

DAFTAR PUSTAKA

- Adrianto, L., & Kusumastanto, T. (2004). Penyusunan Rencana Pengelolaan Perikanan (Fisheries Management Plan) dan Rencana Pengelolaan Kawasan Pesisir (Coastal Management Plan). *Coastal Management Plan*.
- Ahmed, & Glaser. (2016). *Coastal aquaculture, mangrove deforestation and blue carbon emissions: Is REDD+ a solution?* (66th ed.). Marine Policy. <https://doi.org/10.1016/j.marpol.2016.01.011>
- Alongi, D. M. (2012). Carbon sequestration in mangrove forests. *Carbon Management*, 3(3), 313–322. <https://doi.org/10.4155/cmt.12.20>
- Alongi, D. M. (2014). Carbon cycling and storage in mangrove forests. *Annual Review of Marine Science*, 6, 195–219. <https://doi.org/10.1146/annurev-marine-010213-135020>
- Brady, N. C., & Weil, R. R. (2008). *The nature and properties of soils (14th ed.)*. Pearson Prentice Hall.
- Canellas., Riccardo., Alessandro., Leonardo., & L., A. (2009). Relationships Between Chemical Characteristics and Root Growth Promotion of Humic Acids Isolated From Brazilian Oxisols. *Soil Science*, 147(11), 611–620. <https://doi.org/10.1097/SS.0b013e3181bf1e03>
- Chen, Y., Senesi, N., & Schnitzer, M. (1977). Information Provided on Humic Substances by E4/E6 Ratios. *Soil Science Society of America Journal*, 41(2), 352–358. <https://doi.org/10.2136/sssaj1977.03615995004100020037x>
- Dewi, R., Angelina, & Wulandari, E. P. (2015). *Peningkatan Daya Dukung Tanah Gambut Sebagai Subgrade Jalan dengan Menggunakan Perkuatan Anyaman dan Grid Bambu*. 8. <http://eng.unila.ac.id/wp-content/uploads/2015/08/RT151.pdf>
- Duke, N., Giri, C., Ochieng, E., Tieszen, L. L., Zhu, Z., Singh, A., Loveland, T., & Masek, J. (2011). *Status and distribution of mangrove forests of the world using earth*. 154–159. <https://doi.org/10.1111/j.1466-8238.2010.00584.x>
- Ermiliansa, D., & Samekto, A. (2015). *Pengembangan Kawasan Konservasi Dengan Konsep Eco Edu Wisata Mangrove Di Dusun Tapak Kelurahan Tugurejo Kota Semarang*.
- Eviati, Sulaeman, Herawaty, L., Anggria, L., Usman, Tantika, H. E., Prihatini, R., & Wuningrum, P. (2023). Reference Procedures for Soil, Plant, Water and Fertilizer. In *Petunjuk Teknis Edisi 3 Analisis Kimia Tanah, Tanaman, Air, dan Pupuk*. Kementerian Pertanian Republik Indonesia. <https://tanahpupuk.bsip.pertanian.go.id>
- Fitriah, E., Maryuningsih, Y., Chandra, E., & Mulyani, A. (2013). Studi Analisis Pengelolaan Hutan Mangrove Kabupaten Cirebon. *Scientiae Educatia: Jurnal Pendidikan Sains*, 2(2), 73–92.
- Hilmi, E., & Siregar, A. S. (2015). Struktur Komunitas, Zonasi Dan Keanekaragaman Hayati Vegetasi Mangrove Di Segara Anakan Cilacap. *Omni-Akuatika*. <https://doi.org/10.20884/1.oa.2015.11.2.36>

- Husson, O. (2013). Redox potential (Eh) and pH as drivers of soil/plant/microorganism systems: A transdisciplinary overview pointing to integrative opportunities for agronomy. *Plant and Soil*, 362(1–2), 389–417. <https://doi.org/10.1007/s11104-012-1429-7>
- JANUARDI, R. (2016). *Pengaruh Pemberian Asam Humat Terhadap Sifat Fisik Tanah Ultisol Perkebunan Nanas Di Lampung Timur*. 01, 1–23.
- Jing, Y., Zhang, Y., Han, I., Wang, P., Mei, Q., & Huang, Y. (2020). Effects of different straw biochars on soil organic carbon, nitrogen, available phosphorus, and enzyme activity in paddy soil. *Scientific Reports*, 10(1), 1–12. <https://doi.org/10.1038/s41598-020-65796-2>
- Khaled, H., & Fawy, H. (2011). Effect of different Levels of humic acids on the nutrient content, plant growth, and soil properties under conditions of salinity. *Soil and Water Research*, 6(1), 21–29. <https://doi.org/10.17221/4/2010-swr>
- Kristensen, E., Bouillon, S., Dittmar, T., & Marchand, C. (2008). Organic carbon dynamics in mangrove ecosystems: A review. *Aquatic Botany*, 89(2), 201–219. <https://doi.org/10.1016/j.aquabot.2007.12.005>
- Lutan, R. Y. (1999). *Karakterisasi asam humat dari sedimen hutan lindung bakau (mangrove) Muara Angke Teluk Jakarta*. 6–7.
- Mindari, W., Sasongko, P. E., & Syekhfani, S. (2022). *Asam Humat Sebagai Amelioran dan Pupuk*.
- Pramanik, P., & Kim, P. J. (2014). Fractionation and characterization of humic acids from organic amended rice paddy soils. *Science of the Total Environment*, 466–467, 952–956. <https://doi.org/10.1016/j.scitotenv.2013.07.115>
- Sayara, T., Borràs, E., Caminal, G., Sarrà, M., & Sánchez, A. (2011). Bioremediation of PAHs-contaminated soil through composting: Influence of bioaugmentation and biostimulation on contaminant biodegradation. *International Biodeterioration and Biodegradation*, 65(6), 859–865. <https://doi.org/10.1016/j.ibiod.2011.05.006>
- Six, J., Paustian, K., Paul, E., & Conant, R. T. (2002). Stabilization Mechanisms of Soil Organic Matter: Implications for C- Saturation of Soils. *Plant and Soil*, 241, 155–176. <https://doi.org/10.1023/A>
- Soil Survey Staff. (2014). Keys to soil taxonomy. *Soil Conservation Service*, 12, 410. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_051546.pdf
- Stevenson, F. J. (1994). *Humus Chemistry : Genesis, Composition, Reactions - F.J. Stevenson*. Google Books (2nd ed.). Jhon Wiley and Sons.
- Tahir, I., Mantiri, D. M., Rumengan, A. P., Muhammad, A., Ismail, F., Paembonan, R. E., Najamuddin, N., Akbar, N., Inayah, I., Wibowo, E. S., Siolimbona, A. A., & Harahap, Z. A. (2023). Simpanan karbon sedimen di bawah tegakan spesies mangrove alami dan mangrove rehabilitasi. *Jurnal Ilmu Kelautan Kepulauan*, 6(1). <https://doi.org/10.33387/jikk.v6i1.6517>

- Tan, K. H. (2014). Humic Matter in Soil and the Environment, Principles and Controversies. *Soil Science Society of America Journal*, 79(5), 1520–1520. <https://doi.org/10.2136/sssaj2015.0004br>
- Raharjo, P., Setiady, D., & Zallesa, S. (2015). Menjadi Lahan Tambak Di Kawasan Pesisir Kabupaten Cirebon Identification Coastal Damage Due To the Mangrove Forest Conversion Into Farms Land in a Coastal Area of Cirebon District. *Jurnal Geologi Kelautan*, 13(1), 9–24.
- Rahayu, R. D., Mindari, W., & Arifin, M. (2021). *Pengaruh Kombinasi Silika dan Asam Humat terhadap Ketersediaan Nitrogen dan Pertumbuhan Tanaman Padi pada Tanah Berpasir*. 19(2), 23–32.
- Ruhaimah, Asmar, & M. Harianti. (2009). *Efek Sisa Asam Humat Dari Kompos Jerami Padi Dan Pengelolaan Air Dalam Mengurangi Keracunan Besi (Fe) Tanah Sawah Bukaak Baru Terhadap Produksi Padi*. VI(1), 1–13.
- Rusdianti, & Sunito. (2012). *Konversi Lahan Hutan Mangrove Serta Upaya Penduduk Lokal Dalam Merehabilitasi Ekosistem Mangrove Mangrove Forest Conservation and The Role of Local Community in Mangrove Ecosystems Rehabilitations*. 06(01).
- Sarong, M. A., Supriatno, S., Asiah, M. D., Saputri, M., Irham, M., Mursawal, A., & Hermi, R. (2019). Study of bivalves infauna in mangrove ecosystems of Rigaih in Aceh Jaya. *IOP Conference Series: Earth and Environmental Science*, 348(1). <https://doi.org/10.1088/1755-1315/348/1/012123>
- Seran, D. (2011). Humifikasi Pada Tanah Di Beberapa Tipe Tegakan Hutan Papua Barat Dengan Pendekatan Spektrofotometrik. *Jurnal Penelitian Hutan Dan Konservasi Alam*, 8(1), 87–94. <https://doi.org/10.20886/jphka.2011.8.1.87-94>
- Shofanduri, A. (2018). Studi komparasi kualitas tanah sebagai media pertumbuhan mangrove rhizophora sp. di pantai Alasdowo Kabupaten Pati dengan pantai Mangunharjo Kota Pati *Eprints.Walisongo.Ac.Id*. <http://eprints.walisongo.ac.id/8626/>
- Stevenson, F. . (1994). *Humus Chemistry : Genesis, Composition, Reactions - F.J. Stevenson* (2nd ed.). Jhon Wiley and Sons.
- Suparno, I., Si, M., Sugiman, D. W., Yunanto, T., Hut, S., Si, M., Rohman, A., Djadjulie, I. A., Wildan, D., Si, M., Kori, J., Energi, P., & Pertambangan, D. A. N. (2020). *Pengaruh Bahan Organik Dan Asam Humat Terhadap Perkembangan Kondisi Tanah Akibat Pertambangan Batugamping*.
- Supriyantini, E., & Nuraini, R. A. T. (2017). Studi Kandungan Bahan Organik Pada Beberapa Muara Sungai Di Kawasan Ekosistem Mangrove, Di Wilayah Pesisir Pantai Utara Kota Semarang, Jawa Tengah. *Buletin Oseanografi Marina*, 6(1), 29. <https://doi.org/10.14710/buloma.v6i1.15739>
- Sutanto, R. (2005). *Dasar-Dasar Ilmu Tanah : Konsep Dan Kenyataan*. KANISIUS. <https://doi.org/978-979-21-046-7>
- Tyas, I. I. C., & Najicha, F. U. (2023). *Identifikasi Permasalahan Kawasan Konservasi Hutan*. May, 197.

- Xu, Z., & Tsang, D. C. W. (2022). Redox-induced transformation of potentially toxic elements with organic carbon in soil. *Carbon Research*, 1(1), 1–18. <https://doi.org/10.1007/s44246-022-00010-8>
- Warfield, A. D., & Leon, J. X. (2019). Estimating mangrove forest volume using terrestrial laser scanning and UAV-derived structure-from-motion. *Drones*. <https://doi.org/10.3390/drones3020032>
- Waryono, T., Panel, D., Studi, P., Konservasi, B., & Fmipa-ui, J. G. (2008). *keanekaragaman hayati dan konservasi ekosistem mangrove*. 1–8.
- Wu L, & LQ., M. (2022). *Relationship between compost stability and extractable organic carbon*. 4.
- Yulma. (2013). Contribution of organic material from white mangrove (*Avicennia marina*) to evaluate mangrove ecosystem management: Case Study of Labuhan Maringgai, East Lampung. *International Journal of Bonorowo Wetlands*, 3(1), 12–29. <https://doi.org/10.13057/bonorowo/w030102>