

DAFTAR PUSTAKA

- Aber, J. D., Melillo, J. M. (2001). *Terrestrial Ecosystem*. Harcourt Academic Press.
- Achmad, B., Simon, H., Diniyati, D., & Widyaningsih, T.S. (2012). Persepsi petani terhadap pengelolaan dan fungsi hutan rakyat di Kabupaten Ciamis. *Jurnal Bumi Lestari* 12, 123 – 136.
- Andayani, W. (2006). Analisis keuntungan pengusahaan hutan pinus di KPH Pekalongan Barat. *Jurnal Manajemen Hutan Tropika* 3, 26-39.
- Angelsen, A. (2012). *Realising REDD+*. Cifor
- Arts, B. (2012), *Forest-people interfaces: Understanding community forestry and biocultural diversity*. Wageningen Academic Publishers.
- Arts, B., Behagel, J., Bommel, S. van, Koning, J. de, & Turnhout, E. (2013). *Forest and Nature Governance*. Springer.
- Asosiasi Pengusaha Hutan Indonesia (APHI). (2011). *Peluang dan Mekanisme Perdagangan Karbon Hutan*. Jakarta: APHI.
- Ashton, M. S., Tyrrell, M. L., Spalding, D., & Gentry, B. (2012). *Managing Forest Carbon in a Changing Climate*. New York : Springer.
- Awang, S. A. (2010). *Relasi Pemanfaatan Lahan Hutan dengan Fungsi Hutan*. Diambil dari <http://sanafriawang.staff.ugm.ac.id>, 23 Maret 2015, 09.00 WIB.
- Backeus, S., Wikstro, P., & La, T. (2005). A model for regional analysis of carbon sequestration and timber production. *Forest Ecology Management* 216, 28–40.
- Backéus, S., Wikström, P., & Lämås, T. (2006). Modeling Carbon Sequestration and Timber Production in a Regional Case Study. *Silva Fennica* 40, 615–629.
- Bettinger, P., Boston, K., Siry, J. P., & Grebner, D. L. (2009). *Forest Management and Planning*. Elsevier.
- Bourque, C. P. A., Neilson, E. T., Gruenwald, Chris, Perrin, S. F., Hiltz, J. C., Blin, Y. A., Horsman, G. V., Parker, M. S., Thorburn, C. B., Corey, Michael M., Meng, F., & Swift, D. E. (2007). Optimizing Carbon Sequestration in Commercial Forests by Integrating Carbon Management Objectives in Wood Supply Modeling. *Jurnal Mitigation Adaptation Strategies Global Change*. doi 10.1007/s11027-006-9072-3
- Bowling, J. 2000. *A Workers' View on Sustainable Forestry*. Springer Netherland. http://doi.org/10.1007/978-94-010-9819-9_4.

- Brown C E. 1998. *Applied Multivariate Statistics in Geohydrology and Related Sciences Part VI*. Springer Berlin Heidelberg, DOI 10.1007/978-3-642-80328-4_13.
- Buongiorno J and Gilles J K. (2003). *Decision Methods for Forest Resource Management*. Academic Press. Elsevier Science. USA
- Burger D. (2000). Making Rio Work, The Vision of Sustainable Development and Its Implementation through Forest Certification. *Sustainable Forest Management*, 153-192.
- Burkhardt, H. E., & Tome, M. (2012). *Modeling Forest Trees and Stands*. Springer.
- Butkus, A., Pukalskas, S., Bogdanovičius, Z., Butkus, A., Pukalskas, S., & Bogdanovi, Z. (2016). The influence of turpentine additive on the ecological parameters of diesel engines. *TRANSPORT* 22, 80-82.
- Cahyono, S.A. (2011). Faktor-faktor yang mempengaruhi petani menyadap pinus di kawasan hutan dengan tujuan khusus (KHDTK) Gombong. *Tekno Hutan Tanaman* 4, 49-56.
- Cao, T., Valsta, L., & Mäkelä, A. (2010). Forest Ecology and Management A comparison of carbon assessment methods for optimizing timber production and carbon sequestration in Scots pine stands. *Forest Ecology and Management*, 260 (10), 1726–1734.
- Cristine, K., Cesar, J., Germano, A. (2012). Pine oleoresin : tapping green chemicals , biofuels , food protection , and carbon sequestration from multipurpose trees. *Food and Energy Security* 1 (2), 81–93.
- Davis, K. P. 1954. *American Forest Management*. McGraw Hill Book Company, Inc. New York.
- Davis, L. S. & Johnson, N. K. (1987). *Forest Management : Third Edition*. New York : McGraw-Hill Book Company.
- Djati, B. S. L. (2007). *Simulasi, Teori dan Aplikasinya. Edisi I*. Yogyakarta: Andi Offset.
- Fachrodji, A., Sumarwan, U., Suhendang, E., Harianto. (2009). Perbandingan Daya Saing Produk Gondorukem di Pasar Internasional. *Jurnal Manajemen & Agribisnis* 6 (2), 140-151.
- Fagerholm, N., Käyhkö, N., Ndumbaro, F., Khamis, M. (2012). Community stakeholders' knowledge in landscape assessments: mapping indicators for landscape service. *Ecol.Indic.* 18, 421–433.
- Fandeli, C. (1977). *Beberapa Pinus yang Hidup di Asia Tenggara*. Yogyakarta: Yayasan Pembina Fakultas Kehutanan Universitas Gadjah Mada.

- Flick, U. (2015). *Introducing Research Methodology: A Beginner's Guide to Doing a Research Project*. SAGE.
- Food and Agricultural Organization of the United Nations (FAO). (2006). *Global Forest Resources Assessment 2005. Progress towards Sustainable Forest Management*. Rome: FAO Forestry Paper 147.
- Ganasari, A. S. (2004). Peranan Kegiatan Penyadapan Getah Pinus dalam Peningkatan Kesejahteraan Masyarakat Desa Hutan. Tesis (tidak dipublikasikan). Jurusan Ilmu Politik, UGM.
- Gane, M. (2007). *Forest Strategy*. Springer.
- Grant, W. E., Pedersen, E. K., & Marin, S. L. (1997). *Ecology and Natural Resource Management – Systems Analysis and Simulation*. New York: John Wiley & Sons, Inc.
- Gunawan, I. (2016). Mengkaji Daur Efektif Tanaman Pinus. *Duta Rimba*, No. 62, 24-27.
- Gutrich, J., & Howarth, R. B. (2006). Carbon sequestration and the optimal management of New Hampshire timber stands. *Ecological Economics* 2, 441-450.
- Hardjodarsono. (1983). *TUSAM*. Yogyakarta: Yayasan Pembina Fakultas Kehutanan Universitas Gadjah Mada.
- Hasenauer, H. (2006). *Sustainable Forest Management*. Springer Berlin Heidelberg. <https://doi.org/10.1007/3-540-31304-4>.
- Hennigar, C. R., MacLean, D. A. & Amos-Binks, L. J. (2008). A Novel Approach to Optimize Management Strategies for Carbon Stored in both Forests and Wood Products. *Jurnal Forest Ecology and Management* 256, 786–797. doi: 10.1016/j.foreco.2008.05.037
- Hidajat, J. & Hansen C.P. (2001, 12 Oktober). *Pinus merkusii Jungh et de Vriese*. Informasi Singkat Benih No. 12. Oktober 2001. Direktorat Perbenihan Tanaman Hutan. Diambil dari www.dephut.go.id/INFORMASI/RRL/IFSP/Pinus_merkusii.PDF, 24 Maret 2015, 13.00 WIB.
- Indrajaya Y & Handayani W. 2008. Potensi hutan *Pinus merkusii* Jungh et de Vriese sebagai pengendali tanah longsor di Jawa. *Info Hutan* 3, 231-240.
- Indrajaya, Y. (2011). Daur optimal hutan rakyat monokultur dalam konteks perdagangan karbon : suatu tinjauan teoritis. *Jurnal Penelitian Sosial dan Ekonomi Kehutanan* 9, 55–65.
- IPCC. (2007). *Climate Change 2007: Impacts, Adaption, and Vulnerability*. In: Parry, M., Canziani, O., Palutikof, J., Linden, P.v.d., Hanson, C. (Eds.),

Contribution of Working Group II to the Fourth Assessment Report of the Inter Governmental Panel on Climate Change. IPCC.

- Ishiguri, F., Makino, K., Wahyudi, I., Takashima, Y., Lizuka, K., Yokota, S., & Yoshizawa, N. (2011). Stress wave velocity, basic density, and compressive strength in 34-year-old *Pinus merkusii* planted in Indonesia. *Journal of Wood Science* 57, 526–531.
- Jungh, P., & Vriese, D. (2016). *Pinus merkusii* Jungh. & De Vriese. University of Copenhagen.
- Kangas A, Kangas J, and Kurttila M. (2008). *Decision Support for Forest Management*. Springer.
- Kallio, M.H., Krisnawati, H., Rohadi, D. (2011). Mahogany and Kadam Planting Farmers in South Kalimantan: The Link Between Silvicultural Activity and Stand Quality. *Small-scale Forestry* 10, 115-132.
- Kallio, M.H., Kanninen, M., Krisnawati, H. (2012). Smallholder teak plantations in two villages in Central Java: Silvicultural activity and stand performance. *Forests Trees and Livelihoods* 21 (3), 158-175.
- Kari S & Korhonen-Kurki K. (2013). Framing local outcomes of biodiversity conservation through ecosystem services: a case study from Ranomafana, Madagascar. *Ecosystem Services* 3, e32-e39.
- Kasmudjo. (2011). *Hasil Hutan HHBK*. Cetakan I. Yogyakarta: Cakrawala Media.
- Kementerian Lingkungan Hidup dan Kehutanan. (2015). *Statistik Kementerian Lingkungan Hidup dan Kehutanan Tahun 2014*. Pusat Data dan Informasi, Kementerian Lingkungan Hidup dan Kehutanan.
- Kementerian Perindustrian. (2016). *Perkembangan Ekspor Indonesia Berdasarkan Sektor*. Diambil dari: <http://www.kemenperin.go.id/statistik/peran.php?ekspor=1>, 20 September 2015, 11.00 WIB.
- Kothari, C. R. (2004). *Research Methodology: Methods and Techniques*. New Age International.
- Krankina, O. N., Harmon, M. E. 2006. Forest Management Strategies for Carbon Storage. Dalam *Forests, Carbon and Climate Change: A Synthesis of Science Findings*, hlm 79-91. Portland: Oregon Forest Research Institute.
- Laar, A. Van, & Akca, A. (2007). *Forest Mensuration*. Dordrecht, The Netherlands: Springer Netherlands.
- Lidestav, G. & Sjölander, A.E. (2007). Gender and forestry: A critical discourse analysis of forestry professions in Sweden. *Scandinavian Journal of Forest Research* 22: 351-362.

- Lorenz, K. & Lal R. (2010). *Carbon Sequestration in Forest Ecosystems*. New York: Springer Dordrecht Heidelberg London.
- Mai, Y.H., Mwangi, E., & Wan, M. (2011). Gender analysis in forestry research: looking back and thinking ahead. *International Forestry Review* 13 (2): 245-258.
- Martín-López B, Iniesta-Arandia I, Garcia-Llorente M, Palomo I, Casado-Arzuaga I, Amo DGD, 2012. Uncovering ecosystem service bundles through social preferences. *PloS ONE* 7 (6): e38970. doi:10.1371/journal.pone.0038970.
- Maryudi, A., Nawir, A.A., Permadi, D.B., Purwanto, R.H., Pratiwi, D., Syofi'I, A., Sumardanto, P. (2015). Complex regulatory frameworks governing privatesmallholder tree plantations in Gunungkidul district, Indonesia. *Forest Policy Economic* 59, 1–6.
- Meng, F., Bourque, C. P. A., Oldford, S. P., Swift, E. & Smith, H. C. (2003). Combining Carbon Sequestration Objectives with Timber Management Planning. *Jurnal Mitigation and Adaptation Strategies for Global Change* 8, 371–403.
- Meyer H A, Recknagel A B, Stevenson D D, Bartoo R A. 1961. *Forest Management, Second Edition*. The Ronald Press Company. New York.
- Muhamad D, Okubo S, Harashina K, Parikesit, Gunawan B, & Takeuchi K. 2014. Living close to forests enhances people's perception of ecosystem services in a forest–agricultural landscape of West Java, Indonesia. *Ecosystem Services* 8, 197–206.
- Murdawa, B. (2014). Simulasi dinamika struktur tegakan hutan rakyat (Kasus Kecamatan Pringsurat Kabupaten Temanggung). Tesis (tidak dipublikasikan). Pascasarjana Ilmu Kehutanan, UGM.
- Nugroho, S. (2011). Kajian metode deteksi degradasi hutan menggunakan citra satelit landsat di hutan lahan kering Taman Nasional Halimun Salak. *Teknosains* 1, 1–69.
- Nugroho S, Jaya I N S, Saleh M B, Wijanarto A B. (2011). Kajian metode deteksi degradasi hutan menggunakan citra satelit landsat di hutan lahan kering Taman Nasional Halimun Salak. *Jurnal Teknosains Volume* 1, 1-69.
- Olivares-Pérez, A., Ibarra-Torres, J.C., Ortiz-Gutiérrez, M., Pérez-Cortés, M., Fuentes-Tapi, I. (2005). Rosin (colophony) holograms sensitized with ammonium dichromate. *Optical Materials* 27, 1825–1831.
- Olschewski, R., & Beni'tez, P. C. (2010). Optimizing joint production of timber and carbon sequestration of afforestation projects. *Journal of Forest Economics* 16 (1), 1-10.

- Osmaston, F. C. (1968). *The Management of Forests*. George Allen & Unwin.
- Pardede RA, Sumono, Ichwan N, & Susanto E. 2012. Analisis hujan pada hutan pinus di Taman Hutan Raya Bukit Barisan Tongkoh Kabupaten Karo berdasarkan model keseimbangan air. *Jurnal Rekayasa Pangan dan Pertanian* 1, 97-101.
- Perum Perhutani. (2009). *Keputusan Direksi Perum Perhutani Nomor 682/KPTS/DIR/2009 tentang Pedoman Pengelolaan Sumberdaya Hutan Bersama Masyarakat*. Perum Perhutani. Jakarta.
- Perum Perhutani. (2013). *Penataan Bisnis dan Proses Inti*. Laporan Tahunan. Perum Perhutani. Jakarta
- Perum Perhutani. (2014a). *Mengelola Sumberdaya Hutan Secara Lestari untuk Meningkatkan Manfaat bagi Seluruh Pemangku Kepentingan*. Laporan Keberlanjutan. Perum Perhutani. Jakarta.
- Perum Perhutani. (2014b). *Prosedur Kerja Sadapan Getah Pinus*. Perum Perhutani, Divisi Regional Jawa Tengah
- Pirard, R., Petit, H., Baral, H. (2017). Local impacts of industrial tree plantations: An empirical analysis in Indonesia across plantation types. *Land Use Policy* 60, 242–253.
- Pirard, R., Petit, H., & Baral, H. (2017). Land Use Policy Local impacts of industrial tree plantations : An empirical analysis in Indonesia across plantation types. *Land Use Policy* 60, 242–253.
- Pousujja, R., Granhof, J., Willan, R.L. 1986, Pinus merkusii Jungh. & De Vriese. *Seedleaflet* 7.
- Pretzsch, H. (2009). *Forest Dynamics, Growth and Yield*. Germany: Springer Netherlands.
- Puslitbang Perhutani. (2013). *Penyusunan Model Pendugaan dan Standar Normal Produksi Getah Pinus – Kerjasama Puslitbang Perhutani dengan Fakultas Kehutanan UGM*. Puslitbang Perhutani.
- Reynolds, K. M., Twery, M., Lexer, M. J., Vacik, Harald, Ray, D., Shao, G., & Borges J. G. (2008). *Decision Support Systems in Forest Management*. Springer Berlin Heidelberg.
- Rohadi, D., Kallio, M., Krisnawati, H., Manalu, P. *Economic incentives and household perceptions on smallholder timber plantations: Lessons from case studies in Indonesia*. Montpellier Conference.
- Sahu, P. K. (2013). *Research Methodology : A Guide for Researchers in Agricultural Science , Social Science and Other Related Fields*.

- Schlaepfer, R. dan Elliott, C. (2000). Ecological and Landscape Considerations in Forest Management: The ECnd of Forestry?. *Journal of Sustainable Forest Mangement*, 1-67.
- Schure, J. (2012). *Woodfuel and producers' livelihoods in the Congo Basin*. Wageningen Academic Publishers, The Netherlands.
- Schulze, E. D. 2006. Biological Control of the Terrestrial Carbon Sink. *Biogeosciences*, 3, 147-166.
- Simon, H. (2010). *Perencanaan Pembangunan Sumber Daya Hutan Jilid 1A*. Pustaka Pelajar. Yogyakarta.
- Simon, H. (2010). *Aspek Sosio-Teknis Pengelolaan Hutan Jati di Jawa*. Pustaka Pelajar. Yogyakarta.
- Siregar, C. A. (2007). Pendugaan Biomasa Pada Hutan Tanaman Pinus (Pinus Merkusii Jungh Et De Vriese) Dan Konservasi Karbon Tanah Di Cianten, Jawa Barat. *Jurnal Penelitian Hutan dan Keonservasi Alam* 4 (3).
- Soehartono, T., Mardiasuti, A. (2015). *Pembangunan Kehutanan di Jawa-Bali-Nusa Tenggara: Catatan dan Pembelajaran 2007-2013*. Yayasan Nata Samastha. Bogor.
- Soeprijadi, D. (2014). *Penerapan Permodelan Fuzzi Takagi-Sugeno-Kang dan Pencarian Tabu pada Optimasi Penjadwalan Tebangan Hutan Tanaman*. Tesis (tidak dipublikasikan). Fakultas Matematika dan Ilmu Pengetahuan Alam, UGM, Yogyakarta.
- Steven J. Taylor, Robert Bogdan, Marjorie DeVault. (2015). *Introduction to Qualitative Research Methods: A Guidebook and Resource*. John Wiley & Sons.
- Sukarno, A., Hardiyanto, E. B., Marsoem, S. N., & Na, M. (2015). Oleoresin production , turpentine yield and components of pinus merkusii from various indonesian provenances. *Journal of Tropical Forest Science* 27, 136–141.
- Suwarni, E., Dancik, B. P., & Khasa, D. (1999). Inheritance of Isozyme Variants in Seed Tissues of Pinus merkusii Jungh. Et de Vriese. *Biochemical Genetics* 37.
- United Nations. (2016). *Conference of the Parties Report of the Conference of the Parties on its twenty-first session , held in Paris from 30 November to 13 December 2015 Addendum Part two : Action taken by the Conference of the Parties at its twenty-first session Contents Decis* (Vol. 1194).
- UN-REDD. (2016). *About REDD+*. Diambil dari: <http://www.unredd.net/about/what-is-redd-plus.html>, 24 September 2016, 11.00 WIB.
- Warsito, S. P. (2010). *Metoda Penyusunan Rencana Pengaturan Kelestarian*

Tegakan Hutan Pada Skala Unit Pengusahaan Hutan Alam Produksi Berbasis IHMB. Yogyakarta: Diandra Primamitra Media.

West, P. W. (2015). *Tree and Forest Measurement (Third Edition)*. Springer.
<https://doi.org/10.1007/978-3-319-14708-6>

Worldbank. 2015. Outcomes from COP 21: Forest as a Key Climate and Development Solution. Diambil dari:
<http://www.worldbank.org/en/news/feature/2015/12/18/outcomes-from-cop21-forests-as-a-key-climate-and-development-solution>, 24 September 2016, 12.30 WIB.