

## DAFTAR PUSTAKA

- Austin, D. 2006. Influence of cation exchange capacity (CEC) in a tidal flow, flood and drain wastewater treatment wetland. *Ecological Engineering* 28 (2006) 35-43. Elsevier
- Banjarnahor, N., Hindarto, K. S., and Fahrurrozi, F. 2018. Hubungan Kelerengan Dengan Kadar Air Tanah, Ph Tanah, Dan Penampilan Jeruk Gerga Di Kabupaten Lebong. *Jurnal Ilmu-Ilmu Pertanian Indonesia*, 20(1), 13–18.
- Coleman D., Mac A. Callahan, D. A. Crossley. 2018. Decomposition and Nutrient Cycling. Chapter 5. Elsevier
- Dang M. V. 2005. Soil–plant nutrient balance of tea crops in the northern mountainous region, Vietnam. *Agriculture, Ecosystem and Environment*. Science Direct
- Diby L., Kahia J., Kouame C., and Aynekulu A. 2017. Tea, Coffee, and Cocoa. Elsevier.
- Fetty D. R, Mahfud, A., Ridha, H., dan Apong. 2018. Pengaruh Kelas Kemiringan dan Posisi Lereng terhadap Ketebalan Lapisan Olah, Kandungan Bahan Organik, Al dan Fe pada Alfisol di Desa Gunungsari Kabupaten Tasikmalaya. Departemen IlmuTanah dan Sumber Daya Lahan, Fakultas Pertanian, Universitas Padjadjaran.
- Firiana Junica, Krispinaus Kedati Pukan, Lina Herlina. 2009. Aktivitas Enzim Nitrat Reduktase Kedelai Kultivar Burangrong akibat Variasi Kadar Air Tanah pada Awal Pengisian Polong. *Journal of Life Science*. Universitas Negeri Semarang.
- Frei M., Böll A., and Graf F., 2003. Quantification of the influence of vegetation on soil stability. In: Lee , CF; Tham , LG (eds) *Proceedings of the International Conference on Slope Engineering*. Hong Kong, China. Department of Civil Engineering, University of Hong Kong.
- Gina Garland, E.K. Bünemann, A. Oberson, E. Frossard, S. Snapp, R. Chikowo, and J. Six. 2018. Phosphorus cycling within soil aggregate fractions of a highly weathered tropical soil: A conceptual model. *Soil Biology and Soil Chemistry*.
- Horbowicz, M., Kowalczyk, W., Grzesiuk, A. And Mitrus, J. 2011. Uptake of aluminium and basic elements and accumulation of anthocyanins in seedlings of common buckwheat (*Fagopyrum esculentum* Moench) as a result increased level of alumunium in nutrient solution. *Ecological Chemistry and Engineering* 18 (4), 479-488.

- Howarth, William . 2015. Carbon Cycling : The Dinamics and Formation of Organic Matter. Chapter 12. Elsevier
- Jiang X., Hu Y., Badell J.H, Xie D., Wright A.L. 2011. Soil Organic Carbon and Organic Content in Aggregate Size Fraction of A Subtropical Soil Under Variable Tillage. Soil Use and Management. British Society of Soil Science
- Kusumaningtyas, A. S., Cahyono, P., Sudarto, & Suntari, R. (2015). Pengaruh Tinggi Muka Air Tanah Terhadap pH, Eh, Fe, Al dd, Mn Dan P Terlarut Pada Tanaman Nanas Klon GP3 Di Ultisol. *Jurnal Tanah Dan Sumberdaya Lahan*, 2(1), 103–109.
- Karak T., Paul R.K., Boruah R.K., Sonar I., Bordoloi B., Dutta A.K. and Borkotoky B., 2015. Major Soil Chemical Properties of the Major Tea-Growing Areas in India. Soil Science Society of China.
- Nofelman, T., Karim, A., & Anhar, A. (2012). *Jurnal Manajemen Sumberdaya Lahan Volume 01 No 1 Juni 2012*.
- Liu H.T., Li Yao, Chao Wen Lina, Xie Wang, Wen Zhi Xu, and Hong Wang. 2018. 18-year grass hedge effect on soil water loss and soil productivity on sloping cropland. *Soil and Tillage Research*.
- Liu Peng Fei, Hu Yongguang, Jiang Feng, Wang Sheng. 2018. Influence of Sloping Tea Fields on Soil Moisture Migration. Elsevier.
- Ma Yu-hua, Song-ling Fu, Xue-ping Zhang, Kang Zhao, Han Y.H. Chen. 2016. Intercropping improves soil nutrient availability, soil enzyme activity and tea quantity and quality. Elsevier.
- Nurhidayati. 2017. Kesuburan dan Kesehatan Tanah. Pengantar Penilaian Kualitas Tanah Menuju Pertanian Berkelanjutan.
- Pusat Penelitian Tanah dan Agroklimat (Puslittanak). 2000. Atlas Sumberdaya Tanah Eksplorasi Indonesia, skala 1:1.000.000. Pusat Penelitian Tanah dan Agroklimat. Badan Litbang Pertanian, Departemen Pertanian, Bogor.
- Pusat Penelitian Tanaman Teh dan Kina. 2006. Petunjuk kultur teknis tanaman teh. Edisi ketiga. PPTK, Gambung.
- Peoples M.B., Richardson A.E., Simpson R.J. Soil : Nutrient Cycles. CSIRO Plant Industriy, Canberra, CT, Australia. Elsevier.
- Rahardjo, P., Salim A. A., dan Rachmiati Y. (2009). Formula NPK organik lepas lambat dan bahan organik untuk mengatasi degradasi hara di perkebunan teh. Prosiding Pertemuan Teknis Teh Tahun 2009. Solo 14-15 Oktober 2009.
- Regelink C. Inge. Catelijne R. Stoof, Svetla Rousseva, Liping Weng, George J. Lair, Pavel Kram, Nikolaos P. Nikolaidis, Milena Kercheva, Steve Banwart, Rob

- N.J. Comans. 2015. Linkage Between Aggregat Formation, Porosity and Soil Chemical Properties. *Geoderma* 247-248. Elsevier.
- Ruan J, Ma L., Shi Y., Zhang F. 2004. Effect of Litter Incooperation and Nitrogen Fertilization on The Contents of Extractable Aluminum in The Rhizosphere Soil of Tea Plant (*Camillia sinensis* L) O. Kuntze). *Plant Soil*.
- Rhodes R., Miles N., Hughes J.C. 2018. Interactions between potassium, calcium and magnesium in sugarcane grown on two contrasting soils in South Africa. *Field Crop Research*.
- Robertson G.P. dan P.F. Groffman. 2015. *Soil Microbiology, Ecology, and Biochemistry*, Chapter 14 ; Nitrogen Transformation. Elsevier.
- Sarker J. R., Singh B. P., Cowie A. I., Fang Y., Collins D, Dougherty W.J., Singh B. K. 2018. Carbon and nutrient mineralisation dynamics in aggregate-size classes from different tillage systems after input of canola and wheat residues. *Soil Biology and Biochemistry*.
- Scheffer F., Schatchabel P., 2002. *Lehrbuch der Bodenkunde*. Heidelberg – Berlin, Spektrum Akademischer Verlag. 593 p.
- Senthurphandian V.R., S. Venkatesan, S. Jayaganesh. 2009. Calsium and Magnesium releasing capacity of Alfisols under tea in south India. *Geoderma*.
- Shena Qinhua, Manuel Suarez-Abelendab, Marta Camps-Arbestaina, Roberto Calvelo Pereiraa, Samuel R. McNallyc, Francis M. Kelliherd . 2018. An investigation of organic matter quality and quantity in acid soils as influenced by soil type and land use. *Geoderma*.
- Snyder V. A. dan Vazquez M. A. 2005. *Structure*. University of Puerto Rico Agricultural Experiment Station, San Juan. Puerto Rico. Elsevier.
- Street Rene´ e , Ondr´ ej Dra´ bek, Jiřina Sza´ kova´ , Lenka Mla´ dkova. 2007. Total content and speciation of aluminium in tea leaves and tea infusions. *Food Chemistry* 104 (2007) 1662-1669. Elsavier.
- Sutton P., Sharolyn J.A., Costanza R.,Kubiszewski I. 2016. *The Ecological Economic of Land Degradation : Impact of Ecosystem Value*. Elsevier
- Sys. C, Van Ranst E., Debaveye J., Beernaert F. 1993. *Plant Evaluation Part III: Crop Requirements*. Agricultural Publications no 7. General Administration for Development Cooperation Place du Champ de Mars 5 bte 57 –1050 Brussels. Belgium.
- Senthurpandian V. K., Venkatesan S and Jayaganesh S. 2009. Calcium and magnesium releasing capacity of Alfisols under tea in south India. Chemistry Division, UPASI Tea Research Foundation, Nirar Dam BPO, Valparai, 642



127, Coimbatore, Tamil Nadu, India. Cavinkare Research Centre Ekkattuthangal, Chennai, TN, India

- Tripathi R., Nayak A. K., Bhattacharyya P., Shukla A. K., Shahid M., Radja R., Panda B. B., Mohanty S., Kumar A., Thilagam V. K. 2014. Soil Aggregation and Distribution of Carbon and Nitrogen in Different Fraction after 41 Years Long-Term Fertilizer Experiment in Tropical Rice-Rice System. *Geoderma*.
- Tan. K.H dan P.S. Dowling. 1984. Effect of Organic Matter on CEC due to Permanent and Variable Charge Selected Temperate Region Soils. Agronomy Department, University of Georgia, Austin (U.S). *Geoderma*
- Wang Jing, Beibei Zhang, Ye Tiana, Huanchao Zhanga, Yi Cheng, Jinbo Zhang. 2018. A soil management strategy for ameliorating soil acidification and reducing nitrification in tea plantations. *European Journal of Biology*.
- Wang Shengqiang, Tingxuan Li, Zicheng Zheng . 2018. Effects of tea plantation age on soil aggregate-associated C- and N-cycling enzyme activities in the hilly areas of Western Sichuan, China. *Elsevier*.
- Wang Shengqiang, Tingxuan Li, Zicheng Zheng. 2018. Response of soil aggregate-associated microbial and nematode communities to tea plantation age. *Catena*.
- Wang Shengqiang, Tingxuan Li, Zicheng Zheng. 2018. Tea plantation age effects on soil aggregate-associated carbon and nitrogen in the hilly region of western Sichuan, China. *Soil and Tillage Research*.
- Wei Li, Zheng Z., Li T., Zhang X., Wang Y., Yu H., He S., Liu T. 2015. Effect of Tea Plantation Age on The Distribution of Soil Organic Carbon Fraction within Water Stable Aggregat in Hilly Region in Sichuan , China. *Catena*.
- Xu Guoce, Shengdong Cheng, PengLi, Zhanbin Li, Haidong Gao, Kunxia Yu, Kexin Lu, Peng Shi, Yuting Cheng, Binhua Zhao . 2017. Soil total nitrogen sources on dammed farmland under the condition of ecological construction in a small watershed on the Loess Plateau, China. *Ecological Engineering*.
- Xu Ping, Yang Liyun, Liu Moucheng and Peng Fei. 2014. Soil Characteristics and Nutrients in Different Tea Garden Types in Fujian Province, China. *Journal Resources and Ecology*.
- Yan Peng, Chen Shen, Lichao Fan, Xin Li, Liping Zhang, Lan Zhang, Wenyan Han . 2018. Tea planting affects soil acidification and nitrogen and phosphorus distribution in soil. *Elsevier*.
- Yang Xiang-de, Kang Ni, Yuan-zhi Shi, Xiao-yun Yi, Qun-feng Zhang, Li Fang . 2018. Effects of long-term nitrogen application on soil acidification and solution chemistry of a tea plantation in China. *Agriculture, Ecosystem and Environment*.

Zheng Zao, Changbin Chu, Deping Zhou, Zhimin Sha, Shuhang Wu. 2019. Soil nutrient status and the relation with planting area, planting age and grape varieties in urban vineyards in Shanghai. *Heliyon*

Zheng Zicheng, He Xiaoling, Li Tingxuan. 2011. Status and Evaluation of the Soil Nutrients in Tea Plantation. International Conference on Environmental Science and Engineering

Zheng Zicheng, He Xiaoling, Li Tingxuan . 2012. Status and Evaluation of the Soil Nutrients in Tea Plantation. International Conference on Environmental Science and Engineering.

Zhu Jing, Min Li, Mick Whelan. 2018. Phosphorus Activators Contribute to Legacy Phosphorus Availability in Agricultural Soils : A Review. *Science of The Total Environment*

Zhu Tongbing, Zhang J, Meng T, Zhang Y, Yang J, Muller C, Zai Z. 2014. Tea Plantation destroys soil retention of  $\text{NO}_3^-$  and  $\text{N}_2\text{O}$  Increase Emission in Subtropical China. *Soil Biology and Biochemistry*. Elsevier.

Zutterberg T., B.A. Olsson, S. Lofgren, L. Hyvonen, P.O. Brandtberg. 20016. Long-term Soil Calcium Depletion after Conventional and Whole Tree Harvest. *Forest Ecology and Mangement*.

