DAFTAR PUSTAKA

Alder, D. (1980). *Forest Volume Estimation and Yield Prediction Rediction: Vol. 2 - Yeld Prediction*. FAO.

Alrasjid, H.1991. *Faktor Kualitas Lahan Pembatas untuk Pertumbuhan Gmelina arborea*. Buletin Penelitian Hutan 540 : 1-23

Basuki, T. M., & Pramono, I. B. (2017). *Hutan Jati Tempat Tumbuh, Hasil Air, dan Sedimen* (1st ed.). UNS Press.

Bayr, C., Gallaun, H., Kleb, U., Kornberger, B., Steinegger, M., & Winter, M. (2016). Satellite-Based Forest Monitoring: Spatial and Temporal Forecast of Growing Index and Short-Wave Infrared Band. *Geospatial Health*, *11*(1), 31–42. https://doi.org/10.4081/gh.2016.310.

Bermejo, I., I.Canellas, & A.S.Miguel. (2004). Growth and Yield Models for Teak Plantations in Costa Rica. *Forest Ecology and Management*, *189*, 97–110.

Campbell J.B., (1996), *Introduction to remote sensing (2nd ed.).* Taylor & Francis, London.

Chrysafis, I., Mallinis, G., Siachalou, S., & Patias, P. (2017). Assessing the relationships between growing stock volume and sentinel-2 imagery in A Mediterranean Forest Ecosystem. *Remote Sensing Letters*, *8*(6), 508–517. https://doi.org/10.1080/2150704X.2017.1295479.

Cohen, L., Manion, L., dan Morrison,K. (2007). *Research Methode in Education (6th ed.).* London, New York: Routllege Falmer.

Coops, N. C. (2015). Characterizing Forest Growth and Productivity Using Remotely Sensed Data. *Current Forestry Reports*, *1*(3), 195–205. https://doi.org/10.1007/s40725-015-0020-x

Danoedoro, P. (2012). *Pengantar Penginderaan Jauh Digital*. ANDI.

Danoedoro, P., & Rahmi, K.N.I. (2015). Pengaruh Metode Koreksi Radiometrik Citra ALOS AVNIR-2 Terhadap Akurasi Hasil Estimasi Karbon Vegetasi Tegakan di Wailayah Kota Semarang Bagian Timur. *Reserachgate.*

ESA. (2015). *Sentinel-2 User Handbook*. European Space Agency (ESA).

FWI. (2011). *Potret Keadaan Hutan Indonesia Periode Tahun 2000-2009*. Laporan FWI.

Hawryło, P., & Wezyk, P. (2018). Predicting Growing Stock Volume of Scots Pine Stands Using Sentinel-2 Satellite Imagery and Airborne Image-Derived Point Clouds. *Forests*, *9*(5). https://doi.org/10.3390/f9050274

Huete, A. R., Didan, K., & Y. Yin. (2002). *MODIS Vegetation Workshop, Missoula, Montana, July 15–18*. Terrestrial Biophysics and Remote Sensing (TBRS) MODIS Team, University of Arizona.

Indrioko, S., Faridah, E., & Widhianto, A. Y. (2010). Keberhasilakn Okulasi Jati (*Tectona grandis L.f.*) Hasil Eksplorasi di Gunungkidul. *Jurnal Ilmu Kehutanan*, *4*(2), 87–97.

Jensen. (2005). *Introducory Digital Image Processing – A Remote Sensing Perspective, 3rd edition.* Englewood Cliffs, N.J: Prentice Hall.

Jensen, J. R. (2015). *Introductory Digital Image Processing A Remote Sensing Perspective 4th Edition*. Pearson Education, Inc.

Kamal, M., Kanekaputra, T., Hermayani, R., & Utari, D. (2019). Pengaruh Distribusi Spasial Pemodelan Terhadap Akurasi Estimasi *Leaf Area Index* (LAI) Mangrove. *Jurnal Penginderaan Jauh dan Pengolahan Citra Digital, 17*(2), 101-112. http://dx.doi.org/10.30536/j.pjpdcd.2019.v16.a3069.

KLHK. (2018). *Status Hutan dan Kehutanan Indonesia 2018*. Kementerian Lingkungan Hidup dan Kehutanan RI.

Kurniawan, R. (2017). Pengaruh Koreksi Radiometri Terhadap Akurasi Indeks Vegetasi dalam Estimasi Biomassa Tegakan Daun Lebar di Atas Permukaan Tanah pada Topografi Bergunung Wilayah Gunung Api Lawu [*Skripsi*]. Universitas Gadjah Mada.

Kushwaha, S. P. S., Nandy, S., & Gupta, M. (2014). Growing Stock and Woody Biomass Assessment in Asola-Bhatti Wildlife Sanctuary, Delhi, India. *Environmental Monitoring and Assessment*, *186*(9), 5911–5920. https://doi.org/10.1007/s10661-014-3828-0

Kuusk, A., & Lang, M. (2021). Integration of A Statistical Forest Reflectance Model

and Sentinel-2 MSI Images Into A Continuous Forest Inventory System. *Baltic Forestry*, *26*(2), 1–6. https://doi.org/10.46490/BF467

Leech, N. L., Barrett, K. C., & Morgan, G. A. (2005). *SPSS for Intermediate Statistics : Use and Interpretation* (Second Edi). Lawrence Erlbaum Associates, Inc.

Lestari, F. N. (2019). Kajian Transformasi Indeks Vegetasi untuk Estimasi Volume tegakan Jati Menggunakan Citra Sentinel-2B di KPH Randublatung Bagian Utara, Blora [*Skripsi*]. Universitas Gadjah Mada.

Lillesand, T. M., Kiefer, R. W., & Chipman, J. (2008). *Remote Sensing and Image Interpretation, 6th edition*. John Wiley and Sons.

Lillesand, T. M., Kiefer, R. W., & Chipman, J. W. (2015). *Remote Sensing and Image Interpretation. 7th Edition*. John Wiley & Sons,Inc.

Lu, D.,Mausel, P., Brondizio, E. dan Moran, E. (2004). *Relationships Between Forest Stand Parameters and Landsat TM Spectral Respons in The Brazilian Amazon Basin*. Forest Ecology and Management.

Madonsela, S., Cho, M. A., Mathieu, R., Mutanga, O., Ramoelo, A., Kaszta, Ż., Van De Kerchove, R. V., & Wolff, E. (2017). Multi-Phenology Worldview-2 Imagery Improves Remote Sensing of Savannah Tree Species. *International Journal of Applied Earth Observation and Geoinformation*, *58*, 65–73. https://doi.org/10.1016/j.jag.2017.01.018

Magnussen, S., & Reed, D. (2015). Modelling for Estimation and Monitoring. *Knowledge Reference for National Forest Assessments*, 111–136.

Mahato, B. (2001). Quantification of Forest Growing Stock Using Remote Sensing Data for Planning and Management: A Case Study Of Tikauli Forest in Chitwan District, Nepal. *Paper presented at the 22nd Asian Conference on Remote Sensing*, Singapore.

Margaretha, E.W. (2013). Estimasi Cadangan Karbon Vegetasi Tegakan di kota Yogyakarta dan Sekitarnya Berbasis ALOS AVNIR-2 [*Skripsi*]. Yogyakarta: Fakultas Geografi UGM.

McCoy, R.M. (2005). *Field Methods in Remote Sensing*. New York : Guilford Press.

Mohammadi, J., Joibary, S. S., Yaghmaee, F., & Mahiny, A. S. (2010). Modelling Forest Stand Volume and Tree Density Using Landsat ETM+ Data. *International Journal of Remote Sensing*, *31*(11), 2959–2975. https://doi.org/10.1080/01431160903140811

Mohammadi, J., Shataee, S., & Babanezhad, M. (2011). Estimation of Forest Stand Volume, Tree Density and Biodiversity Using Landsat ETM+ Data, Comparison of Linear and Regression Tree Analyses. *Procedia Environmental Sciences*, *7*, 299–304. https://doi.org/10.1016/j.proenv.2011.07.052

Mura, M., Bottalico, F., Giannetti, F., Bertani, R., Giannini, R., Mancini, M., Orlandini, S., Travaglini, D., & Chirici, G. (2018). Exploiting The Capabilities of The Sentinel-2 Multi Spectral Instrument for Predicting Growing Stock Volume in Forest Ecosystems. *International Journal of Applied Earth Observation and Geoinformation*, *66*(November 2017), 126–134. https://doi.org/10.1016/j.jag.2017.11.013

Murtinah, V., Marjenah, M., Ruchaemi, A., & Ruhiyat, D. (2015). Pertumbuhan Hutan Tanaman Jati (Tectona grandis Linn.f.) di Kalimantan Timur. *Agrifor*, *14*(2), 287–292.

Nagendra, H., Rocchini, D. (2008). High Resolution Satellite Imagery for Tropical Biodiversity: The Devil is in The Detail. *Biodivers Conserv*, *17*, 3431–3441.

Oktaviani, M. A., & Notobroto, H. B. (2014). Perbandingan Tingkat Konsistensi Normalitas Distribusi Metode Kolmogorov-Smirnov, Lilliefors, Shapiro-Wilk, dan Skewness-Kurtosis. *Jurnal Biometrika Dan Kependudukan*, *3*(2), 127–135

Perhutani, P. (2014). *Statistik Perum Perhutani 2009- 2013*. Jakarta

Perhutani. (2020). *Public Summary Perum perhutani KPH Cepu 2019*. Perum Perhutani.

Perum Perhutani. (2018). *Annual Report Perum Perhutani 2018*. 1–626Walford, 2011)

Pratama, L. D. Y. (2019). Model Estimasi Stok Karbon Atas Permukaan Tegakan Karet (Hevea brasiliensis) menggunakan Citra Sentinel 2A Kasus di Perkebunan Karet PTPN IX Kebun Ngobo dan Kebun Getas, Kabupaten Semarang *[Skripsi]*.

Universitas Gadjah Mada.

Pudjiono, S. (2014). *Produksi Bibit Jati Unggul dari Klon an Budidayanya*. IPB Press.

Rautiainen, M., Lukeš, P., Homolová, L., Hovi, A., Pisek, J., & Mõttus, M. (2018). Spectral Properties of Coniferous Forests: A Review of In Situ and laboratory Measurements. *Remote Sensing*, *10*(2). https://doi.org/10.3390/rs10020207

Ray, T.W. (1995*). A FAQ on Vegetation in Remote Sensing*. Division of Geologicaland Planetary Sciences California Institute of Technology.California-USA

Redowan, M., Akter, R., Islam, M., Masum, K. M., & Chowdhury, M. S. H. (2015). Estimating Growing Stock Volume in A Bangladesh Forest Site Using Landsat TM and Field-Measured Data. *International Journal of Geomatics and Geosciences*, *6*(2), 1607–1619.

Rimbawanto, A., Pudjiono, S., Nirsatmanto, A., Widyatmoko, Adinugraha, H. A., Baskorowati, L., Haryjanto, L., Fauzi, M. A., & Setyaji, T. (2013). *Benih Unggul untuk Pengembangan Hutan Jati Rakyat*. FORDA Press.

Shataee, S., Weinaker, H., & Babanejad, M. (2011). Plot-Level Forest Volume Estimation Using Airborne Laser Scanner and TM Data, Comparison of Boosting and Random Forest Tree Regression Algorithms. *Procedia Environmental Sciences*, *7*, 68–73. https://doi.org/10.1016/j.proenv.2011.07.013

Shrestha, H. L. (2003). Comparative Evaluation of Different Spatial Resolution Data for Timber Volume Estimation *[Thesis]*. International Institute for Geo-Information Science and Earth Observation Enschede, The Netherlands.

Shuaibu, R. B., & Alao, J. S. (2016). Multiple Linear Regression Tree Stem Volume Equations for the Estimation of Merchantable Volume of Azadirachta Indica (Neem Tree) in North-West Region of Nigeria. *International Journal of Forestry and Horticulture*, *2*(1), 1–10. https://doi.org/10.20431/2455-9487.0201001

Simon, H. (2007). *Metode Inventore Hutan*. Yogyakarta: Pustaka Pelajar

Siregar, E. B. M. (2005). Potensi Budidaya Jati. In *e-USU Respiratory* (pp. 1–8)..

Steininger M.K., (2000), Satellite Estimation of Tropical Secondary Forest Above-Ground Biomas; Data from Brazil and Bolivia. *International Journal of Remote Sensing*, *21*(6-7), pp 1139–1157.

Sugiyono. (2016). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Penerbit Alfabeta

Sukmadjaja, D & Mariska, I. (2003). *Perbanyakan Bibit Jati Melalui Kultur Jaringan*. Balai Penelitian Bioteknologi dan Sumberdaya Genetik Pertanian.

Susanty, F. H., & Abdurrachman, A. (2016). Analisis Penyusunan Model Pendugaan Volume Pohon 3 Jenis Shorea Di Tarakan, Kalimantan Utara. *Jurnal Penelitian Ekosistem Dipterokarpa*, *2*(1), 29–40. https://doi.org/10.20886/jped.2016.2.1.29-40

Susila, I . W. W. (2009). Riap Hutan Tanaman Jati Dan Cendana Di Nusa Tenggara Timur. *Jurnal Penelitian Hutan Tanaman*, *6*(3), 157–185. https://doi.org/10.20886/jpht.2009.6.3.157-185

Susila, I. W. W. (2012). Model Dugaan Volume dan Riap Tegakan Jati (Tectona Grandis L.F) di Nusa Penida, Klungkung Bali. *Jurnal Penelitian Hutan Tanaman*, *9*(3), 165–178. https://doi.org/10.20886/jpht.2012.9.3.165-178

Sutanto. (1986). *Penginderaan Jauh Jilid 1*. Gadjah Mada University Press.

Tanaka, S., Takahashi, T., Nishizono, T., Kitahara, F., Saito, H., Iehara, T., Kodani, E., & Awaya, Y. (2015). Stand Volume Estimation Using The k-NN Technique Combined with Forest Inventory Data, Satellite Image Data and Additional Feature Variables. *Remote Sensing*, *7*, 378–394. https://doi.org/10.3390/rs70100378

Tiyas, D. N. P. (2009). Penyusunan Tabel Volume Jati (*Tctona grandis, Linn.f*) Menggunakan Citra Satelit Resolusi Tinggi di KPH Jatirogo, Perum Perhutani Unit II Jawa Timur. *[Skripsi]*. Institus Pertanian Bogor.

Tonolli, S., Dalponte, M., Vescovo, L., Rodeghiero, M., Bruzzone, L., & Gianelle, D. (2011). Mapping and Modeling Forest Tree Volume Using Forest Inventory and Airborne Laser Scanning. *European Journal of Forest Research*, *130*(4), 569–577. https://doi.org/10.1007/s10342-010-0445-5

Walford, N. (2011). *Practical Statistic for Geographers and Earth Scientists*. West Sussex : John Wiley & Sons.

Walpole, R.E. (1995). *Pengantar Statistika Edisi ke-3*. Jakarta : Penerbit Gramedia

Wibowo, B. J., & Murti, S. H. (2014). Estimasi Kandungan Karbon Tegakan Jati (Tectona grandis) Melalui Analisis Data Digital Citra ALOS AVNIR-2 di KPH Telawa. *Jurnal Bumi Indonesia*, *3*(1).

Widiatmaka, Mediranto, A., & Widjaja, H. (2015). Karakteristik, Klasifikasi Tanah, dan Pertumbuhan Tanaman Jati (Tectona grandis Linn f.) Var. Unggul Nusantara Di Ciampea, Kabupaten Bogor. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan*, *5*(1), 87–97.

Xue, J., & Su, B. (2017). Significant Remote Sensing Vegetation Indices: A Review of Developments and Applications. *Journal of Sensors*, 1–17. https://doi.org/10.1155/2017/1353691

Yahya, H. D., Asyari, M., & Ilham, W. (2019). Estimasi Potensi Tegakan dengan Pemanfaatan Penginderaan Jauh di PT. Prima Multibuana Kabupaten Banjar. *Jurnal Sylva Scienteae*, *2*(6), 977–989.

Yusuf, H. (2015). Aplikasi Citra ALOS AVNIR-2 untuk Estimasi Volume Tegakan Pinus di Wilayah Kopeng *[Skripsi]*. Universitas Gadjah Mada.

Yusuf, H., & Murti B.S., S. H. (2015). Aplikasi Citra ALOS AVNIR-2 untuk Estimasi Volume Tegakan Pinus. *Jurnal Bumi Indonesia*, *4*(3).