

DAFTAR PUSTAKA

- Achmad, R. F., Dharmono, F. A. A. A., Hidayat, B. N., & Adji, T. N. (2024). Kajian Ruang Terbuka Hijau dan Jenisnya di Kota Yogyakarta. *Media Komunikasi Geografi*, 25(1), 140-149.
- Adinugroho, W. C., & Sidiyasa, K. (2006). Model pendugaan biomassa pohon mahoni (*Swietenia macrophylla* King) di atas permukaan tanah. *Jurnal Penelitian Sosial dan Ekonomi Kehutanan*, 3(1), 103-117.
- Akbari, H., Pomerantz, M., & Taha, H. (2001). Cool surfaces and shade trees to reduce energy use and improve air quality in urban areas. *Solar Energy*, 70(3), 295-310,
- Andersson, E., Barthel, S., & Ahrné, K. (2007). Measuring social–ecological dynamics behind the generation of ecosystem services. *Ecological Applications*, 17(5), 1267–1278.
- Arianasari, V., & Kaskoyo, H. (2021). Estimasi simpanan karbon di atas permukaan tanah pada hutan rakyat di kawasan perkotaan, Kota Bandar Lampung, Provinsi Lampung. *Jurnal Ilmu Kehutanan*, 15(2), 174-184.
- Badan Standardisasi Nasional (BSN). (2019). *SNI 7724:2019 Tata Cara Perencanaan Ruang Terbuka Hijau di Kawasan Perkotaan*. Badan Standardisasi Nasional.
- Badan Perencanaan Pembangunan Nasional (BAPPENAS). (2010). *Rancangan Strategi Nasional REDD+ (Revisi tanggal 18 November 2010)*. Jakarta: BAPPENAS.
- Badan Pusat Statistik Kota Yogyakarta. (2024). *Curah Hujan per Bulan di Kota Yogyakarta*. Diakses pada 23 September 2024 dari <https://yogyakarta.bps.go.id/id/statistics-table/2/MTUyIzI=/curah-hujan-per-bulan.html>.
- Baró, F., Chaparro, L., Gómez-Baggethun, E., Langemeyer, J., Nowak, D. J., & Terradas, J. (2014). Contribution of ecosystem services to air quality and climate change mitigation policies: The case of urban forests in Barcelona, Spain. *AMBIO*, 43(4), 466–479.
- Barros, B. F., do Amaral, R., Fonseca, M. T., dos Santos, G. P., de Souza, G. B., Costa, S. D. A. P., & Scotti, M. R. (2024). Old-growth *Ficus* trees provide soil water and carbon storage to urban greenspaces in a Brazilian metropolis. *City and Environment Interactions*, 24, 100171.
- Büchler, A. C., & Voor in 't Holt, A. F. (2023). Assessing the methodological quality of studies included in systematic reviews: Interpretation of scores. *Infection Control & Hospital Epidemiology*, 44(2), 169–170,

- Bornstein, M. H., Jager, J., & Putnick, D. L. (2013). Sampling in developmental science: Situations, shortcomings, solutions, and standards. *Developmental review*, 33(4), 357-370.
- Bowler, D. E., Buyung-Ali, L., Knight, T. M., & Pullin, A. S. (2010). Urban greening to cool towns and cities: A systematic review of the empirical evidence. *Landscape and Urban Planning*, 97(3), 147–155.
- Brown, S., Gillespie, A. J., & Lugo, A. E. (1989). Biomass estimation methods for tropical forests with applications to forest inventory data. *Forest science*, 35(4), 881-902.
- Cairns, M. A., Brown, S., Helmer, E. H., & Baumgardner, G. A. (1997). Root biomass allocation in the world's upland forests. *Oecologia*, 111(1), 1–11.
- Cardinale, B. J., Duffy, J. E., Gonzalez, A., Hooper, D. U., Perrings, C., Venail, P., & Naeem, S. (2012). Biodiversity loss and its impact on humanity. *Nature*, 486(7401), 59–67.
- Chave, J., Réjou-Méchain, M., Búrquez, A., Chidumayo, E., Colgan, M. S., Delitti, W. B., & Vieilledent, G. (2014). Improved allometric models to estimate the aboveground biomass of tropical trees. *Global change biology*, 20(10), 3177-3190.
- Climate Action Reserve. (2017). *Wood density 2017 update* [Data set]. <https://www.climateactionreserve.org/wp-content/uploads/2018/04/Wood-Density-2017-update.xlsx>
- Cochran, W. G. (1977). *Sampling techniques* (3rd ed.). New York: John Wiley & Sons.
- Conover, W. J. (1999). *Practical Nonparametric Statistics* (3rd ed.). John Wiley & Sons.
- Convention on Biological Diversity. (1992). *Convention on Biological Diversity: Text and annexes*. United Nations Environment Programme.
- Danial, D., Ilham, W., & Asy'ari, M. (2020). Pendugaan Karbon Tersimpan Pada Permukaan Tanah Di Berbagai Jalur Hijau Kecamatan Banjarbaru Utara Kota Banjarbaru. *Jurnal Sylva Scientiae*, 2(4), 667-674
- Dyola, S. P., Zobel, M., & Pärtel, M. (2022). Species richness is a strong driver of forest biomass along broad bioclimatic gradients in the Himalayas. *Ecosphere*, 13(11), e04107.
- Endriani, E., & Sunarti, S. (2019). Sekuestrasi Karbon Beberapa Jenis Vegetasi Sebagai Basis Pengembangan Hutan Kota Jambi. *Jurnal Ilmiah Ilmu Terapan Universitas Jambi*, 3(2), 113-125
- Elmqvist, T., et al. (2003). Response diversity, ecosystem change, and resilience. *Frontiers in Ecology and the Environment*, 1(9), 488–494.

- Field, A. (2013). *Discovering statistics using IBM SPSS statistics* (4th ed.). SAGE Publications.
- Food and Agriculture Organization of the United Nations. (1998). *Global fibre supply model (Appendix 1: List of wood densities for tree species from tropical America, Africa, and Asia)*. FAO. <https://www.fao.org/4/w4095e/w4095e0c.htm>.
- Ghasemi, A., & Zahediasl, S. (2012). Normality Tests for Statistical Analysis: A Guide for Non-Statisticians. *International Journal of Endocrinology and Metabolism*, 10(2), 486–489.
- Gobster, P.H., et al (2007). *The aesthetics of urban green space*. In: *Urban Green Spaces*. Springer.
- Guest, G., Namey, E. E., & Mitchell, M. L. (2013). *Collecting Qualitative Data: A Field Manual for Applied Research*. SAGE Publications.
- Hairiah, K dan S. Rahayu. (2007). *Pengukuran Karbon Tersimpan Di Berbagai Macam Penggunaan Lahan*. World Agroforestry Centre. Bogor.
- Hairiah K, Ekadinata A, Sari RR, Rahayu S. 2011. *Pengukuran Cadangan Karbon: dari tingkat lahan ke bentang lahan. Petunjuk praktis. Edisi kedua*. Bogor, World Agroforestry Centre, ICRAF SEA Regional Office, University of Brawijaya.
- Hansen, R., & Pauleit, S. (2014). From multifunctionality to multiple ecosystem services? A conceptual framework for multifunctionality in green infrastructure planning for urban areas. *Ambio*, 43(4), 516–529.
- Hardiansyah, G., Indrianingrum, D. R., Anwari, M. S., Haryono, Z., Diba, F., Ekamawanti, H. A., & Yani, A. (2024). Carbon sequestration in the green open spaces along primary road of Pontianak City, West Kalimantan, Indonesia. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan (Journal of Natural Resources and Environmental Management)*, 14(1), 190-190.
- Intergovernmental Panel on Climate Change (IPCC). (1995). *Climate Change 1995: The Supplementary Report to the IPCC Scientific Assessment*. Cambridge University Press.
- Intergovernmental Panel on Climate Change (IPCC). (2019). *2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Volume 4 – Agriculture, Forestry and Other Land Use*. Geneva, Switzerland: IPCC.
- IPCC. (2006). *IPCC guidelines for national greenhouse gas inventories: Volume 4 - Agriculture, forestry and other land use*. Chapter 2: Generic methodologies applicable to multiple land-use categories (pp. 2.1-2.23). Intergovernmental Panel on Climate Change.

- IPCC (2014). *Climate Change 2014: Mitigation of Climate Change*. Cambridge University Press.
- Jaljuli, I., Benjamini, Y., Shenhav, L., Panagiotou, O., & Heller, R. (2021). Quantifying replicability and consistency in systematic reviews (arXiv preprint No. 1907.06856v3).
- Jost, L. (2006). Entropy and diversity. *Oikos*, 113(2), 363-375.
- Keraton Ngayogyakarta Hadiningrat. (2018, 22 Januari). *Pohon beringin di Keraton Yogyakarta*. <https://www.kratonjogja.id/tata-rakiting/9-pohon-beringin-di-keraton-yogyakarta/>.
- Keskin, S. (2006). Comparison of several univariate normality tests regarding Type I error rate and power of the test in simulation-based small samples. *Journal of Applied Sciences Research*, 2(5), 296–300.
- Kraton Jogja. (2023, April 13). *Pameran Narawandira: Ragam Vegetasi di Keraton Yogyakarta*.
- Krisnawati, H., Adinugroho, W. C., & Imanuddin, R. (2012). *Monograf: Model-model Alometrik Untuk Pendugaan Biomassa Pohon Pada Berbagai Tipe Ekosistem Hutan di Indonesia*. Pusat Penelitian dan Pengembangan Konservasi dan Rehabilitasi, Badan Penelitian dan Pengembangan Kehutanan. Bogor, Indonesia.
- Kazmierczak, A. E., & James, P. (2007). *The role of urban green spaces in improving social inclusion*. Paper presented at the International Conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars, The Hague, Netherlands.
- Kusumah, B. R. (2015). Studi Potensi Biomassa Dan Massa Karbon Pohon Karet (*Hevea Brasiliensis* Muell Arg) Di Hutan Karet Rakyat Desa Bungku, Provinsi Jambi.
- Lestari, N. P., & Martuti, N. K. T. (2024). Potensi Cadangan Karbon Tersimpan dan Serapan Karbon pada Ekosistem Hutan Kota Tinjomoyo Semarang. *Life Science*, 13(2), 119-133.
- Lukito, M. dan A. Rohmatiah. (2013). Estimasi Biomassa dan Karbon Tanaman Jati Umur 5 Tahun (Kasus Kawasan Hutan Tanaman Jati Unggul Nusantara (JUN) Desa Krowe, Kecamatan Lambeyan, Kabupaten Magetan). *Jurnal Agri-Tek* 14(1): 1-23.
- Lwasa, S., Mugagga, F., Wahab, B., Simon, D., Connors, J. P., & Griffith, C. (2015). A Meta-analysis Of Urban And Peri-urban Agriculture And Forestry In Mediating Climate Change. *Current Opinion in Environmental Sustainability*, 13, 68-73.
- Magurran, A. E. (2004). *Measuring biological diversity*. Blackwell Publishing.

- McDonald, J. H. (2014). *Handbook of Biological Statistics* (3rd ed.). Sparky House Publishing.
- McPherson, E. G., van Doorn, N. S., & Peper, P. J. (2016). Urban tree database and allometric equations. *General Technical Report PSW-GTR-253*. U.S. Department of Agriculture, Forest Service.
- Mulyani, I., Wijayanti, Y., & Nurholis, E. (2021). Nilai-Nilai Filosofis Batik Banjar Jawa Barat. *J-KIP (Jurnal Keguruan dan Ilmu Pendidikan)*, 2(3), 21-32.
- Naftalia, H. C., & Amalia, A. (2025). Analisis Potensi Stok Karbon dan Strategi Peningkatan Kualitas Ruang Terbuka Hijau di Kecamatan Tenggilis Mejoyo, Surabaya. *Jurnal Serambi Engineering*, 10(1).
- Noumi, V. N., Witanou, N., Awe Djongmo, V., & Mapongmetsem, P. M. (2023). Allometric equations for the biomass prediction in *Azadirachta indica* plantations in Sub-Saharan Africa: A case study from Cameroon. *Sustainability in Environment*, 8(2), 1–12.
- Nowak, D. J., Hirabayashi, S., Bodine, A., & Greenfield, E. (2014). Tree and forest effects on air quality and human health in the United States. *Environmental pollution*, 193, 119-129.
- Nowak, D. J., & Greenfield, E. J. (2012). Tree and impervious cover change in U.S. cities. *Urban Forestry & Urban Greening*, 11(1), 21–30.
- Nowak, D. J. (2021). *Understanding i-Tree: 2021 summary of programs and methods (General Technical Report NRS-200-2021, Appendix 11: Wood Density Values)*. U.S. Department of Agriculture, Forest Service, Northern Research Station.
- Patton, M. Q. (2002). *Qualitative Research and Evaluation Methods*. SAGE Publications.
- Peraturan Menteri Pekerjaan Umum No: 05/PRT/M/2008 tentang Penyediaan Dan Pemanfaatan Ruang Terbuka Hijau di Kawasan Perkotaan.
- Pereira, B., David, L. M., & Galvão, A. (2019, November). Green infrastructures in stormwater control and treatment strategies. In *Proceedings* (Vol. 48, No. 1, p. 7). MDPI.
- Prayogo, C., Sari, R. R., Asmara, D. H., Rahayu, S., & Hairiah, K. (2018). Allometric Equation for Pinang (*Areca catechu*) Biomass and C Stocks. *Agrivita*, 40(3).
- Putri, A. H. M., dan Wulandari, C. (2015). Potensi penyerapan karbon pada tegakan damar mata kucing (*Shorea javanica*) di Pekon Gunung Kemala Krui Lampung Barat. *Jurnal Sylva Lestari*, No. 2, Vol. 3, pp. 13-20,
- Rawung, F. C. (2015). Efektivitas ruang terbuka hijau (RTH) dalam mereduksi emisi gas rumah kaca (GRK) di kawasan perkotaan Boroko. *Media Matrasain*, 12(2), 17-32

- Razali, N. M., & Wah, Y. B. (2011). Power comparisons of Shapiro-Wilk, Kolmogorov-Smirnov, Lilliefors and Anderson-Darling tests. *Journal of Statistical Modeling and Analytics*, 2(1), 21–33.
- Siringoringo, H. H., & Siregar, C. A. (2006). Model Persamaan Allometri Biomassa Total untuk Estimasi Akumulasi Karbon pada Tanaman Sengon. *Jurnal Penelitian Hutan dan Konservasi Alam*, 3(5), 541-553.
- Soemarwoto, O. (2001). *Ekologi, Lingkungan Hidup dan Pembangunan*. Penerbit Djambatan. Jakarta.
- Strohbach, M. W., & Haase, D. (2012). Above-ground carbon storage by urban trees in Leipzig, Germany: Analysis of patterns in a European city. *Landscape and Urban Planning*, 104(1), 95–104.
- Suharyadi dan Purwanto. (2009). *Statistika Untuk Ekonomi dan Keuangan Modern*. Salemba Empat, Jakarta.
- Sutaryo, D. (2009). Penghitungan Biomassa Sebuah pengantar untuk studi karbon dan perdagangan karbon. *Wetlands International Indonesia Programme. Bogor*, 13.
- Turner, B., Wells, K., Bauhus, J., Carey, G., Brack, C., & Kanowski, P. (1999). *Woody biomass: Methods for estimating change* (National Carbon Accounting System Technical Report No. 3). Australian Greenhouse Office.
- Tzoulas, K., et al (2007). Promoting ecosystem and human health in urban areas using green infrastructure. *Journal of Urban Ecology*, 2(1), 1-9.
- Undang-Undang Republik Indonesia Nomor 26 Tahun 2007 tentang Penataan Ruang. (2007). Jakarta: Kementerian Sekretariat Negara.
- Uthbah, Z., Sudiana, E., & Yani, E. (2017). Analisis Biomasa dan Cadangan Karbon Pada Berbagai Umur Tegakan Damar (*Agathis dammara* (Lamb.) Rich.) di KPH Banyumas Timur. *Scripta Biologica*, 4(2), 119-124.
- Vijayan, V. M. A. (2024). The role of green spaces in promoting urban health and wellbeing: A sustainable development perspective. *Journal of Science and Healthcare Exploration*, 6(6), 1–7.
- Wijayani, S., & Masrur, M. A. (2022). Indeks Nilai Penting dan Keanekaragaman Komunitas Vegetasi Penyusun Hutan di Alas Burno SUBKPH Lumajang. *Jurnal Wana Tropika*, 12(2), 80-89.
- Xu, S., Eisenhauer, N., Ferlian, O., Zhang, J., Zhou, G., Lu, X., ... & Zhang, D. (2020). Species richness promotes ecosystem carbon storage: evidence from biodiversity-ecosystem functioning experiments. *Proceedings of the Royal Society B*, 287(1939), 20202063.
- Yamani, A. (2013). Studi kandungan karbon pada hutan alam sekunder di Hutan Pendidikan Mandiangin Fakultas Kehutanan Unlam. *Jurnal Hutan Tropis*, 1(1).

Yulistyarini, T., & Hadiyah, J. T. (2022, February). Carbon stock potential of Indonesian local fruit trees, some collections of Purwodadi Botanic Garden. *In IOP Conference Series: Earth and Environmental Science* (Vol. 976, No. 1, p. 012057). IOP Publishing.

Zhi-Ying, H., & Yeo-Chang, Y. (2021). Beijing Resident's Preferences of Ecosystem Services of Urban Forests. *Forests*, 12(1), 14.