

DAFTAR PUSTAKA

- Anand, R.R., R.J. Gilkes, T.M. Armitage and J.W. Hillyer. 1985. Feldspar Weathering in Lateritic Saprolite. *Clay Clay Miner.* 33: 31-43.
- Anshori, C. 2010. Tinjauan Tektonik Kawasan Cagar Alam Geologi Karangsembung. Lembaga Ilmu Pengetahuan Indonesia (LIPI) Balai Informasi dan Konservasi Kebumian Karangsembung, Kebumen, Jawa Tengah.
- Antap, 1970. Ilmu Tanah Umum. Fakultas Pertanian Universitas Lambung Mangkurat. Banjarbaru.
- Barnhisel, R.I., and C.I. Rich (1967). Clay Mineral Formation in Different Rock Types of a Weathering Boulder Conglomerate *in* Birkeland (1974) *Pedology, Weathering, and Geomorphological Research*. Oxford University Press. Inc. New York.
- Bernasconi, S.M., I. Christi, I.Hajdas, S. Zimmermann, and F.Hagedorn. 2008. Weathering, Soil Formation and Initial Ecosystem Evolution on a Glacier Forefield: a Case Study from the Damma Glacier, Switzerland. *Mineral. Mag.* 72: 19-22.
- Birkeland, P.W. 1974. *Pedology, Weathering, and Geomorphological Research*. Oxford University Press. Inc. New York.
- Bluth, and L.R. Kump. 1994. Lithologic and climatic controls of river chemistry. *Geochim. Cosmochim. Acta* : 2341–2359.
- [Buss](#), H.L., [M.C.Lara](#), [O.W. Moore](#), [A.C. Kurtz](#), [M.S. Schulz](#), [A.F. and White](#). Lithological influences on contemporary and long-term regolith weathering at the Luquillo Critical Zone Observatory. [Geochimica et Cosmochimica Acta](#). 196: 224–251.
- Ceryan, S. 2008. New chemical weathering indices for estimating the mechanical properties of rocks: a case study from the Kürtün Granodiorite, NE Turkey. *Turk. J. Earth Sci.* 17: 187–207
- Darmawijaya, M.I. 1997. *Klasifikasi Tanah*. GajahMada University Press. Yogyakarta.
- Dewandel, B., P. Lachassagne, R. Wyns, J.C. Maréchal, N.S. Krishnamurthy. A generalized 3-D geological and hydrogeological conceptual model of granite aquifers controlled by single or multiphase weathering. *J. hydrol.*, 330: 260–284
- Dos Santos, J.C.B., E. Le Pera, V.S. De Souja Junior, M.M. Corrê and A.C. De Azevedo. 2016. Gneiss Saprolite Weathering and Soil Genesis Along an East-West Regolith Sequence (NE Brazil). *Catena*. 150: 279-290.
- Doval, M., R. Martín-García, Á. La Iglesia, A.M. Alonso-Zarza. Clay minerals associations in palaeoweathering profiles from Central Spain: genesis and implications. *Clay Miner.*, 47: 117–129.
- Gregory, A. P. 2015. Regolith and Weathering (Rock Decay) in the Critical Zone. *Developments in Earth Surface Processes*. 19: 113-145
- Hardjowigeno, S. 1993. *Klasifikasi Tanah dan Pedogenesis*. Akademi Pressindo. Jakarta.



- Kidder, D.L. and I. Tomescu. 2016. Biogenic Chert and the Ordovician Silica Cycle. [Palaeogeography, Palaeoclimatology, Palaeoecology](#). 458: 29-38.
- Kump, L.R., S.L. Brantley and M.A. Arthur. 2000. Chemical Weathering, Atmospheric CO₂, and Climate. *Annu. Rev. Earth Plant Sci.* 28: 611-667.
- Munir, 2003. *Geologi Lingkungan*. Bayumedi Publishing. Malang.
- Price, J.R., M.A. Velbel and L.C. Patino. 2005. Rates and timescales of clay-mineral formation in the southern Appalachian Mountains from geochemical mass balance. *Geol. Soc. Am. Bull.* 117: 783–794.
- Price, J.R., and M.A. Velbel. 2003. Chemical weathering indices applied to weathering profiles developed on heterogeneous felsic metamorphic parent rocks. *Chem. Geol.*, 202: 397–416
- Price, J.R., D.S. Bryan-Ricketts, D. Anderson and M.A. Velbel. 2013. Weathering of almandine garnet: influence of secondary minerals on the rate-determining step, and implications for regolith-scale Al mobilization. *Clays Clay Miner.* 61: pp. 34–56.
- Regüés, D., G. Pardini, and F. Gallart. 1995. Regolith behaviour and physical weathering of clayey mudrock as dependent on seasonal weather conditions in a badland area at Vallcebre, Eastern Pyrenees. *Catena*. 25: 199–212.
- Schroeder, P.A., N.D. Melear, P. Bierman, M. Kashgarian, and M.W. Caffee. 2001. Apparent gibbsite growth ages for regolith in the Georgia Piedmont. *Geochim. Cosmochim. Acta*. 65: 381–386.
- Braga, M.A.S., H. Paquet, and A. Begonha. 2002. Weathering of granites in a temperate climate (NW Portugal): granitic saprolites and arenization. *Catena*, 49: 41–56
- Soil Survey Staff. 2014. *Keys to Soil Taxonomy*. United States Departement of Agriculture. Natural Resources Conservation Service. Twelfth Edition.
- Stockmann, U., B. Minasny, A. McBratney. 2011. Advances in Agronomy Quantifying Processes of Pedogenesis. *Advances in Agronomy*. 113: 1-74.
- Strahler, A.N. and A.H. Strahler. 1978. *Modern Physical Geography*. John Wiley and Sons. New York.
- Subardja, S., S. Ritung, M. Anda, Sukarman, E. Suryani, R.E. Subandiono. 2014. *Petunjuk Teknis Klasifikasi Tanah Nasional*. Badan Penelitian dan Pengembangan Pertanian. Kementerian Pertanian. Bogor.
- Sunarmito, B.H., M. Nurudin, Sulakhudin, C. Wulandari. 2014. *Peran Geologi dan Mineralogi Tanah untuk Mendukung Teknologi Tepat Guna dalam Pengelolaan Tanah Tropika*. Gadjah Mada University Press. Yogyakarta.
- Szadorski, M. Debicka, E. Jamroz. Mineralogical composition of the clay fraction of soils derived from granitoids of the Sudetes and Fore-Sudetic Block, southwest Poland. *Eur. J. Soil Sci.* 63: 762–772.
- Tan, K.H. 1991. *Dasar-Dasar Kimia Tanah*. Terjemahan Gadjah Mada University Press. Yogyakarta.



- Tan, P., N. Oberhardt, H. Dypvik, L. Riber, and R.E. Ferrell. 2016. Weathering profiles and clay mineralogical developments, Bornholm, Denmark. *Marine and Petroleum Geology*. 80: 32-48.
- Thiry, M. 2000. Palaeoclimatic interpretation of clay minerals in marine deposits: an outlook from the continental origin. *Earth-Sci. Rev.* 49: 201–221
- Van Rast, E. 1995. Clay Mineralogy: Crystal structures, Identification, Analysis, and Chemistry of Clay Minerals and Clays. International Training Centre for Post-Graduate Soil Scientists State University Gent. Belgium.
- Van Reeuwijk, L.P. 2002. Procedures For Soil Analysis Sixth Edition. International Soil Reference and Information Centre FAO. Wageningen. Netherlands. 120 p.
- Wakita, K. 1999. Mesozoic Mélange Formation in Indonesia-with Special Reference to Jurassic Mélange of Japan. Ninth Regional Congress on Geology, Mineral and Energy Resources of Southeast Asia-Geosea'98 17-19 August 1998. GEOSEA'98 Proceedings, Geol.Soc.Malaysia Bull.43. December 1999. Pp.19-30.
- Watanabe, T., S. Funakawa, T. Kosaki. 2006. Clay Mineralogy and its relationship to Soil Solution Composition in Soils from Different Weathering Environment of Humid Asia: Japan, Thailand and Indonesia. *Geoderma*. 136: 477-493.
- Wan, S., P.D. Clift, D. Zhao, N. Hovius, G. Munhoven, C.F. Lanord, Y. Wang, Z. Xiong, J. Huang, Z. Yu, J. Zhang, W. Ma, G. Zhang, A. Li and T. Li. Enhanced silicate weathering of tropical shelf sediments exposed during glacial lowstands: A sink for atmospheric CO₂. *Geochimica et Cosmochimica Acta*. 200: 123-144.
- West, A.J., A. Galy and M. Bickle. 2005. Tectonic and climatic controls on silicate weathering. *Earth Planet Sci. Lett.*, 235: 211-228.
- White, A.F. and A.E. Blum. 1995. Effects of Climate on Chemical-Weathering in Watersheds. *Geochimica et Cosmochimica Acta*. 59: 1729-1747.
- Wilding, L.P., N.E. Smeck and G.F. Hall (editors). 1983. *Pedogenesis and Soil Taxonomy*. Elsevier Science Publishers B.V. Amsterdam.
- Wilson, M. Weathering of the primary rock-formation minerals: processes, products and rates. *Clay Miner.* 39: 233–266.
- World References Base for Soil Resources. 2014. International Soil Classification System for Naming Soils and Creating Legends for Soil Maps. Food and Agriculture Organization of the United Nations. World Soil Resources Reports 106.