DAFTAR PUSTAKA

Ai, B., Zhang, R., Zhang, H., Ma, C., & Gu, F. (2019). Dynamic process and artificial mechanism of coastline change in the Pearl River Estuary. *Regional Studies in Marine Science*, *30*, 100715. https://doi.org/10.1016/j.rsma.2019.100715

Akram, H., Hussain, S., Mazumdar, P., Chua, K. O., Butt, T. E., & Harikrishna, J. A. (2023). Mangrove Health: A Review of Functions, Threats, and Challenges Associated with Mangrove Management Practices. *Forests*, *14*(9). https://doi.org/10.3390/f14091698

Badan Pusat Statistik Indonesia. (2025). *Indeks Harga Konsumen*. Badan Pusat Statistik Indonesia. https://www.bps.go.id/id

Bann, C. (1998). *The Economic Valuation of Mangroves: A Manual for Researchers* (1st ed., Vol. 1). The Economy and Environment Program for South East Asia (EEPSEA).

Bartlett, J. E., Kotrlik, J. W., & Higgins, C. C. (2001). Organizational Research: Determining Appropriate Sample Size in Survey Research. *Information Technology, Learning, and Performance Journal*, *19*(01), 43–50.

Bunting, P., Rosenqvist, A., Hilarides, L., Lucas, R., & Thomas, N. (2019). *Earth Observation and Ecosystems Dynamics Laboratory Global Mangrove Watch*.

Cahyaningsih, A. P., Deanova, A. K., Pristiawati, C. M., Ulumuddin, Y. I., Kusumawati, L., & Setyawan, A. D. (2022). Review: Causes and impacts of anthropogenic activities on mangrove deforestation and degradation in Indonesia. *International Journal of Bonorowo Wetlands*, *12*(1). https://doi.org/10.13057/bonorowo/w120102

Chaves, M. E. D., Picoli, M. C. A., & Sanches, I. D. (2020). Recent applications of Landsat 8/OLI and Sentinel-2/MSI for land use and land cover mapping: A systematic review. In *Remote Sensing* (Vol. 12, Issue 18). MDPI AG. https://doi.org/10.3390/rs12183062

Chen, N., Li, H., & Wang, L. (2009). A GIS-based approach for mapping direct use value of ecosystem services at a county scale: Management implications. *Ecological Economics*, *68*(11), 2768–2776. https://doi.org/10.1016/j.ecolecon.2008.12.001

Costanza, R., d'Arge, R., de Groot, R., Farber, S., Grasso, M., Hannon, B., Limburg, K., Naeem, S., O'Neill, R. V., Paruelo, J., Raskin, R. G., Sutton, P., & van den Belt, M. (1998). The value of the world's ecosystem services and

natural capital. *Ecological Economics*, *25*(1), 3–15. https://doi.org/10.1016/S0921-8009(98)00020-2

Costanza, R., de Groot, R., Sutton, P., van der Ploeg, S., Anderson, S. J., Kubiszewski, I., Farber, S., & Turner, R. K. (2014). Changes in the global value of ecosystem services. *Global Environmental Change*, *26*, 152–158. https://doi.org/10.1016/j.gloenvcha.2014.04.002

de Groot, R., Brander, L., van der Ploeg, S., Costanza, R., Bernard, F., Braat, L., Christie, M., Crossman, N., Ghermandi, A., Hein, L., Hussain, S., Kumar, P., McVittie, A., Portela, R., Rodriguez, L. C., ten Brink, P., & van Beukering, P. (2012). Global estimates of the value of ecosystems and their services in monetary units. *Ecosystem Services*, *1*(1), 50–61. https://doi.org/10.1016/j.ecoser.2012.07.005

Dinas Lingkungan Hidup dan Kehutanan Provinsi Banten. (2023). *Data Luas Kawasan Mangrove di Provinsi Banten Tahun Anggaran 2023*.

Direktorat Jenderal Pengendalian Daerah Aliran Sungai dan Rehabilitasi Hutan (Ditjen PDASRH). (2021). *Peta Mangrove Nasional 2021*.

Dovie, D. B. K., Shackleton, C. M., & Witkowski, T. F. (2002). Direct-use values of woodland resources consumed and traded in a South African village. *International Journal of Sustainable Development and World Ecology*, *9*(3), 269–283. https://doi.org/10.1080/13504500209470122

Etikan, I., & Bala, K. (2017). Sampling and Sampling Methods. *Biometrics & Biostatistics International Journal*, *5*(6), 215–217. https://doi.org/10.15406/bbij.2017.05.00149

Etikan, I., Musa, A. S., & Alkassim, R. S. (2015). Comparison of Convenience Sampling and Purposive Sampling. *American Journal of Theoretical and Applied Statistics*, *5*(1), 1–4. https://doi.org/10.11648/j.ajtas.20160501.11

Farber, S. C., Costanza, R., & Wilson, M. A. (2002). Economic and ecological concepts for valuing ecosystem services. *Ecological Economics*, *41*(3), 375–392. https://doi.org/10.1016/S0921-8009(02)00088-5

Febrianto, S., Syafina, H. A., Latifah, N., & Muskananfola, M. R. (2022). Dinamika Perubahan Luasan dan Kerapatan Ekosistem Mangrove Di Kawasan Taman Nasional Sembilang Menggunakan Citra Satelit Landsat 8. *Jurnal Kelautan Tropis*, *25*(3), 369–377. https://doi.org/10.14710/jkt.v25i3.14909

Giri, C., Ochieng, E., Tieszen, L. L., Zhu, Z., Singh, A., Loveland, T., Masek, J., & Duke, N. (2011). Status and distribution of mangrove forests of the world

using earth observation satellite data. *Global Ecology and Biogeography*, *20*(1), 154–159. https://doi.org/10.1111/j.1466-8238.2010.00584.x

Global Mangrove Watch. (2024). *Global Mangrove.* Https://Www.Globalmangrovewatch.Org/.

Hardianto, A., Dewi, P. U., Feriansyah, T., Sari, N. F. S., & Rifiana, N. S. (2021). Pemanfaatan Citra Landsat 8 Dalam Mengidentifikasi Nilai Indeks Kerapatan Vegetasi (NDVI) Tahun 2013 dan 2019 (Area Studi: Kota Bandar Lampung). *Jurnal Geosains Dan Remote Sensing*, *2*(1), 8–15. https://doi.org/10.23960/jgrs.2021.v2i1.38

Harris, D. R., & Fuller, D. Q. (2014). Agriculture: Definition and Overview. *Encyclopedia of Global Archaeology*, *1*(1), 104–113. https://doi.org/10.1007/978-1-4419-0465-2_64

Hikmawati, F. (2020). *Metodologi Penelitian* (R. Pers, Ed.; 1st ed.). Raja Grafindo.

Kauffman, J. B., & Donato, D. C. (2012). *Protocols for the measurement, monitoring and reporting of structure, biomass and carbon stocks in mangrove forests*.

Kramer, M. A. (1991). Nonlinear principal component analysis using autoassociative neural networks. *AIChE Journal*, *37*(2), 233–243. https://doi.org/10.1002/aic.690370209

Kurniati, D., & Jailani, M. S. (2023). Kajian Literatur : Referensi Kunci, State Of Art, Keterbaruan Penelitian (Novelty). *Jurnal QOSIM Jurnal Pendidikan Sosial & Humaniora*, *1*(1), 1–6. https://doi.org/10.61104/jq.v1i1.50

Kurniawan, I. N., Yuantari, R., Sulistyowatiningsih, E., Faizah, A. K., & Ningrum, V. D. A. (2020). Pengembangan dan Validasi Kuesioner untuk Menilai Miskonsepsi tentang Pengobatan pada Hipertensi dan Diabetes Melitus dengan Kejadian Gagal Ginjal. *Jurnal Sains Farmasi & Klinis*, *7*(3), 202. https://doi.org/10.25077/jsfk.7.3.202-213.2020

Kurniawansyah, A., Manessa, M. D., & Hartati, A. P. (2022). Luasan dan Kerapatan ekosistem mangrove di Kecamatan Cilamaya Wetan, Kabupaten Karawang. *Majalah Geografi Indonesia*, *37*(1), 30. https://doi.org/10.22146/mgi.75345

Lahjie, A. M., Nouval, B., Lahjie, A. A., Ruslim, Y., & Kristiningrum, R. (2019a). Economic Valuation From Direct Use Of Mangrove Forest Restoration In Balikpapan Bay, East Kalimantan, Indonesia. *F1000Research*, *8*, 9. https://doi.org/10.12688/f1000research.17012.1

Lahjie, A. M., Nouval, B., Lahjie, A. A., Ruslim, Y., & Kristiningrum, R. (2019b). Economic valuation from direct use of mangrove forest restoration in Balikpapan Bay, East Kalimantan, Indonesia. *F1000Research*, *8*, 9. https://doi.org/10.12688/f1000research.17012.1

Lai, S., Loke, L. H. L., Hilton, M. J., Bouma, T. J., & Todd, P. A. (2015). The effects of urbanisation on coastal habitats and the potential for ecological engineering: A Singapore case study. *Ocean & Coastal Management*, *103*, 78–85. https://doi.org/10.1016/j.ocecoaman.2014.11.006

Lugina, M., Indartik, I., & Aulia Pribadi, M. (2019). Economic Valuation Of Mangrove Ecosystems and Their Contribution To Household Income: Case Studies At Pemogan, Tuban, And Kutawaru Villages. *Jurnal Penelitian Sosial Dan Ekonomi Kehutanan*, *16*(3), 197–210. https://doi.org/10.20886/jpsek.2019.16.3.197-210

MAPPI, P. S. P. I. (2018). *Kode Etik Penilai Indonesia dan Standar Penilaian Indonesia Edisi VII - 2019* (VII). MAPPI.

Millennium Ecosystem Assessment Board. (2005). Ecosystems And Human Well-being: Current State And Trends. *Ecosystems And Human Well-Being: Current State And Trends*.

Mohammad Abdullah, A. N., Stacey, N., Garnett, S. T., & Myers, B. (2016). Economic dependence on mangrove forest resources for livelihoods in the Sundarbans, Bangladesh. *Forest Policy and Economics*, *64*, 15–24. https://doi.org/10.1016/j.forpol.2015.12.009

Mongabay. (2024). *Kala Hutan Mangrove Pesisir Tangerang Terbabat jadi Pemukiman Mewah*. Mongabay.Co.Id. www.mongabay.co.id

Nanulaitta, E. M., Tulalessy, A. H., & Wakano, D. (2019). Analysis of Mangroves Rapidity as One of the Ecowicate Indicators in the Alariano Beach Waters of Amahai Sub District Maluku Central District. *JURNAL HUTAN PULAU-PULAU KECIL*, *3*(2), 217–266. https://doi.org/10.30598/jhppk.2019.3.2.217

Nurdin, N., Khumaera, N. I., & Mantu, Y. H. (2021). Analysis of direct value of mangrove resources in the lantebung ecotourism area makassar city. *PAPALELE (Jurnal Penelitian Sosial Ekonomi Perikanan Dan Kelautan)*, *5*(2), 94–99. https://doi.org/10.30598/papalele.2021.5.2.94

Perdana, T. A., Suprijanto, J., Pribadi, R., Collet, C. R., & Bailly, D. (2018). Economic valuation of mangrove ecosystem: Empirical studies in Timbulsloko Village, Sayung, Demak, Indonesia. *IOP Conference Series: Earth and Environmental Science*, *139*(1). https://doi.org/10.1088/1755-1315/139/1/012035

Peterson, & Geoge, L. (1987). *Toward the measurement of total economic value* (C. S. Swanson, Ed.; 1st ed., Vol. 1). U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station.

Pindyck, R. S., & Rubinfeld, D. L. (2018). *Microeconomics* (P. Banerjee, Ed.; 9th ed., Vol. 1). Pearson Always Learning.

Pramanik, M. K. (2014). Assessment the Impact of Sea Level Rise on Mangrove Dynamics of Ganges Delta in India using Remote Sensing and GIS. *Journal of Environment and Earth Science*, *4*(21), 117–127. www.iiste.org

Putri, K. A., Arifin, W. A., & Minsaris, L. O. A. (2022). Pemanfaatan Citra Satelit Landsat 8 Untuk Memetakan Hutan Mangrove Wisata Bahari Pantai Karangantu, Teluk Banten. *Jurnal Sains Informasi Geografi*, *5*(2), 82. https://doi.org/10.31314/jsig.v5i2.1774

Rani, S. T., Yudha, I. G., Caesario, R., & Mahardika, SM. A. H. (2022). Status keberlanjutan pengelolaan ekosistem mangrove di Kabupaten Tangerang. *AQUACOASTMARINE: Journal of Aquatic and Fisheries Sciences*, *1*(1), 7–15. https://doi.org/10.32734/jafs.v1i1.8612

Ridwansyah, M. (2023). *Valuasi Ekonomi Sumber Daya Alam: Penerapan Pada Sistim Agroforestri* (1st ed.). CV. ACI Edukasi.

Saleha, A. N., Cahyadi, F. D., & Sasongko, A. S. (2023). Perubahan Lahan Mangrove di Pesisir Utara Teluk Banten. *Journal of Marine Research*, *12*(4), 727–736. https://doi.org/10.14710/jmr.v12i4.40294

Salem, M. E., & Mercer, D. E. (2012). The economic value of mangroves: A meta-analysis. *Sustainability*, *4*(3), 359–383. https://doi.org/10.3390/su4030359

Sari, I. P., & Patria, M. P. (2020). Economic Valuation of Mangrove Forest in Muara Village, Indonesia. *Atlantis Press B. V*, *10*, 222–225.

Shackleton, C. M., Shackleton, S. E., Netshiluvhi, T. R., & Mathabela, F. R. (2005). The contribution and direct-use value of livestock to rural livelihoods in the Sand River catchment, South Africa. *African Journal of Range and Forage Science*, *22*(2), 127–140. https://doi.org/10.2989/10220110509485870

Sofiana, S., Solichin, A., & Wijayanto, D. (2016). Valuasi Ekonomi Manfaat Langsung Dan Tidak Langsung Kawasan Waduk Malahayu, Kabupaten Brebes. *Management of Aquatic Resources Journal (MAQUARES)*, *5*(3), 119–126. https://doi.org/10.14710/marj.v5i3.14398

Stanley, T. D., & Jarrell, S. B. (1989). Meta-Regression Analysis: A Quantitative Method Of Literature Surveys. *Journal of Economic Surveys*, *3*, 161–170.

Sunaryo, D. K., & Iqmi, M. Z. (2015). Pemanfaatan Citra Landsat 8 Untuk Pendeteksian Dan Mengetahui Hubungan Kerapatan Vegetasi Terhadap Suhu Permukaan. *Spectra*, *13*(25), 55–72.

Sundari, U. Y., Panudju, A. T., Nugraha, A. W., Purba, F., Erlina, Y., Nurbaiti, N., Kalalinggi, S. Y., Afifah, A., Sheria, Elsandika, G., Setiawan, R. Y. S., Alfiyani, L., & Pereiz, Z. (2024). *Metodologi Penelitian* (A. Suhardi, Ed.; 1st ed.). CV. Gita Lentera. https://www.researchgate.net/publication/377847335

Turvey, C. G., & Mclaurin, M. K. (2012). Applicability of the Normalized Difference Vegetation Index (NDVI) in Index-Based Crop Insurance Design. *Weather, Climate, and Society*, *4*(4), 271–284. https://doi.org/10.1175/WCAS-D-11-00059.1

UNEC. (1996). *Valuation of tropical coastal resources : theory and application of linear programming*. United Nations Economic Commission for Latin America and the Caribbean ; International Center for Living Aquatic Resources Management.

Veettil, B. K., Ward, R. D., Quang, N. X., Trang, N. T. T., & Giang, T. H. (2019). Mangroves of Vietnam: Historical development, current state of research and future threats. *Estuarine, Coastal and Shelf Science*, *218*, 212–236. https://doi.org/10.1016/j.ecss.2018.12.021

Vo, Q. T., Kuenzer, C., Vo, Q. M., Moder, F., & Oppelt, N. (2012). Review of valuation methods for mangrove ecosystem services. *Ecological Indicators*, *23*, 431–446. https://doi.org/10.1016/j.ecolind.2012.04.022

Wang, H., Peng, Y., Wang, C., Wen, Q., Xu, J., Hu, Z., Jia, X., Zhao, X., Lian, W., Temmerman, S., Wolf, J., & Bouma, T. (2021a). Mangrove Loss and Gain in a Densely Populated Urban Estuary: Lessons From the Guangdong-Hong Kong-Macao Greater Bay Area. *Frontiers in Marine Science, 8*. https://doi.org/10.3389/fmars.2021.693450

Wang, H., Peng, Y., Wang, C., Wen, Q., Xu, J., Hu, Z., Jia, X., Zhao, X., Lian, W., Temmerman, S., Wolf, J., & Bouma, T. (2021b). Mangrove Loss and Gain in a Densely Populated Urban Estuary: Lessons From the Guangdong-Hong Kong-Macao Greater Bay Area. *Frontiers in Marine Science, 8*. https://doi.org/10.3389/fmars.2021.693450

Yamamoto, Y. (2023). Living under ecosystem degradation: Evidence from the mangrove–fishery linkage in Indonesia. *Journal of Environmental Economics and Management*, *118*, 1–23. https://doi.org/10.1016/j.jeem.2023.102788