DAFTAR PUSTAKA

Amijaya, H., dan Littke, R., 2005, Microfacies and depositional environment of Tertiary Tanjung Enim low rank coal , South Sumatra Basin , Indonesia: International Journal of Coal Geology, v. 61, p. 197–221, doi: 10.1016/j.coal.2004.07.004.

Anggayana, K., Rahmad, B., Naftali, H., dan Widayat, A.., 2014, Limnic Condition in Ombrotrophic Peat Type as the Origin of Muara Wahau Coal , Kutei Basin , Indonesia: Journal Geological Society of India, v. 83, p. 555–562.

Belkin, H.E., Tewalt, S.J., Hower, J.C., Stucker, J.D., O'Keefe, J.M.K., 2009, Geochemistry and petrology of selected coal samples from Sumatra, Kalimantan, Sulawesi, and Papua, Indonesia: International Journal of Coal Geology, v.77, p.260-268

Calvert, G., Durig, J., dan Esterle, J.S., 1991, Controls on the c*hemic*al variability of peat types in a domed peat deposit , Baram River area , Sarawak , Malaysia: International Journal of Coal Geology, v. 17, p. 171–188.

Cameron, C.C., Esterle, J.S., dan Palmer, C.A., 1989, The geology , botany and chemistry of selected peat-forming environments from temperate and tropical latitudes: International Journal of Coal Geology, v. 12, p. 105–156.

Chokkalingam, U., Kurniawan, I., dan Ruchiat, Y., 2005, Fire, livelihoods, and environmental change in the Middle Mahakam Peatlands, East Kalimantan: Ecology and Society, v. 10, p. 26.

Chou, C.L., 2012, Sulfur in coals: A review of geochemistry and origins: International Journal of Coal Geology, v.100, p.1-13

Cibaj, I., Syarifuddin, N., Ashari, U., Wiweko, A., dan Maryunani, K.A., 2007, Stratigraphic Interpretation of Middle Miocene Mahakam Delta Deposits: Implications for Reservoir Distribution and Quality, *in* Proceedings, Indonesian Petroleum Association, IPA 31st Annual Convention, 11 p.

Clymo, R.S., 1983, Rainwater-fed peat as a precursor of coal: The types and distribution of present- day peats, *dalam* Scott, A.C. ed., Coal and Coal-Bearing Strata: Recent Advances, Geological Society Special Publication, p. 17–23.

Cohen, A.D., dan Stack, E.M., 1996, Some observations regarding the potential effects of doming of tropical peat deposits on the composition of coal beds: International Journal of Coal Geology, v. 29, p. 39–65.

Daulay, B., 1994, Tertiary coal belt in eastern Kalimantan, Indonesia: The influence of coal quality on coal utilisation, Dissertation, University of Wollongong, p.375

Dehmer, J., 1995, Petrological and organic geochemical investigation of recent peats with known environments of deposition: International Journal of Coal Geology, v. 28, p. 111–138.

Dehmer, J., 1993, Petrology and organic geochemistry of peat samples from a raised bog in Kalimantan (Borneo): Organic Geochemistry, v. 20, p. 349–362.

Demchuk, T., dan Moore, T.A., 1993, Palynofloral and organic characteristics of a Miocene bog-forest , Kalimantan , Indonesia: Organic Geochemistry, v. 20, p. 119–134.

Diessel, C.F.K., 1992, Coal-Bearing Depositional Sy*stem*: Berlin, Springer-Verlag, 714 p.

Dommain, R., Couwenberg, J., dan Joosten, H., 2011, Development and carbon sequestration of tropical peat domes in south-east Asia : links to post-glacial sea-level changes and Holocene climate variability: Quaternary Science Reviews, v. 30, p. 999–1010, doi: 10.1016/j.quascirev.2011.01.018.

Esterle, J.S.,1990, Trends in Petrographic and Chemical Charcteristics of Tropical Doomed Peats in Indonesia and Mayasia as Analogues for Coal Formation: Dissertation. University of Kentucky

Esterle, J.S., dan Ferm, J.C., 1990, On the use of modern tropical domed peats as analogues for petrographic variation in Carboniferous coal beds: International Journal of Coal Geology, v. 16, p. 131–136.

Esterle, J.S., dan Ferm, J.C., 1986, Relationship Between Petrographic and C*hemic*al Properties and Coal Seam Geometry, Hance Seam, Breathitt Formation, Southeastern Kentucky: International Journal of Coal Geology, v. 6, p. 199–214.

Esterle, J.S., dan Ferm, J.C., 1994, Spatial variability in modern tropical peat deposits from Sarawak , Malaysia and Sumatra , Indonesia : analogues for coal: International Journal of Coal Geology, v. 26, p. 1–41.

Esterle, J.S., Ferm, J.C., dan Yiu-liong, T., 1989, A test for the analogy of tropical domed peat deposits to “dulling up” sequences in coal beds--Preliminary results: Organic Geochemistry, v. 14, p. 333–342.

Esterle, J., Moore, T., dan Hower, J., 1991, A Reflected-Light Petrographic Techniques for Peats: International Journal of Coal Geology, p. 1989–1991.

Farnham, R.S., dan Finney, H.R., 1965, Classification and Properties of Organic Soils: Advances in Agronomy, p. 115–162.

Friederich, M.C., dan Van Leeuwen, T., 2017, A review of the history of coal exploration, discovery and production in Indonesia: the interplay of legal

framework, coal geology and exploration strategy: International Journal of Coal Geology, v. Accepted M, p. 59, doi: 10.1016/j.coal.2017.04.007.

Friederich, M.C., Moore, T.A., dan Flores, R.M., 2016, International Journal of Coal Geology A regional review and new insights into SE Asian Cenozoic coal-bearing sediments : Why does Indonesia have such extensive coal deposits ? International Journal of Coal Geology, v. 166, p. 2–35, doi: 10.1016/j.coal.2016.06.013.

Gönner, C., Schwarz, S., Kreb, D., Budiono, dan Soeyitno, A., 2014, Waterbird Population Dynamics in the Middle Mahakam Wetlands of East Kalimantan over 23 years: Kukila, v. 17, p. 20–41.

Hidayat, H., Hoekman, D., Vissers, M.A., dan Hoitink, A., 2011, Flood frequency mapping of the middle Mahakam lowland area using satellite radar: Hydrology and Earth Sy*stem* Science, v. 16, p. 11519–11552, doi: 10.5194/hessd-8-11519-2011.

Hidayat, H., Hoekman, D.H., Vissers, M.A.M., dan Hoitink, A.J.F., 2012, Flood occurrence mapping of the middle Mahakam lowland area using satellite radar: Hydrology and Earth Sy*stem* Science, v. 16, p. 1805–1816, doi: 10.5194/hess-16-1805-2012.

Hope, G., Chokkalingam, U., dan Anwar, S., 2005, The stratigraphy and fire history of the Kutai Peatlands , Kalimantan , Indonesia: Quartenary Research, v. 64, p. 407–417, doi: 10.1016/j.yqres.2005.08.009.

ISO, 2009, ISO 7404-2: Switzerland, IHS, v. 2009, 11 p.

de Jong, E.B.P., Ragas, A.M.J., Nooteboom, G., dan Mursidi, M., 2015, Changing Water Quality in the Middle Mahakam Lakes : Water Quality Trends in a Context of Rapid Deforestation , Mining and Palm Oil Plantation Development in Indonesia ' s Middle Mahakam Wetlands: Wetlands, v. 35, p. 733–744, doi: 10.1007/s13157-015-0665-z.

Killops, S.D., dan Killops, V.J., 2005, Introduction to Organic Geochemistry: Oxford, Blackwell Publishing, 393 p.

Lopez-Diaz, V., Urbanczyk, J., Blanco, C.G., dan Borrego, Á.G., 2016, Maceral composition and molecular markers of two condensed Middle Holocene peat profiles in N Spain: International Journal of Coal Geology, v. Article in press. 16 p, doi: 10.1016/j.coal.2016.09.009.

McCabe, P., 1984, Depositional environments of coal and coal-bearing strata, *dalam* Rahmani, R.. dan Flores, R.. eds., Sedimentology of Coal and Coal-Bearing Sequences, The International Association of Sedimentologists, p. 13–42.

Moore, P.D., 1995, Biological processes controlling the development of modem peat-forming ecosy*stem*s: International Journal of Coal Geology, v. 28, p. 99–110.

Moore, P.D., 1987, Geological Society , London , Special Publications Ecological and hydrological aspects of peat formation Ecological and hydrological aspects of peat formation Peat-forming ecosy*stem*s: Geological Society London Special Publications, v. 32, p. 7–15, doi: 10.1144/GSL.SP.1987.032.01.02.

Moore, T.A., dan Ferm, J.C., 1992, Composition and grain size of an Eocene coal bed in southeastern Kalimantan , Indonesia: International Journal of Coal Geology, v. 21, p. 1–30.

Moore, T.A., dan Hilbert, R.E., 1992, Petrographic and anatomical characteristics of plant material from two peat deposits of Holocene and Miocene age, Kalimantan, Indonesia: Review of Palaeobotany and Palynology, v. 72, p. 199–227.

Muchitawati, G.S., dan Anggara, F., 2017, Variabilitas Spasial Gambut Tropis Daerah Muara Siran Kalimantan Timur: P Seminar Nasional Kebumian 10 Departemen Teknik Geologi Universitas Gadjah Mada, p.680-691

Neuzil, S., Supardi, Cecil, C.B., Kane, J.S., dan Soedjono, K., 1993, Inorganic geochemistry of domed peat in Indonesia and its implication for the origin of mineral matter in coal, *dalam* Cobb, J.. and Cecil, C.. eds., Modern and Ancient Coal-Forming Environments, Boulder, Geological Society of America Special Paper, v. 286, p. 23–44.

Nuay, E.., Astarita, A.., dan Edwards, K., 1985, Early Middle Miocene Deltaic Progradation in The Southern Kutai Basin, *dalam* Proceedings, Indonesian Petroleum Association, IPA 14th Annual Convention, p. 63–81.

Osaki, M., dan Tsuji, N., 2016, Tropical Peatland Ecosy*stem*s: Tokyo, Springer Japan, 651 p.

Ott, H.L., 1987, The Kutei Basin-A Unique Structural History: Proceedings Indonesian Petroleum Association, IPA 16th Annual Convention, p.307-3016

Parish, F., Sirin, A., Charman, D., Joosten, H., Minayeva, T., Silvius, M., dan Stringer, L., 2008, Assessment on Biodiversity and Climate change: Main Report: Wageningen, Global Environment Centre, Kuala Lumpur and Wetlands International, 179 p.

Phillips, S., dan Bustin, R.M., 1998, Accumulation of organic rich sediments in a dendritic fluvial / lacustrine mire sy*stem* at Tasik Bera , Malaysia : implications for coal formation: International Journal of Coal Geology, v. 36,

p. 31–61.

Price, F.T., dan Casagrande, D.J., 1991. Sulfur distribution and isotopic composition in peats from the Okefenokee Swamp, Georgia and the Everglades, Florida: International Journal of Coal Geology, v.17, p.1-20

Samuel, L., dan Muchsin, S., 1975, Stratigraphy and Sedimentation in The Kutai Basin, Kalimantan, *dalam* Proceedings, Indonesian Petroleum Association, IPA 4th Annual Convention, p. 27–39.

Santoso, B., dan Daulay, B., 2007, Comparative Petrography of Ombilin and Bayah Coals Related to Their Origin, Indonesian Minig Journal 10 (9), 1-12

Satyana, A., dan Biantoro, E., 1995, Seismic Stratigraphy of Eocene Beriun Sands of West Bungalun, East Kalimantan, Indonesia: A Contribution to The Paleogene Stratigraphical Knowledge of The Kutei Basin, *dalam* Proceedings of the International Symposium on Sequence Stratigraphy in SE Asia, Indonesian Petroleum Association, p. 383–393.

Septantia, A., 2018, Carbon pool measurement in Muara Siran peatland, East Kalimantan, using remote sensing and coring, Thesis, Universitas Gadjah Mada, 149p

Shearer, J.C., Moore, T.A., Demchuk, T.D., 1995, 'Delineation of the distinctive nature of Tertiary coal beds*', International Journal of Coal Geology 28,* 71-9

Sidi, F.H., Damayanti, S., Baskara, H.C., dan Turseno, I., 1999, Stratigraphy and Geometry of Deltaic Reservoirs of the Paleo-Mahakam Sy*stem*: An Example from Sequence Stratigraphic Study of Nilam Gas Field, Kutei Basin, East Kalimantan, Indonesia, *dalam* Proceedings, Gas Habitats of SE Asia and Australasia Conference, p. 179–185.

Suárez-ruiz, I., dan Crelling, J.C., 2009, Applied Coal Petrology: The Role of Petrology in Coal Utilization: AP, 388 p.

Supriatna, S., Sukardi, dan Rustandi, E., 1995, Peta Geologi Lembar Samarinda, Kalimantan: Bandung, Pusat Penelitian dan Pengembangan Geologi.

Taylor, G.., Teichmuller, M., Davis, A., Diessel, C.F.., Littke, R., dan Robert, P., 1998, Organic Petrology: Berlin, Gebruder Borntraeger, 704 p.

Thomas, L., 2013, Coal Geology: Oxford, John Wiley and Sons, Inc, 444 p.

Whateley, M.K.G., Jordan, G.R., 1989, Fan-delta-lacustrine sedimentation and coal development in the Tertiary Ombilin Basin, W Sumatra, Indonesia, in Deltas: Sites and Traps for Fossil Fuels: Geological Society Special Publication No.41, pp.317-332

Widodo, S., Bechtel, A., Anggayana, K., dan Püttmann, W., 2009, Organic Geochemistry Reconstruction of floral changes during deposition of the Miocene Embalut coal from Kutai Basin , Mahakam Delta , East Kalimantan , Indonesia by use of aromatic hydrocarbon composition and stable carbon isotope ratios of organic matte: Organic Geochemistry, v. 40, p. 206–218, doi: 10.1016/j.orggeochem.2008.10.008.

Wust, R.A.J., dan Bustin, R.M., 2001, Low-ash peat deposits from a dendritic , intermontane basin in the tropics : a new model for good quality coals: International Journal of Coal Geology, v. 46, p. 179–206.

Wust, R.A.J., Bustin, R.M., dan Lavkulich, L.M., 2003, New classification sy*stem*s for tropical organic-rich deposits based on studies of the Tasek Bera Basin, Malaysia: Catena, v. 53, p. 133–163, doi: 10.1016/S0341-8162(03)00022-5.

Yayasan Biosfer Manusia Samarinda. "Dataset Ketebalan Gambut Kalimantan Timur". Samarinda: Tidak dipublikasikan. Diperoleh pada 23 April 2017 dari Yayasan Biosfer Manusia Samarinda.

Yulianto, E., Hirakawa, K., dan Tsuji, H., 2004, Charcoal and organic geoc*hemic*al properties as an evidence of Holocene fires in tropical peatland , Central Kalimantan , Indonesia: Tropics, v. 14, p. 1-8