

## DAFTAR PUSTAKA

- Andeffa, H. 2021. *Kehidupan Etnis Jawa Di Desa Bedeng Delapan Kecamatan Kayu Aro Barat Tahun 1959-2012* (Doctoral dissertation, Universitas Jambi).
- Anjarsari, I. R. D., Rezamela, E., Syahrian, H., & Rahadi, V. H. 2020. *Pengaruh Cuaca Terhadap Hasil Pucuk Teh (Camellia Sinensis L.(O) Kuntze) Klon GMB 7 Pada Periode Jendangan Dan Pemetikan Produksi*. *Kultivasi*, 19(1), 1076. <https://doi.org/10.24198/kultivasi.v19i1.23375>.
- Arnanto, A. 2015. *Pemanfaatan Transformasi Normalized Difference Vegetation Index (NDVI) Citra Landsat Tm Untuk Zonasi Vegetasi Di Lereng Merapi Bagian Selatan*. *Geomedia: Majalah Ilmiah Dan Informasi Kegeografi*, 11(2), 155–170. <https://doi.org/10.21831/gm.v11i2.3448>.
- Arnold, R. W. 1988. *The World Wide Distribution Of Andisols And The Need For The Andisol Order In Soil Taxonomy*. In *Proc. 9th Int. Soil Classif. Workshop usda Soil Management Support Services, Washington dc (usa)*. Hal. 5-12.
- Balai Penelitian Tanah. 2009. *Petunjuk Teknis Analisis Kimia Tanah, Tanaman, Air dan Pupuk*. Balai Penelitian dan Pengembangan Pertanian : Bogor. 246 hal.
- Baldock J.A., and Sanderman, J. 2011. *Soil Organic Matter*, chap. II-1. In: Hunag PM, Li Y, Sumner ME (Hrsg) *Handbook of soil science*. CRC, Boca Raton.
- Barus, B., & Wiradisastra, D. U. 2000. *Sistem Informasi Geografi; Sarana Manajemen Sumberdaya. Laboratorium Pengindraan Jauh dan Kartografi Jurusan Tanah Fakultas Pertanian IPB*. Bogor.
- Blair, M. M. 1995. *Ownership and control: Rethinking corporate governance for the 21st century*. Washington D.C: The Brookings Institution. Pp. 62-64.
- Blakemore, L.C., Scarle, P.L., and Daly, B.K. 1987. *Soil Bureau Laboratory Methods for Chemical Analysis of Soil*. New Zealand. New Zealand Soil mBureau. Soil rep. 10 A. DSIRO.
- Dahal, N., & Bajracharya, R. M. 2013. *Prospects of Soil Organic Carbon Sequestration: Implications for Nepal's Mountain Agriculture*. *Journal of Forest and Livelihood*, 9(1), 45–56. <https://doi.org/10.3126/jfl.v9i1.8593>.
- Dahlgren, R.A., Saigusa, M., Ugolini, F.C., 2004. *The Nature, Properties and Management of Volcanic Soils*. Adv. Agron. 82, 113-182.
- Dalal, R.C. dan Chan, K.Y. 2001. *Soil Organic Matter in rainfed Cropping Systems of The Australian Cereal Belt*. Australia Journal of Soil Research Hal. 39, 435-64.
- Davidson, E. A., & Janssens, I. A. 2006. *Temperatur Sensitivity of Soil Carbon Decomposition and Feedbacks to Climate*. 440 (March). <https://doi.org/10.1038/nature04514>.
- Edwin, M. 2016. *Penilaian Stok Karbon Tanah Organik pada Beberapa Tipe Penggunaan Lahan di Kutai Timur, Kalimantan Timur*. *Jurnal Agrifor*, 15(2), 279–288.

- Eggerton, H. S., Buendia, L., Miwa, K., Ngara, T., & Tanabe, K. 2006. *IPCC Guidelines For National Greenhouse Gas Inventories Programme. IGES, Japan.*
- Ekadinata, A., Dewi, S., Hadi, D., Nugroho, D., & Johana, F. 2008. *Sistem informasi geografis untuk pengelolaan bentang lahan berbasis sumber daya alam. World Agroforestry Centre (ICRAF).* Bogor, Yudhistira.
- Faizal, A., & Amran, M. A. 2005. *Model Transformasi Indeks Vegetasi Yang Efektif Untuk Prediksi Kerapatan Mangrove Rhizophora Mucronata.* Pertemuan Ilmiah Tahunan MAPIN XIV, September, 14–15.
- Fiantis, D. 2006. *Laju Pelapukan Kimia Debu Vulkanis Gunung Talang dan Pengaruhnya Terhadap Proses Pembentukan Mineral Liat Non-kristalin.* Artikel Penelitian. Direktorat Jendral Pendidikan Tinggi. SURAT PERJANJIAN NO: 005/SP3/PP/DP2M/II/2006. Departemen Pendidikan Nasional. Fakultas Pertanian, Universitas Andalas.
- Firmansyah, F. 2015. *Kajian Efektivitas Pengolahan Air Minum Menggunakan Campuran Lempung dan Andisol Untuk Menjerap Logam Berat Kadmium (Cd) dan Bakteri Patogen.* March. Universitas Sebelas Maret Surakarta.
- Hairiah K., Ekadinata A, Sari RR, dan Rahayu S. 2011. *Pengukuran Cadangan Karbon Dari Tingkat Lahan Ke Bentang Lahan.* Petunjuk partis. Edisi kedua. Bogor, Word Agroforestry Center, ICRAF CEA Regional Office, University of Brawijaya (UB). Malang, Indonesia. 88 pp.
- Hanafiah, K.A. 2012. *Dasar - Dasar Ilmu Tanah.* PT Raja Grafindo Persada.
- Hartemink, A.E. 2008. *Soils Are Back On The Global Agenda.* Soils Use and Management, 24,327-330.
- Hessler, J.W., 1951, *Active Carbon*, Chemical Publishing Co Inc.
- Hoyle, F. C., Baldock, J. A., & Murphy, D. V. 2011. *Soil Organic Carbon-Role in Rainfed Farming Systems With Particular Reference to Australian Conditions.* Rainfed Farming Systems, May. <https://doi.org/10.1007/978-1-4020-9132-2>.
- Huygens, D., Boeckx, P., Cleemput, O. Van, Oyarzun, C., & Godoy, R. 2005. *Aggregate and Soil Organic Carbon Dynamics in South Chilean Andisols.* Biogeosciences, 2, 159–174.
- Jha, P., Biswas, A. K., Lakaria, B. L., Saha, R., Singh, M., & Rao, A. S. 2014. *Predicting Total Organic Carbon Content of Soils from Walkley and Black Analysis.* Communications in Soil Science and Plant Analysis, 45(6), 713–725. <https://doi.org/10.1080/00103624.2013.874023>.
- Kalbitz, K., Solinger, S., Park, J. H., Michalzik, B., & Matzner, E. (2000). *Controls On The Dynamics Of Dissolved Organic Matter In Soils: A Review.* Soil science, 165(4), 277-304.
- Köchy, M., Hiederer, R., & Freibauer, A. (2015). *Global distribution of soil organic carbon – Part 1: Masses and frequency distributions of SOC stocks for the tropics, permafrost regions, wetlands, and the world.* Soil, 1(1), 351–365.

- [https://doi.org/10.5194/soil-1-351-2015.](https://doi.org/10.5194/soil-1-351-2015)
- Kusumowidagdo, M., Sanjoto, T. B., Banowati, E., Setyowati, D. L., & Semedi, B. 2007. *Penginderaan Jauh dan Interpretasi Citra*. Pusat Data PJ LAPAN dan Jurusan Geografi UNS Semarang. 63 hal.
- Lal, R. 2003. *Soil Erosion And The Global Carbon Budget*. *Environment International*, 29 (4), 437–450. [https://doi.org/10.1016/S0160-4120\(02\)00192-7](https://doi.org/10.1016/S0160-4120(02)00192-7).
- Lembaga Penelitian Tanah. 1979. *Penuntun Analisis Fisika Tanah*. Departemen Ilmu Tanah. Balai Penelitian dan Pengembangan Pertanian : Bogor. 47 hal.
- Lillesand, T. M., Kiefer, R. W., Dulbahri, Suharsono, P., Hartono, Suharyadi, & Sutanto. 1993. *Penginderaan Jauh Dan Interpretasi Citra*. Gadjah Mada University.
- Lorenz, K., & Lal, R. 2005. *The Depth Distribution of Soil Organic Carbon in Relation to Land Use and Management and the Potential of Carbon Sequestration in Subsoil Horizons*. *Advances in Agronomy*, 88, 35–66. [https://doi.org/10.1016/S0065-2113\(05\)88002-2](https://doi.org/10.1016/S0065-2113(05)88002-2).
- Majumder, K. 2007. *The Ecology of Indonesia series Volume III: The Ecology of Kalimantan*. Dalhousie University, Peri plus Editions Ltd. Singapore. pp. 296-300.
- Mayer, L. M., Schick, L. L., Hardy, K. R., Wagai, R., & McCarthy, J. (2004). *Organic matter in small mesopores in sediments and soils*. *Geochimica et Cosmochimica Acta*, 68(19), 3863–3872. <https://doi.org/10.1016/j.gca.2004.03.019>.
- Nelson, D. W., & Sommers, L. E. 2018. *Total Carbon, Organic Carbon, And Organic Matter. Methods of Soil Analysis, Part 3: Chemical Methods*, 5, 961–1010. <https://doi.org/10.2136/sssabookser5.3.c34>.
- Padrikal, R. 2021. *Pemetaan Digital Geokimia Tanah Vulkanis Pada Perkebunan Teh Liki Gunung Kerinci*. [Skripsi] Fakultas Pertanian Universitas Andalas. Padang. (Proses Penerbitan)
- Pizarro, C., Escudey, M., & Fabris, J. D. 2003. *Influence of organic matter on the iron oxide mineralogy of volcanic soils*. *Hyperfine interactions*, 148(1), 53–59.
- Rahmad, 2002. *Inventarisasi Sumber Daya Lahan Kabupaten Pelalawan dengan Menggunakan Data Citra Satelit*. Volume v (No. 1).
- Rahman, A. A., & Sandi, A. 2009. *Analisis Indeks Vegetasi Menggunakan Citra Alos/Amvir-2 Dan Sistem Informasi Geografi (Sig) Untuk Evaluasi Tata Ruang Kota Denpasar*. *Jurnal Bumi Lestari*, 9(1), 1–11. <http://www.academia.edu/download/31449981/45084379-01-Analisis-Indeks-Vegetasi-Menggunakan-Citra-Alos.pdf>.
- Rakhmawati, M. 2012. *Hubungan Biomassa Penutup Lahan Dengan Indeks Vegetasi Di Kabupaten Mamuju Utara*. 14(2), 157–169.

- Robinson A, J. Morrison., P. Muehrcke., J. Kimerling., and S. Guptill. 1995. *Element of Cartography. Edisi ke-6.* New York. John Wiley & Sons Inc.
- Ruddiman, W. 2007. *Losses of soil carbon Plows, Plagues, and Petroleum: How Humans Took Control of Climate.* Princeton, NJ: Princeton University Press. 202 pp.
- Satelite,C. 2016. Sentinel 2-A. <http://citrasantelit.wordpress.com/2016/0921/sentinel-2a-10-meter/> diakses pada 24 Juli 2017.
- Schmidt, F.H., and J.H.A. Ferguson. 1951. *Rainfall Type Based on Wet and Dry Period Ratio for Indonesia With Westren New Gurinea.* Djawatan Meteorologi dan Geofisika. Jakarja.42-77.
- Shoji, S., Nanzyo, M., & Dahlgren, R. A. 1994. *Volcanic Ash Soils: genesis, properties and utilization.* Amsterdam, The Netherlands: Elsevier.
- Soenarmo, S. H. 2009. *Penginderaan Jauh dan Pengenalan Sistem Informasi Geografis untuk Bidang Ilmu Kebumian.* ITB Bandung.
- Stevenson, F.J. 1994. *Humus Chemistry, Genesis, Composition, Reaction.* Second Ed. New York: John Wiley & Sons. Inc. 496 pp.
- Sudaryo, S. 2009. *Identifikasi Dan Penentuan Logam Berat Pada Tanah Vulkanik Di Daerah Cangkringan, Kabupaten Sleman Dengan Metode Analisis Aktivasi Neutron Cepat.* In Seminar Nasional V SDM Tekonlogi. Yogyakarta (Vol. 5).
- Sundarapandian, S. M., Amritha, S., Gowsalya, L., Kayathri, P., Thamizharasi, M., Dar, J. A., & Gandhi, S. 2014. *Estimation of Biomass and Carbon Stock of Woody Plants in Different Land-Uses.* Forest Research: Open Access, 03(01). <https://doi.org/10.4172/2168-9776.1000115>.
- Torn, M. S., Trumbore, S. E., Chadwick, O. A., Vitousek, P. M., & Hendricks, D. M. 1997. *Mineral control of soil organic carbon storage and turnover.* Nature, 389(6647), 170–173. <https://doi.org/10.1038/38260>.
- Van Bemmelen R.W. 1949. *The geology of Indonesia.* The Haque Martinus Nijhoff, Vol IA (653 – 732).
- Van Breemen, N., and P. Buurman. 1998. *Soil Formation.* Kluwer Academic Publishers. Dordrecht, The Netherlands. Hal 377-381.
- Veres, D. S. 2002. *A Comparative study Between Loss On Ignition And Total Carbon Analysis On Minerogenic Sediments.* University of Babes-Boya 171–182.
- Wahyunto, S. Ritung, dan Widagdo. 2003. *Laporan Akhir Teknologi Penginderaan Jauh untuk Efisiensi Inventarisasi dan Monitoring Sumberdaya Lahan.* Balai Penelitian Tanah. Puslitbang Tanah dan Agroklimat. Badan Litbang Pertanian.
- Walcott j., B. S. and S. J. 2009. *Soil Carbon For Carbon Sequestration And Trading: A Review Of Issues For Agriculture And Forestry.* Bureau of Rural Sciences, Department of Agriculture, Fisheries & Forestry, Canberra. Soil.
- Wang, G., Luo, Z., Han, P., Chen, H., & Xu, J. 2016. *Critical Carbon Input To*

- Maintain Current Soil Organic Carbon Stocks In Global Wheat Systems.* *Scientific Reports*, 6(January), 1–8. <https://doi.org/10.1038/srep19327>.
- Wibowo, Y. 2009. *Evaluasi Kesesuaian Lahan Untuk Perkebunan Tanaman Teh Di Kecamatan Bandar Di Kabupaten Batang*. Surakarta: Doctoral Dissertation, Universitas Muhammadiyah Surakarta.
- Widodo, C. S. 2019. *Pengantar Biostatistik*. Universitas Brawijaya Press.
- Yanuar, R. C., Hanintyo, R., & Muzaki, A. A. 2018. *Penentuan Jenis Citra Satelit Dalam Interpretasi Luasan Cahaya Tampak Studi Kasus : Wilayah Pesisir Sanur*. *Geomatika*, 23(2), 75–86.
- Yulnafatmawita, dan Yasin, S. 2018. *Organic Carbon Sequestration Under Selected Land Use In Padang City, West Sumatra, Indonesia*. *IOP Conference Series: Earth and Environmental Science*, 129(1). <https://doi.org/10.1088/1755-1315/129/1/012021>.

