

DAFTAR PUSTAKA

- Abreo, Neil Angelo & Siblos, Stefenie Katrin & Macusi, Edison. (2020). Anthropogenic Marine Debris (AMD) in Mangrove Forests of Pujada Bay, Davao Oriental, Philippines. *Journal of Marine and Island Cultures*. 9. 10.21463/jmic.2020.09.1.03.
- Adyasari, D., Pratama, M. A., Teguh, N. A., Sabdaningsih, A., Kusumaningtyas, M. A., & Dimova, N. (2021). Anthropogenic impact on Indonesian coastal water and ecosystems: Current status and future opportunities. *Marine Pollution Bulletin*, 171, 112689. <https://doi.org/10.1016/j.marpolbul.2021.112689>
- Ananta, R. R., Soenardjo, N., & Pramesti, R. (2020). Karakteristik Mangrove Di Muara Sungai Timur Kawasan Laguna Segara Anakan, Kabupaten Cilacap Jawa Tengah. *Journal of Marine Research*, 9(4), 416-422. <https://doi.org/10.14710/jmr.v9i4.28816>
- Alkalay, Ronen & Pasternak, Galia & Zask, Alon. (2007). Clean-coast index—A new approach for beach cleanliness assessment. *Ocean & Coastal Management*. 50. 10.1016/j.ocecoaman.2006.10.002.
- Asian Development Bank. (2016). Indonesia: Country Water Assessment. Manila. *Asian Development Bank*, Philippines.
- Badan Pusat Statistik. (2023). Kabupaten Cilacap dalam Angka Tahun 2023. *Badan Pusat Statistik*: Cilacap.
- Badan Pusat Statistik. (2024). Kabupaten Cilacap dalam Angka Tahun 2024. *Badan Pusat Statistik*: Cilacap.
- Ball, MC. (1998). Mangrove species richness in relation to salinity and waterlogging: a case study along the Adelaide River floodplain, Northern Australia. *Global Ecology and Biogeography Letter*, 7(1):73-82. <https://doi.org/10.1111/j.1466-8238.1998.00282.x>
- Barbier, E.B. (2016). The protective service of mangrove ecosystems: a review of valuation methods. *Marine Pollution Bulletin*. 109, 676-681. <https://doi.org/10.1016/j.marpolbul.2016.01.033>
- Bolívar-Anillo, H. J., Asensio-Montesinos, F., Reyes Almeida, G., Solano Llanos, N., Sánchez Moreno, H., Orozco-Sánchez, C. J., Villate Daza, D. A., Iglesias-Navas, M. A., & Anfuso, G. (2023). Litter Content of Colombian Beaches and Mangrove Forests: Results from the

- Caribbean and Pacific Coasts. *Journal of Marine Science and Engineering*, 11(2), 250.
<https://doi.org/10.3390/jmse11020250>
- Cahyaningish, A. P.; Deanova, A. K.; Pristiawati, C. M.; Ulumuddin, Y. I.; Kusumawati, L. & Setyawan, A. (2022). Review: Causes and impacts of anthropogenic activities on mangrove deforestation and degradation in Indonesia. *INTL J BONOROWO WETLANDS*. Volume 12, Number 1. P-ISSN: 2775-8052. Pages: 12-22. E-ISSN: 2775-8044. DOI: 10.13057/bonorowo/w120102.
- Chapman, V.J. (1992). Wet coastal formations of Indo Malesia and Papua-New Guinea. In Chapman, V.J. (ed.). *Ecosystems of the World 1: Wet Coastal Ecosystems*. Amsterdam: Elsevier.
- Cole, M., Lindeque, P., Halsband, C., Galloway, T.S. (2011). Microplastic as Contaminants in the marine environment: a review. *Marine Pollution Bulletin*. 62 (12), 2588-2597.
<https://doi.org/10.1016/j.marpolbul.2011.09.025>
- Corbau, C. Lazarou, A. Gazale, V. Nardin, W. Simeoni, U. Carboni, D. (2022). What can beach litter tell about local management: A comparison of five pocket beaches of the North Sardinia island (Italy). *Marine Pollution Bulletin*. 2022, 174, 113170.
<https://doi.org/10.1016/j.marpolbul.2021.113170>
- Cordova M R., Iskandar M R., Muhtadi A., Nurhasanah., Saville R., Riani E. 2022. Spatio-temporal Variation and Seasonal Dynamics of Stranded Beach Anthropogenic Debris on Indonesian Beach from The Result of Nationwide Monitoring. *Marine Pollution Bulletin* 182 – 114035. <https://doi.org/10.1016/j.marpolbul.2022.114035>
- Costa, M.F., Silva-Cavalcanti, J.S., Barbosa, C.C., Portugal, J.L., Barletta, M., (2011). Plastics buried in the inter-tidal plain of a tropical estuarine ecosystem. *J. Coast.Res.* 64, 339–343.
- Daris L., Massiseng A N A., Jaya., Wahyuti. (2023). Identifikasi Jenis mangrove berdasarkan Karakteristik Substrat di Kelurahan Borimasunggu, Kecamatan Labakkang, Kabupaten Pangkep. *Jurnal Akuakultur, Pesisir dan Pulau-Pulau Kecil Vol. 7 No. 1*: 93-100.
<https://doi.org/10.29239/j.akuatikisle.7.1.93-100>
- de Francesco MC, Carranza ML, Stanisci A (2018) Beach litter in Mediterranean coastal dunes: an insight on the Adriatic coast (central Italy). *Rend Fis Acc Lincei* 29(4):825–830. <https://doi.org/10.1007/s12210-018-0740-5>

- De K., Sautya S., Dora G. U., Gaikwad S., Katke D., Salvi A. (2023). Mangroves in the “Platicene”: High exposure of coastal mangroves to anthropogenic litter pollution along the Central-West coast of India. *Science of The Total Environmental* 858: 160071
- Djamaluddin R. (2004). The dynamics of mangrove forest in relation to dieback and human use in Bunaken National Park, North Sulawesi, Indonesia. *Doctoral thesis in the University of Queensland, Australia*. 327 p.
- Djamaluddin, Rignolda. (2018). Mangrove: Biologi, Ekologi, Rehabilitas, dan Konservasi. *Unsrat Press*.
- Duke NC., Ball MC., Ellison JC. (1998). Factor influencing biodiversity and distribution gradients in mangroves. *Global Ecology and Biogeography Letters*, 7(1):27-47. <https://doi.org/10.1111/j.1466-8238.1998.00269.x>
- Duke, N.C. (2001). Gap creation and regenerative process driving diversity and structure of mangrove ecosystems. *Wetlands Ecology and Management*, 9:257-269. DOI: 10.1023/A:1011121109886
- Duke, N.C., (2016). Oil Spill Impacts on Mangroves: Recommendations for Operational Planning and Action Based on a Global Review. *Marine Pollution Bulletin*, 109 (2):700–715. <https://doi.org/10.1016/j.marpolbul.2016.06.082>
- Ebner, Manuel., Uta Schirpke., Ulrike Tappeiner. (2022). How Do Anthropogenic Pressures Affect the Provision of Ecosystem Services of Small Mountain Lakes. *Anthropocene*. 38, 2213-3054. <https://doi.org/10.1016/j.ancene.2022.100336>
- Fagherazzi, Sergio & Bryan, Karin & Nardin, William. (2017). Buried Alive or Washed Away: The Challenging Life of Mangroves in the Mekong Delta. *Oceanography*. 30. 10.5670/oceanog.2017.313.
- Fahmi, M A F., (2014). Identifikasi Tumbuhan Mangrove di Sungai Tallo Kota Makassar Sulawesi Selatan. Fakultas Sains dan Teknologi Universitas Islam Negeri Alauddin Makassar.
- Ferreira TO, Pablo Vidal-Torrado, XL Otero, F Macías. (2007). Are mangrove forest substrates sediments or soils? A case study in southeastern Brazil. *Catena*, 7(1):79 – 91. <https://doi.org/10.1016/j.catena.2006.07.006>

- Fridley, J.D. (2009). Downscaling climate over complex terrain: High finescale (< 1000 m) spatial variation of near-ground temperatures in a montane forested landscape (Great Smoky Mountains). *Journal of Applied Meteorology and Climatology* 48 (5): 1033–1049.
- Gao, D.W., Wen, Z.D., (2016). Phthalate esters in the environment: A critical review of their occurrence, biodegradation, and removal during wastewater treatment processes. *Sci. Total Environ.* 541, 986–1001. <https://doi.org/10.1016/j.scitotenv.2015.09.148>.
- Ginting YRS., Zaitunah A., Utomo B. (2015). Analisis Tingkat Kerusakan Hutan Mangrove Berdasarkan NDVI dan Kriteria Baku di Kawasan Hutan Kecamatan Percut Sei Tuan Kabupaten Deli Serdang. *Peronema Forestry Science Journal*
- Haryono, Narni, S. (2004). Karakteristik Pasang Surut Laut di Pulau Jawa. *Forum Teknik*, 28(1). 1-5.
- Hudoyo, F., Widada, S., Maslukah, L., Rochaddi, B., Wirasatriya, A., & Adi, N. S. (2021). Studi Analisa Pasang Surut, Distribusi Air Tanah Payau dan Sedimen Serta Pengaruhnya Terhadap Pola Sebaran Mangrove Di Kepulauan Karimunjawa. *Indonesian Journal of Oceanography*, 3(4), 409-418. <https://doi.org/10.14710/ijoce.v3i4.12916>
- Isnain MN, Mutaqin BW (2023) Geomorphological and hydro-oceanographic analysis related to the characteristics of marine debris on the south coast of Yogyakarta – Indonesia. *Rend Fis Acc Lincei* 34(1):227–239. <https://doi.org/10.1007/s12210-022-01125-1>
- Ivar do Sul, J. A., & Costa, M. F. (2014). The present and future of microplastic pollution in the marine environment. *Environmental pollution (Barking, Essex : 1987)*, 185, 352–364. <https://doi.org/10.1016/j.envpol.2013.10.036>
- Jambeck, J. R., Geyer, R., Wilcox, C., Siegler, T. R., Perryman, M., Andrady, A., ... & Law, K. L. (2015). Plastic waste inputs from land into the ocean. *Science*, 347(6223), 768-771. <https://doi.org/10.1126/science.1260879>
- Kandasamy, Kathiresan & Bingham, Brian. (2001). Biology of Mangroves and Mangrove Ecosystems. *Advances in Marine Biology*. 40. 81-251. [https://doi.org/10.1016/S0065-2881\(01\)40003-4](https://doi.org/10.1016/S0065-2881(01)40003-4).
- Karimah. (2017). Peran Ekosistem Hutan Mangrove Sebagai Habitat Untuk Organisme Laut. *Jurnal Biologi Tropis*. Volume 17 (2).
- Kemenko Bidang Kemaritiman dan Investasi. Executive Summary Indonesia's Plan of Action on Marine Plastic Debris 2017 – 2025.

- Kementerian Lingkungan Hidup dan Kehutanan. (2021). Peta Mangrove Nasional.
- Keputusan Menteri Negara Lingkungan Hidup No 51. (2004). Tentang Baku Mutu Air Laut.
- Kresnasari, D. & Gitarama A.M. (2021). Struktur an Komposisi Vegetasi Mangrove Di Kawasan Laguna Segara Anakan Cilacap. *Jurnal Bioterdidik: Wahana Ekspresi Ilmiah*. Vol. 9 No. 3, 18-32. <https://doi.org/10.23960/jbt.v9.i3.301203>
- Kusmana, C., S. Wilarso, I. Hilman, P. Pamoengkas, C. Wibowo, T. Tiryana, A. Triswanto, Yunasfi, dan Hamzah. (2003). Teknik Rehabilitasi Mangrove. *Fakultas Kehutanan Institut Pertanian Bogor*. Bogor.
- Lee, C.H., Lee, J.H., Sung, C.G., Moon, S.D., Kang, S.K., Lee, J.H., Yim, U.H., Shim, W.J., dan Ha, S.Y. (2013). Monitoring Toxicity of Polycyclic Aromatic Hydrocarbons in Intertidal Sediments for Five Years After the Hebei Spirit Oil Spill in Taean, Republic of Korea. *Marine Pollution Bulletin*, 76(1–2):241–249. <https://doi.org/10.1016/j.marpolbul.2013.08.033>
- Lestaru, A., Saru, A., & Lanuru, M. (2018). Konsentrasi Bahan Organik dalam Sedimen Dasar Perairan Kaitannya dengan Kerapatan dan Penutupan Jenis Mangrove di Pulau Pannikiang Kecamatan Balusu Kabupaten Barru. *Proceeding Simposium Nasional Kelautan dan Perikanan*. 25–36.
- Lippiatt, S., Opfer, S., and Arthur, C. (2013). Marine Debris Monitoring and Assessment. *NOAA Technical Memorandum NOS-OR&R-46*.
- Luo, Y. Y., Not, C., & Cannicci, S. (2021). Mangroves as unique but understudied traps for anthropogenic marine debris: a review of present information and the way forward. *Environmental Pollution*, 271, 116291. <https://doi.org/10.1016/j.envpol.2020.116291>
- Mallik, A., Xavier, K. M., Naidu, B. C., & Nayak, B. B. (2021). Ecotoxicological and physiological risks of microplastics on fish and their possible mitigation measures. *Science of the Total Environment*, 779, 146433. <https://doi.org/10.1016/j.scitotenv.2021.146433>
- Manullang, C. Y., Lestari, Tapilatu, Y., Arifin, Z. (2017). Assessment of Fe, Cu, Zn, Pb, Cd and Hg in Ambon Bay Surface Sediments. *Marine Research Indonesia* 42 (2), 83 – 92. <https://doi.org/10.14203/mri.v42i2.170>
- Martin, C., Almahasheer, H., Duarte, C.M. (2019). Mangrove Forest as Traps for Marine Litter. *Environmental Pollution*. 247, 499-508. <https://doi.org/10.1016/j.envpol.2019.01.067>

- Masruroh, Lulok., Insafitri. (2020). Pengaruh Jenis Substrat terhadap Kerapatan Vegetasi *Avicennia marina* di Kabupaten Gresik. *Juvenil* (1), No 2. <https://doi.org/10.21107/juvenil.v1i2.7569>
- Matatula, J., Poedjirahajoe, E., Pudyatmoko, S., dan Sadono, R. (2019). Keragaman Kondisi Salinitas Pada Lingkungan Tempat Tumbuh Mangrove di Teluk Kupang, NTT, 17(3), 425-434.
- Medellu, Christophil., Ratag, Samuel P., (2017). Metode Penelitian Iklim Mikro Mangrove. Unima Press.
- Moore, C. J. (2008). Synthetic polymers in the marine environment: a rapidly increasing, long-term threat. *Environmental research*, 108(2), 131-139. <https://doi.org/10.1016/j.envres.2008.07.025>
- Muarif., Damar A., Hariyadi., dkk. (2016). Tingkat Kepekaan Mangrove Indonesia terhadap Tumpahan Minyak. *Jurnal Manusia dan Lingkungan*, Vol.23 No, 3 (374-380). <https://doi.org/10.22146/jml.22476>
- Mutaqin, Bachtiar & Laksmi Ningsih, Renny. (2023). Tidal Characteristics in the Southern Waters of Java -Indonesia. *JURNAL GEOGRAFI*. 15. 154-164. 10.24114/jg.v15i2.45017.
- Nurdiansah, Doni & Dharmawan, I Wayan. (2021). Struktur Komunitas dan Kondisi Kesehatan Mangrove di Pulau Middleburg-Miossu, Papua Barat Community Structure and Healthiness of Mangrove In Middleburg-Miossu Island, West Papua. *Jurnal Ilmu dan Teknologi Kelautan Tropis*. 13. 81-96. 10.29244/jitkt.v13i1.34484.
- Nybakken, J.W. (1993). *Marine Biology, An Ecological Approach*. 3rd edition. New York: Harper Collins College Publishers.
- Nybakken, J.W., (1997). *Marine Biology: An Ecological Approach*, fourth ed. Addison Wesley Longman, Inc., Menlo Park, California.
- Pangesti, TP., Nurani TW., Wiyono ES. (2012). Evaluasi Luasan Kawasan Mangrove untuk Mendukung Perikanan Udang di Kabupaten Cilacap Provinsi Jawa Tengah. *Marine Fisheries*. Vol 3 No.1 Hal: 35 – 43. <https://doi.org/10.29244/jmf.3.1.35-43>
- Panitia Ad Hoc Intrusi Air Asin Jakarta (PAHIAA-Jakarta). (1986). *Klasifikasi Keasinan Perairan: Jakarta*.

- Paulus, C. A., Soewarlan, L. C. & Ayubi, A. A. (2020). Distribution of Marine Debris in Mangrove Ecotourism Area in Kupang, East Nusa Tenggara, Indonesia. *AACL Bioflux*, 13(5), 2897–2909.
- Pawar PR, Shirgaonkar SS, Patil RB (2016) Plastic marine debris: sources, distribution and impacts on coastal and ocean biodiversity. *PENCIL Publ Biol Sci* 3(1):40–54
- Peraturan Daerah Kabupaten Cilacap Nomor 1 Tahun 2021 tentang Perubahan atas Peraturan Daerah Kabupaten Cilacap Nomor 9 Tahun 2011 tentang Rencana Tata Ruang Wilayah Kabupaten Cilacap Tahun 2011-2031.
- Peraturan Presiden No.83 Tahun 2018 tentang Penanganan Sampah Laut
- PLTU Jateng 2 Adipala. (2023). Pengelolaan dan Pemantauan Keanekaragaman Hayati. PT Indonesia Power.
- Poluan, T. I. A., Sangari, J. R. R., Tilaar, F. F., Lumingas, L. J. L., Pelle, W. E., & Lasabuda, R. (2023). Identification Of Marine Debris By Focusing The Study Of Clean Coast Index On Karang Ria Tuminting Beach. *Jurnal Ilmiah PLATAX*, 11(1), 95–104.
<https://doi.org/10.35800/jip.v11i1.44018>
- Prevenious. M., Zeri, C., Tsangaris, C., Libuartseva, S., Fakiris, E., Papatheodorou, G. (2018). Beach Litter Dynamics on Mediterranean Coast: Distinguishing Sources and Pathways. *Marine Pollution Bulletin*. 129 (2). 4480-457.
<https://doi.org/10.1016/j.marpolbul.2017.10.013>
- Purwoko, P. F., Wulandari, A. A., Benariva, A. P., Tiara, A., Sabiel, M. Q. T., Risaandi, R., Jannati, A., Nugraha, A., Noriko, N., Priambodo, T. W. (2015). Ketahanan Vegetasi Wilayah Mangrove Suaka Margasatwa Muara Angke, DKI Jakarta terhadap Sampah dari Aliran Sungai. Prosiding. *Seminar Nasional PBI Fakultas Sains dan Teknologi. Universitas Al-Azhar Indonesia*, Jakarta. 8 hal.
- Rahayu, Asri & Samadi, Samadi. (2022). Prancis Sebagai Negara Industri Terbersih dan India sebagai Negara Penyumbang Sampah Tertinggi di Dunia.
- Rahim, S., Widayati, W., Analuddin, K., Saleh, F., Alfirman, 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), 0–8. <https://doi.org/10.1088/1755-1315/412/1/012006>.

- Rangel-Buitrago, Nelson & Vergara, Hernán & Barriá-Herrera, José & Contreras, Manuel & Agredano, Roberto. (2019). Marine debris occurrence along Las Salinas beach, Viña Del Mar (Chile): Magnitudes, impacts and management. *Ocean & Coastal Management*. 178. 104842. <https://doi.org/10.1016/j.ocecoaman.2019.104842>.
- Renwarin, A. Rogi, O. A. Sela, R. L. E. (2002). Studi Identifikasi Sistem Pengolahan Sampah Permukiman di Wilayah Pesisir Kota Manado. *Universitas Sam Ratulangi*. Menado. <https://doi.org/10.35793/sp.v2i3.9675>
- Riani, E., Cordova, M. R., & Arifin, Z. (2018). Heavy metal pollution and its relation to the malformation of green mussels cultured in Muara Kamal waters, Jakarta Bay, Indonesia. *Marine Pollution Bulletin*, 133, 664-670. <https://doi.org/10.1016/j.marpolbul.2018.06.029>
- Rusila Noor, Y., M. Khazali, dan I N.N. Suryadiputra. (1999). Panduan Pengenalan Mangrove di Indonesia. PHKA/WI-IP, Bogor.
- Ryan, P., (2013). A Simple technique for Counting Marine Debris at sea reveals steep litter gradients between the Straits of Malacca and the Bay of Bengal. *Mar. Pollut. Bull.* 69 (128 – 126).
- Salazar JA, Gonza'lez R, Navarrete AL, Calle P, Alava JJ and Dom'inguez GA (2022) A temporal assessment of anthropogenic marine debris on sandy beaches from Ecuador's southern coast. *Front. Mar. Sci.* 9:977650. doi: 10.3389/fmars.2022.977650
- Santi, Belinda, S., Rianty, H., & Aspin. (2019). Identifikasi Iklim Mikro dan Kenyaman Termal Ruang Terbuka Hijau di Kendari. *NALARs*, 18(1), 23–34. <https://doi.org/10.24853/nalars.18.1.23-34>
- Sasaki, Y. and H. Sunarto. (1994). Mangrove forest of Segara Anakan lagoon. In Takashima, F. and K. Soewardi (eds.) *Ecological Assessment for Management Planning of Segara Anakan Lagoon, Cilacap, Central Java*. Tokyo: NODAI Center for International Program, Tokyo University of Agriculture and JSPS-DGHE Program. <https://doi.org/10.1088/1755-1315/1147/1/012004>
- Scholander, P.F., Van Dam, L., Scholander, S.I., (1955). Gas exchange in the roots of mangroves. *Am. J. Bot.* 42 (1), 92–98.
- Seeruttun, Linisha & Raghbor, Phanesh & Appadoo, Chandani. (2022). First assessment of the blue carbon storage of *Rhizophora* and *Bruguiera* mangrove stands on the island of Mauritius

- (western Indian Ocean). *Southern Forests: A Journal of Forest Science*. 84. 70-74.
<https://doi.org/10.2989/20702620.2022.2037399>
- Setyawan, dkk. (2004). Tumbuhan Mangrove di Pesisir Jawa Tengah: 1. Keanekaragaman Jenis. Universitas Sebelas Maret Surakarta: Kelompok Kerja Biodiversitas Jurusan Biologi FMIPA. *Biodiversitas* Vol. 6: 90-94.
- Shepard FP. 1954. Nomenclature based on sand-silt-clay ratios. *J. Sediment Petrol.* 24: 151-158
- Sundra, IK. (2016) *Pengelolaan Hutan Mangrove Kawasan Taman Hutan Raya (TAHURA) Ngurah Rai Propinsi Bali*.
- Suyadi, Manullang CY (2020) Distribution of plastic debris pollution and its implications on mangrove vegetation. *Mar Pollut Bull* 160:111642. <https://doi.org/10.1016/j.marpolbul.2020.111642>
- Syakti, A. D., Demelas, C., Hidayati, N. V., Rakasiwi, G., Vassalo, L., Kumar, N., ... & Doumenq, P. (2015). Heavy metal concentrations in natural and human-impacted sediments of Segara Anakan Lagoon, Indonesia. *Environmental monitoring and assessment*, 187, 1-15.
<https://doi.org/10.1007/s10661-014-4079-9>
- Taillardat, P., Friess D. A., Lipascu, M. (2018). Mangrove blue carbon strategies for climate change mitigation are most effective at the national scale. *Biol. Lett.* 14.
<https://doi.org/10.1098/rsbl.2018.0251>
- Thom BG. (1982). Mangrove ecology - a geomorphological perspective. Dalam: Clough, B.F. (Ed.). 'Mangrove ecosystem in Australia: Structure, Function and Management', hal. 3-17. AIMS with ANU Press, Canberra, Australia. <http://hdl.handle.net/1885/115032>
- Tumangger B. S., Fitriani. (2019). Identifikasi dan Karakteristik Jenis Akar Mangrove Berdasarkan Kondisi Tanah dan Salinitas Air Laut di Kuala Langsa. *Jurnal Biologica Samudra* 1 (1): 009-016.
- Turlure, C., J. Choutt, M. Baguette, and H. Van Dyck. (2010). Microclimatic buffering and resource-based habitat in a glacial relict butterfly: Significance for conservation under climate change. *Global Change Biology* 16: 1883–1893.
- UNEP's Regional Seas Programme. (2005). Marine Litter: An Analytical Overview. UNEP
- van Bijsterveldt, C. E. J., van Wesenbeeck, B. K., Ramadhani, S., Raven, O. V., van Gool, F. E., Pribadi, R., & Bouma, T. J. (2021). Does plastic waste kill mangroves? A field experiment to assess the impact of macro plastics on mangrove growth, stress response and survival. *The*

Science of the total environment, 756, 143826.

<https://doi.org/10.1016/j.scitotenv.2020.143826>

- Veiga JM, Fleet D, Kinsey S, Nilsson P, Vlachogianni T, Werner S, Galgani F, Thompson RC, Dagevos J, Gago J, Sobral P, Cronin R (2016) JRC Technical Report - Identifying Sources of Marine Litter. <https://doi.org/10.2788/018068>
- Vélez-Mendoza, Anubis. (2022). Marine litter in mangroves: composition, magnitude, and impacts. *Boletín de Ciencias de la Tierra*, (51), 50-60. Epub February 20, 2023.
- Wahid, Naufal & Mutaqin, Bachtiar. (2024). Tidal fluctuation effect on marine debris characteristics in the Kulon Progo beaches of Yogyakarta, Indonesia. *Journal of Coastal Conservation*. 28. 10.1007/s11852-024-01036-3.
- White, A.T., P. Martosubroto & M.S.M. Sadorra. Editor. 1989. The Coastal Environmental Profile of Segara Anakan-Cilacap, South Java, Indonesia. ICLARM Technical Reports 25, 82 hal. International Center for Living Aquatic Resources Management, Manila, Philippines.
- Wright, E.L., Black, C.R., Cheesman, A.W., Turner, B.L., Sjögersten, S., (2013). Impact of simulated changes in water table depth on ex situ decomposition of leaf litter from a neotropical peatland. *Wetlands* 33 (2), 217–226. <https://doi.org/10.1007/s13157-012-0369-6>
- Yining Chen, Luzhen Chen, Ziyang Zhang, Tinglu Cai, Tidal creeks mediate micro-climate within artificial mangroves at their northmost boundary in China, *Ecological Engineering*, Volume 192, 2023, 106970, ISSN 0925-8574, <https://doi.org/10.1016/j.ecoleng.2023.106970> .
- Yulianda, F., Yusuf, M. S., & Prayogo, W. (2013). Zonasi dan kepadatan komunitas intertidal di daerah pasang surut, pesisir Batuhijau, Sumbawa. *Jurnal Ilmu dan Teknologi Kelautan Tropis*, 5(2), 409-416.