

DAFTAR PUSTAKA

- Akhbar, M.S., dan Arianingsih, I. 2016. Cadangan Karbon Tanah pada Berbagai Tingkat Kerapatan Tajuk di Hutan Lindung Kebun Kopi Desa Nupabomba Kecamatan Tanantovea Kabupaten Donggala. *Warta Rimba* Vol. 4, No. 1 (2016).
- BPS Sijunjung. 2018. Kecamatan Koto VII dalam Angka 2018. Muaro Sijunjung. 125 halaman.
- Behtari, B., Jafarian, Z., Alikhani, H. 2019. Temperature Sensitivity of Soil Organic Matter Decomposition in Response to Land Management in Semi-arid Rangeland of Iran. *Catena* 179 (2019) 210-219. DOI: 10.1016/j.catena.2019.03.043
- Bryan, D., Sukotjo, B.M., Wahyu, U. 2013. Analisa Relasi Perubahan Tutupan Lahan dan Suhu Permukaan Tanah di Kota Surabaya Menggunakan Citra Satelit Multispektral Tahun 1994 - 2012. *Jurnal Teknik Pomits* Vol. 2, No. 1 (2013).
- Chan, K.Y. 2001. Soil Particulate Organic Carbon Under Different Land Use and Management. *Soil Use and Management* 217-221. DOI: 10.1079/SUM200180
- Cholianawati, N. 2010. Penerapan Metode Thorntwaite untuk Mengestimasi Evapotranspirasi di DAS Citarum Menggunakan Data Terra-Modis. *Prosiding Seminar Nasional Sains Atmosfer*. Bandung.
- Dai, S., Li, L., Ye, R., Zhu-Barker, X., Horwath, W.R. 2017. The Temperature Sensitivity of Organic Carbon Mineralization is Affected by Exogenous Carbon Input and Soil Organic Carbon Content. *European Journal of Soil Biology* 81 (2017) 69-75. <http://dx.doi.org/10.1016/j.ejsobi.2017.06.010>
- Dash, P.K., Bhattacharyya, P., Roy, K.S., Neogi, S., Nayak, A.K. 2019. Environmental Constrains' Sensitivity of Soil Organic Carbon Decomposition to Temperature, Management Practices and Climate Change. *Ecological Indicators* 107 (2019) 105644. DOI: 10.1016/j.ecolind.2019.105644
- Edwin, M. 2016. Penilaian Stok Karbon Tanah Organik pada Beberapa Tipe Penggunaan Lahan di Kutai Timur, Kalimantan Timur. *Jurnal AGRIFOR* Vol. XV No. 2 (2016)
- Ermadani, Hermansyah, Yulnafatmawita, Syarif, A. 2018. Dynamic of Soil Organic Carbon Fraction Under Different Land Management in Wet

- Tropical Areas. *Jurnal Solum* Vol. 15 No. 1 (2018).
<http://dx.doi.org/10.25077/j.solum.15.1.26-39.2018>
- Fathizad, H., Tazeh, M., Kalantari, S., Shojaei, S. 2017. the Investigation of spatiotmporal Variations of Land Surface Temperature Based on Land Use Change Using NDVI in Southwest of Iran. *Journal of Africa Earth Science* 134 (2017) 249-256.
<http://dx.doi.org/10.1016/j.jafrearsci.2017.06.007>
- Galvao, L.S., Formaggio, A.R., Couto, E.G., Roberts, D.A. 2008. Relationship Between the Mineralogical and Chemical Composition of Tropical Soils and Topography from Hyperspectral Remote Sensing Data. *Journal of Photogrammatry & Remote Sensing* 63 (2008) 259-271. DOI: 10.1016/j.isprsjprs.2007.09.006
- Guan, S., An, N., Zong, N., He, Y., Shi, P., Zhang, J., He, N. 2018. Climate Warming Impact on Soil Organic Carbon Fractions and Aggregate Stability in a Tibetan Alpine Meadow. *Soil Biology and Biochemistry* 116 (2018) 224-236. <http://dx.doi.org/10.1016/j.soilbio.2017.10.011>
- Hakim, N., M.Y. Nyakpa, A.M. Lubis, S.G. Nugroho, M.R. Saul, M.A. Diha, G.B. Hong, dan H.H. Bailey. 1986. *Dasar-dasar Ilmu Tanah*. Universitas Lampung. 487 halaman.
- Hanafiah, K.A. 2005. *Dasar-dasar Ilmu Tanah*. Jakarta. Raja Grafindo Persada. 360 halaman.
- Hardjowigeno, S. 2003. *Klasifikasi Tanah dan Pedogenesis*. Jakarta: Akademika Pressindo. 285 halaman.
- Hardjowigeno, S. dan L. Rayes. 2005. *Tanah Sawah, Karakteristik, Kondisi, dan Permasalahan Tanah Sawah di Indonesia*. Bayumedia. Malang. 205 halaman.
- Hardjowigeno, S. 2010. *Ilmu Tanah*. Jakarta. Akademika Pressindo. 284 halaman.
- Hou, G., Delang, C.O., Lu, X. 2020. Afforestation Change Soil Organic Carbon Stocks on Sloping Land: The Role of Previous Land Cover and Tree Type. *Ecological Engineering* 152 (2020) 105860. DOI: 10.1016/j.ecoleng.2020.105860
- Husnain. 2010. Kehilangan Unsur Hara Akibat Pembakaran Jerami Padi dan Potensi Pencemaran Lingkungan. Prosiding seminar nasional sumber daya lahan pertanian. Balai Penelitian Tanah.

- Iskandar, B. 2014. *Dinamika Litterfall dan Kecepatan Dekomposisi Serasah pada Agroekosistem Perkebunan Karet di Kabupaten Dharmasraya*. Skripsi. Universitas Andalas. Padang. 54 halaman.
- Julkarnaim, J. 2017. *Analisis Hubungan Penutupan Lahan dengan Suhu Permukaan Lahan Menggunakan Penginderaan Jauh di Kabupaten Klaten Tahun 2016*. Skripsi. Universitas Muhammadiyah Surakarta. Surakarta. 25 halaman
- Kassa, H., Dondeyne, S., Poesen, J., Frankl, A., Nyssen, J. 2017. Impact of Deforestation on Soil Fertility, Soil Carbon and Nitrogen Stock: the Case of the Gacheb Catchment in the White Nile Basin, Ethiopia. *Agriculture, Ecosystem and Environment* 247 (2017) 273-282. <http://dx.doi.org/10.1016/j.agee.2017.06.034>
- Khandelwal, S., Goyal, R., Kaul, N., Mathew, A. 2018. Assessment of Land Surface Temperature Variation due to Change in Elevation of Area Surrounding Jaipur India. *The Egyptian Journal of Remote Sensing and Space Science* 21 (2018) 87-94. <http://dx.doi.org/10.1016/j.ejrs.2017.01.005>
- Krauss, M., Ruser, R., Muller, T., Hansen, S., Mader, P., Gattinger, A. 2017. Impact of Reduced Tillage on Greenhouse Gass Emissions and Soil Carbon Stock in an Organic Grass-clover Ley - Winter Wheat Cropping Sequence. *Agriculture, Ecosystem and Environment* 239 (2017) 324-333. <http://dx.doi.org/10.1016/j.agee.2017.01.029>
- Li, J., Wen, Y., Li, X., Li, Y., Yang, X., Lin, Z., Song, Z., Cooper, J.M., Zhao, B. 2018. Soil Labile Organic Carbon Fraction and Soil Carbon Stocks as Affected by Long-term Organic and Mineral Fertilization Regimes in the North China Plain. *Soil & Tillage Research* 175 (2018) 281-290. <http://dx.doi.org/10.1016/j.still.2017.08.008>
- Martin, J.A.R., Alvaro-Fuentes, J., Gabriel, J.L., Gutierrez, C., Nanos, N., Escuer, M., Ramos-Miras, J.J., Gil, C., Martin-Lammerding, D., Boluda, R. 2019. Soil Organic Carbon Stock on the Majorca Island: Temporal Change in Agricultural Soil Over the Last 10 Years. *Catena* 181 (2019) 104087. DOI: <http://dx.doi.org/10.1016/j.catena.2019.104087>
- Meki, M.N., Kemanian, A.R., Potter, S.R., Blumental, J.M., Williams, J.R., Gerik, T.J. 2013. Cropping System Effects on Sorghum Grain Yield, Soil Organic Carbon, and Global Warming Potential in Central and South Texas. *Agricultural System* 117 (2013) 19-29. DOI: [10.1016/j.agsy.2013.01.004](http://dx.doi.org/10.1016/j.agsy.2013.01.004)

- Minasny, B., Malone, B.P., McBratney, A.B., Angers, D.A., Arrouays, D., Chambers, A., Chaplot, V., Chen, Z., Cheng, K., Das, B.S., Field, D.J., Gimona, A., Hedley, C.B., Hong, S.Y., Mandal, B., Marchant, B.P., Martin, M., McConcey, B.G., Mulder, V.L., O'Rourke, S., Richer-de-Forges, A.C., Odeh, I., Padarian, J., Paustian, K., Pan, G., Poggio, L., Savin, I., Stolbavoy, V., Stockman, U., Sulaeman, Y., Tsui, C., Vagen, T., van Wesemael, B., Winowiecki, L. 2017. Soil Carbon 4 per Mille. *Geoderma* 292 (2017) 59-80. <http://dx.doi.org/10.1016/j.geoderma.2017.01.002>
- Mingjun, T., Lixiong, Z., Wenfa, X., Zhiling, H., Zhixiang, Z., Zhaogui, Y., Phengcheng, W. 2017. Spatial Variability of Soil Organic Carbon in Three Gorges Reservoir Area, China. *Science of the Total Environment* 599-600 (2017) 1308-1316. DOI: 10.1016/j.scitotenv.2017.05.085
- Nurida, N.L., Haridjaja, O., Arsyad, S., Sudarsono, Kurnia, U., Djajakirana, G. 2007. Perubahan Fraksi Bahan Organik Tanah Akibat Perbedaan Cara Pemberian dan Sumber Bahan Organik pada Ultisol Jasinga. *Jurnal Tanah dan Iklim* No. 26 (2007).
- Plante, A.F., Conant, R.T., Stewart, C.E., Paustian, K., Six, J. 2006. Impact of Soil Texture on the Distribution of Soil Organic Matter in Physical and Chemical Fractions. *Soil Science society of America* 70:287-296 (2006). DOI: 10.2136/sssaj2004.0363.
- Pratiwi, Z.H. 2017. *Determinasi Kandungan Bahan Organik Partikulat pada Tiga Ordo Tanah (Oxisol, Ultisol, Inceptisol) di Kecamatan Harau Kabupaten Lima Puluh Kota*. Skripsi. Universitas Andalas. Padang. 48 halaman.
- Pires, C.V., Schaefer, C.E.R.G., Hashigushi, A.K., Thomazini, A., Filho, E.I.F., Mendonca, E.S. 2017. Soil Organic Carbon and Nitrogen Polls Drive Soil C-CO₂ Emissions from Selected Soil in Maritime Antarctica. *Science of the Total Environment* 596-597 (2017) 124-135. <http://dx.doi.org/10.1016/j.scitotenv.2017.03.144>
- Puturuhu, F. 2015. *Geologi Ilmu Tanah dan Sumber Daya Lahan*. Yogyakarta. Penerbit Ombak. 102 halaman.
- Qi, R., Li, J., Lin, Z., Li, Z., Li, Y., Yang, X., Zhang, J., Zhao, B. 2016. Temperature Effects on Soil Organic Carbon, Soil Labile Carbon Fraction, and Soil Enzyme Activities Under Long-term Fertilization Regimes. *Applied Soil Ecology* 102 (2016) 36-45. <http://dx.doi.org/10.1016/j.apsoil.2016.02.004>

- Qin, Z. and Karnieli, A. 1999. Progress in the Remote Sensing of Land Surface Temperature and Ground Emissivity Using NOAA-AVHRR data. *Int. J. Remote Sensing* vol. 12, 2367-2393. DOI: 10.1080/014311699212074
- Rachim, D.A. dan Arifin, M. 2011. *Dasar-dasar Klasifikasi dan Taksonomi Tanah*. Bandung. Penerbit Pustaka Reka Cipta. 402 halaman.
- Rittl, T.F., Oliviera, D., Cerri, C.E.P. 2017. Soil Carbon Stock Change Under different Land Use in the Amazon. *Geoderma Regional* 10 (2017) 138-143. <http://dx.doi.org/10.1016/j.geodrs.2017.07.004>
- Sakalli, A., Cescatti, A., Dosio, A., Gucl, M.U. 2017. Impact of 2oC Global Warming on Primary Production and Soil Carbon Storage Capacity at Pan-European Level. *Climate Service* 7 (2017) 64-77. <http://dx.doi.org/10.1016/j.cliser.2017.03.006>
- Sari, T., Rafdinal, Linda, R. 2017. Hubungan Kerapatan Tanah, Karbon Organik Tanah dan Cadangan Karbon Organik Tanah di Kawasan Agroforestri Tembawang Nanga Pemubuh Sekadau Hulu Kalimantan Barat. *Jurnal Protobiont* Vol. 6, No. 3 (2017).
- Saputra, D.D., Putrantyo, A.R., Kusuma, Z. 2018. Hubungan Karbon Organik Tanah dengan Berat Isi, Porositas dan Laju Infiltrasi pada Perkebunan Salak di Kecamatan Purwosari, Kabupaten Pasuruan. *Jurnal Tanah dan Sumberdaya Lahan* Vol. 5 No. 1 : 647-654, 2018.
- Sasky, P., Sobirin, Wibowo, A. 2017. Pengaruh Perubahan Penggunaan Tanah Terhadap Suhu Permukaan Daratan Metropolitan Bandung Raya Tahun 2000 - 2016. 8th Industrial Research Workshop and National Seminar Politeknik Negeri Bandung.
- Sayao, V.M., Dematte, J.A.M., Bedin, L.G., Nanni, M.R., Rizzo, R. 2018. Satellite Land Surface Temperature and Reflectance Related with Soil Attributes. *Geoderma* 325 (2018) 125-140. DOI: 10.1016/j.geoderma.2018.03.026
- Sayao, V.M., dos Santos, N.V., Mendes, W.S., Marques, K.P.P., Safanelli, J.L., Poppiel, R.R., Dematte, J.A.M. 2020. Land Use/Land Cover Change and Bare Soil Surface Temperature Monitoring in Southeast Brazil. *Geoderma Regional*. DOI: 10.1016/j.geodrs.2020.e00313
- Septianugraha, R. dan Suriadikusumah, R. 2011. Pengaruh Penggunaan Lahan dan Kemiringan Lereng Terhadap C-organik dan Permeabilitas Tanah di Sub DAS Cisangkuy Kecamatan Pangalengan, Kabupaten Bandung. *Pustaka Ilmiah Universitas Padjadjaran*.

- Smith, P., Fang, C., Dawson, J.J.C., Moncrieff, J.B. 2008. Impact of Global Warming on Soil Organic Carbon. *Advance in Agronomy* volume 97. DOI: 10.1016/S0065-2113(07)00001-6
- Soewandita, H. 2003. Pemulihan Hara N, P, dan K pada Tanah Terdegradasi dengan Penambahan Amelioran Organik (Kasus pada Latosol Coklat Kemerahan di Sukabumi. *Jurnal Sains dan Teknologi*.
- Song, B., Niu, S., Zhang, Z., Yang, H., Li, L., Wan, S. (2012). Light and Heavy Fraction of Soil Organic Matter In Response to Climate Warming and Increased Precipitation In a Temperate Steppe. *Plos One* 7(3): e33217. DOI: 10.1371./journal.pone.0033217
- Song, X.-D., Yang, J.-Y., Zhao, M.-S., Zhang, G.-L., Liu, F., Wu, H.-Y. 2019. Heuristic Cellular Automaton Model for Simulating Soil Organic Carbon Under Land Use and Climate Change: a Chase Study in Eastern China. *Agriculture, Ecosystem and Environment* 269 (2019) 156-166. DOI: 10.1016/j.agee.2018.09.034
- Strosser, E. 2010. Methods for Determination of Labile Soil Organic Matter: An Overview. *Journal of Agrobiology* 27(2): 49-60. DOI: 10.2478/s10146-009-0008-x
- Tabuni, Y., Porong, J.V., Rogi, J.E.X. 2018. Pendugaan Evapotranspirasi Bulanan Tanaman Padi Sawah dengan Menggunakan Model Simulasi Tanaman di Kabupaten Jayawijaya Provinsi Papua. *Cocos* Vol. 1 No. 2 (2018).
- Utomo, M., Sudarsono, Rusman, B., Sabrina, T., Lumbanraja, J., Wawan. 2016. *Ilmu Tanah Dasar-dasar dan Pengelolaan*. Jakarta. Prenadamedia Group. 433 halaman.
- Walidatika, N. 2017. *Estimasi Evapotranspirasi Melalui Analisis Metode Kesetimbangan Energi di Kabupaten Bantul Tahun 2015 dengan Memanfaatkan Citra Landsat 8*. Skripsi. Universitas Muhammadiyah Surakarta. Surakarta. 19 halaman
- Wang, Y., Hu, B.K.H., Myint, S.W., Feng, C., Chow, W.T.L., Passy, P.F. 2018. Patterns of Land Change and Their Potential Impacts on Land Surface Temperature Change in Yangon, Myanmar. *Science of the Total Environment* 643 (2018) 738-750. <http://dx.doi.org/10.1016/j.scitotenv.2018.06.209>

Wulf, H., Mulder, T., Schaepman, M.E., Keller, A., Jorg, P. 2015. Remote Sensing of Soils. Zurich: University of Zurich, Remote Sensing Laboratories. DOI: 10.5167/uzh-109992

Zhou, Y., Hartemink, A.E., Shi, Z., Liang, Z., Lu, Y. 2018. Land Use and Climate Change Effect on Soil Organic Carbon in North and Northeast China. *Science of the Total Environment* 647 (2019) 1230-1238. <http://dx.doi.org/10.1016/j.scitotenv.2018.08.016>

