

## DAFTAR PUSTAKA

- Amijaya, D.H., 2016, Pembentukan Batubara: [tidak diterbitkan Presentation Slide]: Departemen Teknik Geologi, Universitas Gadjah Mada, 1–26 p.
- 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.
- Anggara, F., 2016, Geologi Batubara “Analisis Batubara”, Presentation Slide: [tidak diterbitkan Presentation Slide]: Departemen Teknik Geologi, Universitas Gadjah Mada, 1–30 p.
- Anggara, F., Muchitawati, G.S., Moore, T.A., dan Septantia, A., 2021, Spatial Variability in Macro- and Microtextures of A Tropical Intermontane Peatland: Preliminary Investigation into The Kutai Lake Peat System, East Kalimantan, Indonesia: *Indonesian Journal on Geoscience*, v. 8, p. 275–296, doi:10.17014/IJOG.8.2.275-296.
- ASTM D2797-04, 2004, Standard Practice for Preparing Coal Samples for Microscopical Analysis by Reflected Light:, <https://www.astm.org/d2797-04.html> (accessed Januari 2023).
- ASTM D2799-05a, 2005, Test Method for Microscopical Determination of the Maceral Composition of Coal. - Google Search:, <https://www.google.com/search?q=ASTM+D2799-05a%2C+2005.+Test+Method+for+Microscopical+Determination+of+the+Maceral+Composition+of+Coal.&oeq=astm&aqs=chrome.2.69i60j46i199i433i465i512j69i59j0i512l3j69i60l2.5403j0j7&sourceid=chrome&ie=UTF-8> (accessed Desember 2022).
- ASTM D3173-11, 2013, Standard Test Method for Moisture in the Analysis Sample of Coal and Coke:, <https://www.astm.org/d3173-11.html> (accessed Januari 2023).
- ASTM D3174-12, 2005, Standard Test Method for Ash in the Analysis Sample of Coal and Coke from Coal:, <https://www.astm.org/d3174-12.html> (accessed Januari 2023).
- ASTM D3175-18, 2002, Standard Test Method for Volatile Matter in the Analysis Sample of Coal and Coke:, <https://www.astm.org/d3175-18.html> (accessed Januari 2023).
- ASTM D3176-15, 2009, Standard Practice for Ultimate Analysis of Coal and Coke:, <https://www.astm.org/d3176-15.html> (accessed Januari 2023).
- ASTM D4239-18, 2018, Standard Test Method for Sulfur in the Analysis Sample of Coal and Coke Using High-Temperature Tube Furnace Combustion 1:, <https://www.astm.org/d4239-18.html> (accessed April 2023).
- Belkin, H.E., Tewalt, S.J., Hower, J.C., Stucker, J.D., dan 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, doi:10.1016/j.coal.2008.08.001.
- Bon, J., Fraser, T.H., Amris, W., Stewart, D.N., Abubakar, Z., dan Sosromihardjo, S., 1996, A review of the exploration potential of the Paleocene Lower Tanjung formation in the South Barito basin, *in* Indonesian Petroleum Association, Proceedings 25th Annual Convention, Jakarta, p. 69–79, doi:10.29118/ipa.2334.69.79.

- Calder, J.H., Gibling, M.R., dan Mukhopadhyay, P.K., 1991, Peat formation in a Westphalian B Piedmont Setting, Cumberland Basin, Nova Scotia: implications for the maceral-based interpretation of rheotrophic and raised paleomires: *Bulletin de la Société Géologique de France*, v. 162, p. 283–298.
- Cameron, C.C., Palmer, C.A., dan Esterle, J.S., 1990, The geology of selected peat-forming environments in temperate and tropical latitudes: *International Journal of Coal Geology*, v. 16, p. 127–130, doi:10.1016/0166-5162(90)90018-T.
- Chou, C.L., 2012, Sulfur in coals: A review of geochemistry and origins: *International Journal of Coal Geology*, v. 100, p. 1–13, doi:10.1016/j.coal.2012.05.009.
- Dai, S. dkk., 2020, Recognition of peat depositional environments in coal: A review: *International Journal of Coal Geology*, v. 219, doi:10.1016/j.coal.2019.103383.
- Dehmer, J., 1993, Petrology and organic geochemistry of peat samples from a raised bog in Kalimantan (Borneo: *Organic Geochemistry*, v. 20, p. 349–362.
- Diessel, C.F.K., 1992, Coal-bearing depositional systems: Springer Berlin Heidelberg, 1689–1699 p., doi:10.1007/978-3-642-75668-9.
- Diessel, C.F.K., 1986, On the correlation between coal facies and depositional environments, *in* *Proceeding of 20th Symposium of Department of Geology*, University Newcastle, NSW, p. 19–22.
- 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, doi:10.1016/0166-5162(94)90030-2.
- Fikri, H.N., Sachsenhofer, R.F., Bechtel, A., dan Gross, D., 2022a, Coal deposition in the Barito Basin (Southeast Borneo): The Eocene Tanjung Formation compared to the Miocene Warukin Formation: *International Journal of Coal Geology*, v. 263, p. 104117, doi:10.1016/j.coal.2022.104117.
- Fikri, H.N., Sachsenhofer, R.F., Bechtel, A., dan Gross, D., 2022b, Organic geochemistry and petrography in Miocene coals in the Barito Basin (Tutupan Mine, Indonesia): Evidence for astronomic forcing in kerapah type peats: *International Journal of Coal Geology*, v. 256, p. 103997, doi:10.1016/j.coal.2022.103997.
- 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. 178, p. 56–73, doi:10.1016/j.coal.2017.04.007.
- Harijoko, A., Mariska, N.A.S., dan Anggara, F., 2018, Estimated Emplacement Temperatures for a Pyroclastic Deposits from the Sundoro Vulcano, Indonesia, using Charcoal Reflectance Analyses: *Indonesian Journal on Geoscience*, v. 5, p. 1–11, doi:10.17014/ijog.5.1.1-11.
- Holdgate, G.R., 2005, Geological processes that control lateral and vertical variability in coal seam moisture contents - Latrobe Valley (Gippsland Basin) Australia: *International Journal of Coal Geology*, v. 63, p. 130–155, doi:10.1016/j.coal.2005.02.010.
- ICCP, 2001, New inertinite classification (ICCP System 1994): *Fuel*, v. 80, p. 459–471, doi:10.1016/S0016-2361(00)00102-2.

- ICCP, 1998, New vitrinite classification (ICCP system 1994): Fuel, v. 77, p. 349–358, doi:10.1016/S0016-2361(98)80024-0.
- Killops, S., dan Killops, V., 2005, Introduction to organic geochemistry, second edition: U.S.A, Blackwell Publishing, v. 5, 236–237 p., doi:10.1111/j.1468-8123.2005.00113.x.
- Lamberson, M.N., Bustin, R.M., dan Kalkreuth, W., 1991, Lithotype (maceral) composition and variation as correlated with paleo-wetland environments, Gates Formation, northeastern British Columbia, Canada: International Journal of Coal Geology, v. 18, p. 87–124.
- Moore, P.D., 1989, The ecology of peat-forming processes: a review. In peat and coal: origin, facies, and depositional models.: International Journal of Coal Geology, v. 12, p. 89–103, doi:10.1016/0166-5162(89)90048-7.
- 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, doi:10.1016/0166-5162(92)90033-S.
- Moore, T.A., Moroeng, O.M., Shen, J., Esterle, J.S., dan Pausch, R.C., 2021, Using carbon isotopes and organic composition to decipher climate and tectonics in the Early Cretaceous: An example from the Hailar Basin, Inner Mongolia, China: Cretaceous Research, v. 118, p. 104674, doi:10.1016/j.cretres.2020.104674.
- Moore, T.A., dan Shearer, J.C., 2003, Peat/coals type and depositional environment - Are they related? International Journal of Coal Geology, v. 56, p. 233–252, doi:10.1016/S0166-5162(03)00114-9.
- Moore, T.A., Shearer, J.C., dan Miller, S.L., 1996, Fungal origin of oxidised plant material in the Palangkaraya peat deposit, Kalimantan Tengah, Indonesia: Implications for “inertinite” formation in coal: International Journal of Coal Geology, v. 30, p. 1–23, doi:10.1016/0166-5162(95)00040-2.
- Morley, R.J., 2013, Cenozoic ecological history of South East Asian peat mires based on the comparison of coals with present day and late quaternary peats: Journal of Limnology, v. 72, p. 36–59, doi:10.4081/jlimnol.2013.s2.e3.
- Panggabean, H., 1991, Tertiary source rocks, coals and reservoir potential in the Asem Asem and Barito Basins, Southeastern Kalimantan, Indonesia: University of Wollongong, <https://ro.uow.edu.au/theses/2113> (accessed Februari 2023).
- Patria, A.A., dan Anggara, F., 2022, Microfacies and Depositional Environment of the Eocene Sawahlunto Coal, Ombilin Basin, Indonesia: Iraqi Geological Journal, v. 55, p. 128–146, doi:10.46717/igj.55.1E.11Ms-2022-05-27.
- Perdana, A.R., 2019, Mikrofasies dan rekonstruksi paleomire batubara Formasi Tanjung, di daerah Sekako, Cekungan Barito, Kalimantan Tengah [Skripsi tidak diterbitkan]: Universitas Gadjah Mada, 1–112 p.
- Pickel, W. dkk., 2017, Classification of liptinite – ICCP System 1994: International Journal of Coal Geology, v. 169, p. 40–61, doi:10.1016/j.coal.2016.11.004.
- Satyana, A.H., 1995, Paleogene unconformities in the Barito Basin, S.E. Kalimantan: A concept for the solution of the “Barito Dilemma” and a key to the search for Paleogene structures, in Twenty Fourth Annual Convnetion Proceedings Indonesian Petroleum Association, p. 263–267.
- Satyana, A., Eka, M.M.P., dan Imron, M., 2002, Coal seams within Eocene Tanjung Formation of the Barito Basin, Southeast Kalimantan: Sequence stratigraphic

- framework and geochemical constraints for source potential: *Indonesian Journal of Sedimentary Geology*, v. 17, p. 14–26.
- Satyana, A.H., Nugroho, D., dan Surantoko, I., 1999, Tectonic controls on the hydrocarbon habitats of the Barito, Kutei, and Tarakan Basins, Eastern Kalimantan, Indonesia: major dissimilarities in adjoining basins: *Journal of Asian Earth Sciences*, v. 17, p. 99–122, doi:10.1016/S0743-9547(98)00059-2.
- Satyana, A.H., dan Silitonga, P.D., 1994, Tectonic reversal in East Barito basin, South Kalimantan: consideration of the types of inversion structures and petroleum system significance, *in* Twenty Third Annual Convencion Proceedings Indonesian Petroleum Association, p. 57–74, doi:10.29118/ipa.623.57.74.
- Speight, J.G., 2005, *Handbook of Coal Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications)*: New Jersey, America, v. 166, 240 p.
- Suárez-Ruiz, I., dan Crelling, J.C., 2008, Basic Factors Controlling Coal Quality and Technological Behavior of Coal Isabel, *in* Suárez-Ruiz, I. dan Ward, C.R. ed., *Applied Coal Petrology: The Role of Petrology in Coal Utilization*, U.S.A, AP, p. 1–388, doi:10.1016/B978-0-08-045051-3.00012-9.
- Sýkorová, I., Pickel, W., Christanis, K., Wolf, M., Taylor, G.H., dan Flores, D., 2005, Classification of huminite - ICCP System 1994: *International Journal of Coal Geology*, v. 62, p. 85–106, doi:10.1016/j.coal.2004.06.006.
- Taylor, G.H., Teichmüller, M., Davis, A., Diessel, C.F.K., Littke, R., dan Robert, P., 1998, *Organic Petrology: Schweizerbart'sche Verlagsbuchhandlung*, 704 p.
- Teichmüller, M., dan Teichmüller, R., 1979, Diagenesis of coal (coalification), *in* Gunner, L. dan Chilingar, G. V. ed., *Developments in Sedimentology*, Elsevier, v. 25, p. 207–246, doi:10.1016/S0070-4571(08)71074-4.
- Thomas, L., 2013, *Coal Geology: Second Edition*: Oxford, Wiley Blackwell, 1–444 p., doi:10.1002/9781118385685.
- Thomas, L., 2002, *Coal geology: West Sussex, England*, John Wiley & Sons, Inc., 3 p.
- Verhoeven, J.T., 1986, Nutrient dynamics in minerotrophic peat mires: *Aquatic Botany*, v. 25, p. 117–137, doi:10.1016/0304-3770(86)90049-5.
- Wiranata, B., Amijaya, H., Anggara, F., Perdana, A.R., Isnadiyati, O.F., dan Putra Tanggara, D.N.S., 2019, Total sulfur and ash yield of Tanjung Formation coal in Sekako, Barito Basin, Central Kalimantan: implication of depositional process: *Journal of Applied Geology*, v. 4, p. 82, doi:10.22146/jag.53208.
- Witts, D., Hall, R., Nichols, G., dan Morley, R., 2012, A new depositional and provenance model for the Tanjung Formation, Barito Basin, SE Kalimantan, Indonesia: *Journal of Asian Earth Sciences*, v. 56, p. 77–104, doi:10.1016/j.jseaes.2012.04.022.