8(1), 1.
- Patterson Edward, J. K., Mathews, G., Raj, K. D., Laju, R. L., Bharath, M. S., Kumar, P. D., Arasamuthu, A., and Grimsditch, G. 2020. Marine debris – An emerging threat to the reef areas of Gulf of Mannar, India. *Marine Pollution Bulletin*, 151(November), 110793.
- Paulus, C. A., Soewarlan, L. C., and Ayubi, A. A. 2020. Distribution of marine debris in mangrove ecotourism area in Kupang, East Nusa Tenggara,

- Indonesia. AACL Bioflux, **13**(5), 2897–2909.
- PNUMA. 2009. Marine Litter : A Global Challenge Marine Litter : A Global Challenge. In UneP 2009.
- Rahim, S., Widayati, W., Analuddin, K., Saleh, F., Alfirman, and Sahar, S. 2020. Spatial Distribution of Marine Debris Pollution in Mangrove-Estuaries Ecosystem of Kendari Bay. IOP Conference Series: Earth and Environmental Science, **412**(1).
- Ramadhanty, N. R., Widodo, Rudiyanto, Suharti, R., Irawan, H., Maulita, M., Aini, S., Putra, A., Kristijarso, and Arisandi, P. 2021. Spatial distribution of marine debris in Jakarta ' s bay waters and the Seribu Islands with maritime security concept. American Academic Scientific Research Journal for Engineering, Technology, and Sciences, **84**(1), 175–186.
- Regency, S., Loliwu, S. J., Rumampuk, N. D. C., Schaduw, J. N. W., Tilaar, S. O., Lumoindong, F., Wagey, B. T., Rondonuwu, A. B., Studi, P., Kelautan, I., Perikanan, F., Sam, U., Studi, P., Sumber, M., Perairan, D., and Perikanan, F. 2021. MANGROVE DI DESA LESAH KECAMATAN TAGULANDANG (Identification of Inorganic Waste in Mangrove Ecosystem at Lesah Village , Tagulandang. 9.
- Sadri, S. S., & Thompson, R. C. 2014. On the quantity and composition of floating plastic debris entering and leaving the Tamar Estuary, Southwest England. Marine Pollution Bulletin, **81**(1), 55–60.
- Schmidt, C., Krauth, T., and Wagner, S. 2017. Export of Plastic Debris by Rivers into the Sea. Environmental Science and Technology, **51**(21), 12246–12253.
- Senoaji, G., and Hidayat, M. F. 2017. Peranan Ekosistem Mangrove Di Kota Pesisir Bengkulu Dalam Mitigasi Pemanasan Global Melalui Penyimpanan Karbon (The Role of Mangrove Ecosystem in the Coastal City of Bengkulu in Mitigating Global Warming through Carbon sequestration). Jurnal Manusia Dan Lingkungan, **23**(3), 327.
- Silmarita, S., Fauzi, M., and Sumarsih, E. 2020. Composition and Amount of Marine Debris in the Mangrove Area in Mengkapan Village, Sungai Apit District, Siak Regency, Riau Province. Asian Journal of Aquatic Sciences, **2**(1), 49–56.
- SIPSN. 2022. CAPAIAN KINERJA PENGELOLAAN SAMPAH. <Https://Sipsn.Menlhk.Go.Id>. <Https://sipsn.menlhk.go.id/sipsn/>
- Smith, S. D. A. (2012). Marine debris: A proximate threat to marine sustainability in Bootless Bay, Papua New Guinea. Marine Pollution Bulletin, **64**(9), 1880–1883.

- Song, Y. K., Hong, S. H., Jang, M., Han, G. M., Jung, S. W., and Shim, W. J. 2017. Combined Effects of UV Exposure Duration and Mechanical Abrasion on Microplastic Fragmentation by Polymer Type. *Environmental Science and Technology*, **51**(8), 4368–4376.
- Susanto, I., and Rahardyan, B. 2016. Analisis Penerimaan Retribusi Sampah oleh Masyarakat dalam Upaya Peningkatan Pelayanan Pengelolaan Persampahan di Kota Bandung Bagian Timur. *Jurnal Perencanaan Wilayah Dan Kota*, **27**(3), 219. 12
- Suyadi, and Manullang, C. Y. 2020. Distribution of plastic debris pollution and it is implications on mangrove vegetation. *Marine Pollution Bulletin*, **160**(September), 111642.
- Syakti, A. D., Bouhroum, R., Hidayati, N. V., Koenawan, C. J., Boulkamh, A., Sulistyo, I., Lebarillier, S., Akhlus, S., Doumenq, P., and Wong-Wah-Chung, P. 2017. Beach macro-litter monitoring and floating microplastik in a coastal area of Indonesia. *Marine Pollution Bulletin*, **122**(1), 217–225.
- Thiel, M., Luna-Jorquera, G., álvarez-Varas, R., Gallardo, C., Hinojosa, I. A., Luna, N., Miranda-Urbina, D., Morales, N., Ory, N., Pacheco, A. S., Portflitt-Toro, M., and Zavalaga, C. 2018. Impacts of marine plastic pollution from continental coasts to subtropical gyres-fish, seabirds, and other vertebrates in the SE Pacific. *Frontiers in Marine Science*, **5**(July), 1–16.
- Thompson, R. C., La Belle, B. E., Bouwman, H., and Neretin, L. 2011. Marine Debris as a Global Environmental Problem. Rapport de STAP (Scientific and Technical Advisory Panel), November, 40.
- Tramoy, R., Gasperi, J., Colasse, L., and Tassin, B. 2020. Transfer dynamic of macroplastics in estuaries – New insights from the Seine estuary: Part 1. Long term dynamic based on date-prints on stranded debris. *Marine Pollution Bulletin*, **152**(January), 110894.
- Van Cauwenberghe, L., Claessens, M., Vandegehuchte, M. B., Mees, J., and Janssen, C. R. 2013. Assessment of marine debris on the Belgian Continental Shelf. *Marine Pollution Bulletin*, **73**(1), 161–169.
- Van Emmerik, T., Loozen, M., Van Oeveren, K., Buschman, F., and Prinsen, G. 2019. Riverine plastik emission from Jakarta into the ocean. *Environmental Research Letters*, **14**(8).
- Vincent, A. E. S., and Hoellein, T. J. 2017. Anthropogenic Litter Abundance and Accumulation Rates Point to Seasonal Litter Sources on a Great Lakes Beach. *Journal of Contemporary Water Research and Education*, **160**(1), 72–84.

- Wilcox, C., Van Sebille, E., Hardesty, B. D., and Estes, J. A. 2015. Threat Of Plastic Pollution To Seabirds Is Global, Pervasive, And Increasing. *Proceedings Of The National Academy Of Sciences Of The United States Of America*, **112**(38), 11899–11904.
- Windsor, F. M., Durance, I., Horton, A. A., Thompson, R. C., Tyler, C. R., and Ormerod, S. J. 2019. A Catchment-Scale Perspective Of Plastic Pollution. *Global Change Biology*, **25**(4), 1207–1221.
- Yao, W., Di, D., Wang, Z., Liao, Z., Huang, H., Mei, K., Dahlgren, R. A., Zhang, M., and Shang, X. 2019. Micro- And Macroplastik Accumulation In A Newly Formed Spartina Alterniflora Colonized Estuarine Saltmarsh In Southeast China. *Marine Pollution Bulletin*, **149**(October).
- Yoswaty, D., Amin, B., Nursyirwani, Diharmi, A., Wibowo, M. A., and Hendrizal, A. 2021. Analysis Of Marine Debris And Mangrove Forest Density In Purnama Village, Dumai City, Riau Province. *IOP Conference Series: Earth and Environmental Science*, **919**(1), 0–12.
- Zhukov, A. 2017. The distribution , abundance and characteristics of plastic debris along the Coast of Gr â ndola , Portugal. *Bachelor's Thesis in Natural Resources Degree Programme in Sustainable Coastal Management Raseborg 2017*, 1–64.
- Ziajahromi, S., Peta A., N., Rintoul, L., and Leusch, F. D. L. 2017. Identification And Quantification Of Microplastics In Wastewater Treatment Plant Effluent : Investigation Of The Fate And Biological Effects. *Water Research*, **112**(January), 107.