



DAFTAR PUSTAKA

- Arifanti, V. B., Novita, N., Subrano, S., & Tosiani, A. 2021. Mangrove deforestation and CO₂ emissions in Indonesia. *IOP Conference Series: Earth and Environmental Science*, 874. doi:10.1088/1755-1315/874/1/012006.
- Asadi, M. A., Sukandar, S., Luthfi, O. M., Handayani, M., Dewi, C. S. U., Saputra, D. K., & Rahmandika, M. R. A. 2019. Mangrove forest inventory and estimation of Carbon Storage in Poteran Island, East Java, Indonesia. *Journal of Biodiversity and Environmental Sciences*, 14(3): 9-16.
- Asnaenie, A., Lahjie, A. M., Simarangkir, B. D. A. S., & Ruslim, Y. 2019. Kajian Pertumbuhan Restorasi Mangrove pada Kawasan Taman Nasional Kutai Kalimantan Timur. *Jurnal AGRIFOR*, 18(2): 207-216.
- Basyuni, M., Nuryawan, A., Yunasfi, Putri, L. A. P., & Baba, S. 2018. Effect of long-term salinity on the growth and biomass of two non-secretors mangrove plants Rhizophora apiculata and Ceriops tagal. *IOP Conference Series: Earth and Environmental Science*, 122, 012042.
- Campbell, S., Greenwood, M., Prior, S., Shearer, K., Young, S., Bywaters, D., & Walker, K. 2020. Purposive sampling: complex or simple? Research case examples. *Journal of Research in Nursing*, 0(0): 1-10.
- Chasani, A. R., & Suyono, E. A. 2020. Comparison of structure and composition of seaweeds population in Porok and Greweng Coasts, Gunung Kidul, Indonesia. *The 6th International Conference on Biological Science ICBS 2019*. doi.org/10.1063/5.0016133.
- Chayaningsih, A. P., Deanova, A. K., Prastiawati, C. M., ... & Setyawan, A. D. 2022. Review: Causes and impacts of anthropogenic activities on mangrove deforestation and degradation in Indonesia. *Intl J Bonorowo Wetlands*, 12(1): 12-22.
- Chen, Y., & Ye, Y. 2014. Effects of salinity and nutrient addition on mangrove *Excoecaria agallocha*. *PLoS One*, 9(4). doi: 10.1371/journal.pone.0093337.



- Cheng, H., Inyang, A., Li, C.-D., Fei, J., Zhou, Y.-W., & Wang, Y.-S. 2020. Salt tolerance and exclusion in the mangrove plant *Avicennia marina* in relation to root apoplastic barriers. *Ecotoxicology*.
- Damayanto, I. P. G. P., Rahmawati, K., Nurdiansah, D., ... & Mirmanto, E. 2023. A taxonomic revision of the small mangrove genus *Campstostemon* (Malvaceae). *Plant and Fungal Systematics*, 68(1), pp.207-222.
- De Jong, S. M., Shen, Y., de Vries, J., Bijnaar, G., van Maanen, B., Augustinus, P., & Verweij, P. 2021. Mapping mangrove dynamics and colonization patterns at the Suriname coast using historic satellite data and the LandTrendr algorithm. *International Journal of Applied Earth Observation and Geoinformation*, 97. doi: 10.1016/j.jag.2020.102293.
- Dharmawan, I. W. E., Suyarso., Ulumuddin, Y. I., Prayudha, B. & Pramudji. 2020. *Panduan Monitoring Struktur Komunitas Mangrove di Indonesia*. Bogor: PT Media Sains Nasional.
- Dittmann, S., Mosley, L., Stangoulis J., ... & McGrath, A. 2022. Effects of Extreme Salinity Stress on a Temperate Mangrove Ecosystem. *Frontiers in Forests and Global Change*, 5. DOI=10.3389/ffgc.2022.859283.
- Djamaluddin, R. 2018. *Mangrove: Biologi, Ekologi, Rehabilitasi, dan Konservasi*. Manado: Unsrat Press.
- Duke, N., K. Kathiresan, S.G., Salmo III, Fernando, E. S., ... & V. Ngoc Nam. 2010c. *Campstostemon philippinense*. The IUCN Red List of Threatened Species. Version 2014.1
- Edwin, M., Sulistyorini, I. S., Poedjirahajoe, E., Faida, L. R. W., Purwanto, R. H., & Imanuddin, I. 2021. Structure and Dominance of Species in Mangrove Forest on Kutai National Park, East Kalimantan, Indonesia. *Jurnal Manajemen Hutan Tropika*, 27(1): 59-68.
- Farhaeni, M. 2015. Komodifikasi Ragam Buah Mangrove untuk Pemberdayaan Masyarakat Pesisir di Desa Tuban, Kecamatan Kuta, Kabupaten Badung Bali. *Jurnal Studi Kultural*, 1(1): 21-27.
- Frananda, H., Hartono, & Jatmiko, R. H. 2015. Komparasi Indeks Vegetasi Untuk Estimasi Stok Karbon Hutan Mangrove Kawasan Segoro Anakan Taman Nasional Alas Purwo Banyuwangi, Jawa Timur. *Majalah Ilmiah*



Globe 17: 113-123.

- Gastaldo RA. 2010. Peat or no peat: Why do the Rajang dan Mahakam Deltas differ?. *International Journal of Coal Geology*. 83:162–172.
- Giesen, W., Wulffrat S., Zieren, M., & Scholten, L. 2007. *MANGROVE GUIDEBOOK FOR SOUTHEAST ASIA*. FAO and Wetlands International, Bangkok.
- Goutham-Bharathi, M. P., Roy, S. D., Krishnan, P., Kaliyamoorthy, M., & Immanuel, T. 2014. Species diversity and distribution of mangroves in Andaman and Nicobar Islands, India. *Botanica Marina*, 57(6).
- Hadi, A. M., Irawati, M., & Suhadi, S. 2016. Karakteristik Morfo-Anatom Struktur Vegetatif Spesies Rhizophora Apiculata (Rhizophoraceae). *Jurnal Pendidikan UM*, 1 (9): 1688-1692.
- Henri, H., Syafa'ati, R., & Randiansyah, R. 2022. Species composition and vegetation structure of mangrove forest in Baskara Bakti Village, Central Bangka Regency, Bangka Belitung. *IOP Conf. Ser.: Earth Environ. Sci.*, 1108(012004).
- Irawan, A., Chikmawati, T., & Sulistijorini. 2021. Diversity and zonation of mangrove flora in Belitung Island, Indonesia. *BIODIVERSITAS*, 22(5): 2981-2992.
- Irma, W., Atmaja, A. T., & Marfa'I, M. A. 2020. Biodiversitas Vegetasi Mangrove di Kecamatan Concong Kabupaten Indragiri Hilir Provinsi Riau. *Majalah Ilmiah Biologi Biosfera: A Scientific Journal*, 37(2): 85-90.
- ITIS. 2022. Retrieved [Desember, Tuesday, 2022], from the Integrated Taxonomic Information System (ITIS) on-line database, (<http://www.itis.gov>).
- IUCN. 2022. The IUCN Red List of Threatened Species. Version 2022-2. <https://www.iucnredlist.org>. Diakses pada [14 Oktober 2023].
- Kadarsah, A., Salim, D., Husain, S., & Dinata, M. 2020. Species density and lead (Pb) pollution in mangrove ecosystems, South Kalimantan. *Jurnal Biodjati*, 5 (1): 70-81.
- Kathiresan, K. 1995. Rhizophora annamalayana: A new species of mangrove. *Environment and Ecology*, 13 (1), 240-241.



- Kathiresan, K., & Rajendran, N. 2005. Mangrove ecosystems of the Indian Ocean region. *Indian Journal of Marine Sciences*, 34, 104-113.
- Kusmana, C. 2011a. Management of Mangrove Ecosystem in Indonesia. *The Journal of Natural Resources and Environment Management*, 1(2): 152- 157.
- Kusmana, C. 2013b. Distribution and Current Status of Mangrove Forests in Indonesia. *Mangrove Ecosystem of Asia*, 37-60. doi:10.1007/978-1-4614- 8582-7_3.
- Kusmana, C., & Azizah, N. A. 2021c. Species Composition and Vegetation Structure of Mangrove Forest in Pulau Rambut Wildlife Reserve, Kepulauan Seribu, DKI Jakarta. *IOP Conf. Ser.: Earth Environ. Sci.*, 950(012020).
- Lahjie, A. M., Nouval, B., Lahjie, A. A., Ruslim, Y., & Kristiningrum, R. 2019. Economic valuation from direct use of mangrove forest restoration in Balikpapan Bay, East Kalimantan, Indonesia. *F1000Research*, 8(9): 1- 13. <https://doi.org/10.12688/f1000research.17012.2>.
- Mesta, P. N., Setturu, B., Chandran, S. M. D., Rajan, K. S., & Ramachandra, T. V. 2014. Inventorying, Mapping and Monitoring of Mangroves towards Sustainable Management of West Coast, India. *Journal of Remote Sensing & GIS*, 3(3): 130. doi:10.4172/2169-0049.1000130.
- Middeljans, M. 2015. The species composition of the mangrove forest along the Abatan River in Lincod, Maribojoc, Bohol, Philippines and the mangrove forest structure and its regeneration status between managed and unmanaged Nipa palm (*Nypa fruticans* Wurm). DOI: 10.13140/RG.2.1.1870.1280.
- Mukhlisi, M. & Sidiyasa, K. (2014). STRUKTUR DAN KOMPOSISI JENIS VEGETASI DI PUSAT INFORMASI MANGROVE (PIM) BERAU, KALIMANTAN TIMUR. *Indonesian Forest Rehabilitation*, 2(1): 25– 37.
- Mutaqin, D. J., Muslim, M. B., & Rahayu, N. H. (2021). Analisis Konsep Forest City dalam Rencana Pembangunan Ibu Kota Negara. *Bappenas Working Papers*, 4(1), 13-29.



- Nguyen, H. T., Stanton, D. E., Schmitz, N., Farquhar, G. D., & Ball, M. C. 2015. Growth responses of the mangrove *Avicennia marina* to salinity: development and function of shoot hydraulic systems require saline conditions. *Annals of Botany*, 115(3), 397–407.
- NASA. 2010. Mapping mangrove by satellite. [https://earthobservatory.nasa.gov/images/47427/mapping-mangroves- by- satellite](https://earthobservatory.nasa.gov/images/47427/mapping-mangroves-by- satellite). Diakses pada tanggal 13 Agustus 2022, jam 21.34
- Nguyen, H. A., Vu, H. D., & Röder, A. 2021. Estimation of Above-Ground Mangrove Biomass Using Landsat-8 Data- Derived Vegetation Indices: A Case Study in Quang Ninh Province, Vietnam. *Forest and Society*, 5(2): 506-525. <https://doi.org/10.24259/fs.v5i2.13755>
- Noor, Y., Khazali, M., & Suryadiputra, I. N. N. 1999. Panduan Pengenalan Mangrove di Indoneasia. Bogor: PHKA/WI-IP.
- Peraturan Menteri Lingkungan Hidup dan Kehutanan Republik Indonesia Nomor P. 106/MENLHK/SETJEN/KUM.1/12/2018 tentang Perubahan Kedua atas Peraturan Menteri Lingkungan Hidup dan Kehutanan Nomor P.20/MENLHK/SETJEN/KUM.1/6/2018 tentang Jenis Tumbuhan dan Satwa Dilindungi.
- Poedjirahajoe, E., Sulityorini, I. S., & Komara, L. L. 2019. Short Communication: Species diversity of mangrove in Kutai National Park, East Kalimantan, Indonesia. *BIODIVERSITAS*, 20(12):3641-3646. DOI: 10.13057/biodiv/d201224.
- Powell, N., & Osbeck, M. Approaches for Understanding and Embedding Stakeholder Realities in Mangrove Rehabilitation Processes in Southeast Asia: Lessons Learnt from Mahakam Delta, East Kalimantan. *Sustainable Development*, 18(5): 260-270. doi:10.1002/sd.477
- Pramudji, P. 2000. Hutan Mangrove di Indonesia: Peranan Permasalahan dan Pengelolaannya. *Oseana*, 25(1): 13-20.
- Puspanti, A., Gunawan, W., & Warsidi. 2015. Structure and Composition of Vegetation in Balikpapan Bay Mangrove Forest and their Implication for Conservation. *The International Conference of Indonesia Forestry Researches III*, 462-470.



- Reef, R., Feller, I. C., & Lovelock, C. E. 2010. Nutrition of mangroves. *Tree Physiology*, 30(9): 1148-1160.
- Saputra, R., & Widiansyah, A. 2022. ENVIRONMENTAL PROTECTION AND MANAGEMENT OF THE NATIONAL CAPITAL DEVELOPMENT IN THE PERSPECTIVE OF SUSTAINABLE DEVELOPMENT GOALS. *Protection: Journal of Land and Environmental Law*, 1(1): 26-36.
- Sayektiningsih, T., Ma'ruf, A., & Atmoko, T. 2012. Struktur dan Komposisi Vegetasi Hutan Mangrove di Pulau Benawa Besar, Teluk Balikpapan, Kalimantan Timur. *Seminar Hasil-Hasil Penelitian BPTKSDA*, 115-123.
- Semiun, C. G., Lengur, E. R. A., & Duhan, G. U. U. B. Insect diversity profile of mangrove ecosystem in Menipo Nature Tourism Park, East Amarasi, East Nusa Tenggara. *IOP Conference Series: Materials and Engineering*. doi:10.1088/1757-899X/823/1/012050.
- Sitepu, B. S., Chasani, A. R., Mukhlisi, M., ... & Prihatini, I. (2023). Camptostemon philippinensis, a new record of endangered mangrove species in the Balikpapan Bay, East Kalimantan, Indonesia. *F1000 Research*, 12:1394.
- Sodikin, S., Nurkholidah., & Said, M. 2021. Spatial Modeling of Deforestation In Mahakam River Delta Kutai District Ketanegara Province of East Kalimantan. *Journal of Empowerment Community and Education*, 1(3): 189-186. e-ISSN: 2774-8308.
- Warsidi, W., & Endayani, S. 2017. Komposisi Vegetasi Mangrove di Teluk Balikpapan Provinsi Kalimantan Timur. *Jurnal AGRIFOR*, 16(1): 115- 124.
- Youssef, T., & Saenger, P. 1998. Photosynthetic gas exchange and accumulation of phytotoxins in mangrove seedlings in response to soil physico-chemical characteristics associated with water logging. *Tree Physiology*, 18 (5), 317-324.