

## DAFTAR PUSTAKA

- Amijaya, D.H., & 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.
- Anggara, F., Amijaya, D.H., Harijoko, A., Tambaria, T.N., Sahri, A.A., dan Asa, Z.A.N., 2018, Rare earth element and yttrium content of coal in the Banko coalfield, South Sumatra Basin, Indonesia: Contributions from tonstein layers: *International Journal of Coal Geology*, v. 196, p. 159–172, doi:10.1016/j.coal.2018.07.006.
- Anggara, F., Cikasimi, M., Rahmat, B., Wibisono, S.A., dan Susilawati, R., 2019, Karakteristik Dan Genesa Pengayaan Unsur-Unsur Tanah Jarang Pada Batubara Lapangan Batubara Muara Tiga Besar Utara, Tanjung Enim, Cekungan Sumatera Selatan: *Buletin Sumber Daya Geologi*, v. 14, p. 198–212, doi:10.47599/bsdg.v14i3.288.
- Anggara, F., Patria, A.A., Rahmat, B., Wibisono, H., Putera, M.Z.J., Petrus, H.T.B.M., Erviana, F., Handini, E., dan Amijaya, D.H., 2024, Signature characteristics of coal geochemistry from the Eocene Tanjung Formation and the Miocene Warukin Formation, Barito Basin: Insights into geological control on coal deposition and future critical element prospecting: *International Journal of Coal Geology*, v. 282, doi:10.1016/j.coal.2023.104423.
- Barber, A.J., Crow, M.J., Milsom, J. (Eds.), *Sumatra: Geology, Resources and Tectonic Evolution*, Geological Society Memoirs. The Geological Society, London, Memoirs, vol. 31. pp. 86–97.
- Behar, F., dan Hatcher, P.G., 1995, Artificial Coalification of a Fossil Wood from Brown Coal by Confined System Pyrolysis: *Energy and Fuels*, v. 9, p. 984–994, doi:10.1021/ef00054a008.
- Calder, J.H., Gibling, M.R., & Mukhopadhyay, P.K., 1991, Peat Formation in A Westphalian B Pied-mont Setting, Cumberland Basin, Nova Scotia :Implications for The Maceral-Based Interpretation of Rheotrophic and Raised Paleomires. *Bulletin Soc Geology*. v. 162. No. 2. p. 283-298.
- Chou, C.L., 2012, Sulfur in coals: A review of geochemistry and origins: *International Journal of Coal Geology*, v. 100, p. 1–13.
- Crow, M. J., 2005. Tertiary volcanitiy. dalam : Barber, A.J., Crow, M.J., Milsom, J. (Eds.), *Sumatra: Geology, Resources and Tectonic Evolution*, Geological Society Memoirs. The Geological Society, London, Memoirs, vol. 31. pp. 98–119.
- Dai, S., Zhang, W., Seredin, V.V., Ward, C.R., Hower, J.C., Song, W., Wang, X., Li, X., Zhao, L., Kang, Huan., Zheng, L., Wang, P., dan Zhou, D., 2013, Factors controlling geochemical and mineralogical compositions of coals

- preserved within marine carbonate successions: A case study from the Heshan Coalfield, southern China: *International Journal of Coal Geology*, v. 109–110, p. 77–100, doi:10.1016/j.coal.2013.02.003.
- Dai, S., Li, T., Jiang, Y., Ward, C.R., Hower, J.C., Sun, J., Liu, J., Song, H., Wei, J., Li, Q., Xie, P., dan Huang, Q., 2015a, Mineralogical and geochemical compositions of the Pennsylvanian coal in the Hailiushu Mine, Daqingshan Coalfield, Inner Mongolia, China: Implications of sediment-source region and acid hydrothermal solutions: *International Journal of Coal Geology*, v. 137, p. 92–110, doi:10.1016/j.coal.2014.11.010.
- Dai, S., Finkelman, R.B., French, D., Hower, J.C., Graham, I.T., dan Zhao, F., 2021, Modes of occurrence of elements in coal: A critical evaluation: *Earth-Science Reviews*, v. 222, doi:10.1016/j.earscirev.2021.103815.
- Dai, S., Graham, I.T., dan Ward, C.R., 2016, A review of anomalous rare earth elements and yttrium in coal: *International Journal of Coal Geology*, v. 159, p. 82–95, doi:10.1016/j.coal.2016.04.005.
- Dai, S., Hower, J.C., Finkelman, R.B., Graham, I.T., French, D., Ward, C.R., Eskenazy, G., Wei, Q., dan Zhao, L., 2020a, Organic associations of nonmineral elements in coal: A review: *International Journal of Coal Geology*, v. 218, doi:10.1016/j.coal.2019.103347.
- Dai, S., Hower, J.C., Finkelman, R.B., Graham, I.T., French, D., Ward, C.R., Eskenazy, G., Wei, Q., dan Zhao, L., 2020b, Organic associations of nonmineral elements in coal: A review: *International Journal of Coal Geology*, v. 218, doi:10.1016/j.coal.2019.103347.
- Dai, S., Li, T., Seredin, V. V., Ward, C.R., Hower, J.C., Zhou, Y., Zhang, M., Song, X., Song, W., dan Zhao, C., 2014a, Origin of minerals and elements in the Late Permian coals, tonsteins, and host rocks of the Xinde Mine, Xuanwei, eastern Yunnan, China: *International Journal of Coal Geology*, v. 121, p. 53–78, doi:10.1016/j.coal.2013.11.001.
- Dai, S., Ren, D., Chou, C.L., Finkelman, R.B., Seredin, V. V., dan Zhou, Y., 2012, Geochemistry of trace elements in Chinese coals: A review of abundances, genetic types, impacts on human health, and industrial utilization: *International Journal of Coal Geology*, v. 94, p. 3–21, doi:10.1016/j.coal.2011.02.003.
- Dai, S., Yang, J., Ward, C.R., Hower, J.C., Liu, H., Garrison, T.M., French, D., dan O’Keefe, J.M.K., 2015b, Geochemical and mineralogical evidence for a coal hosted uranium deposit in the Yili Basin, Xinjiang, northwestern China: *Ore Geology Reviews*, v. 70, p. 1–30, doi:10.1016/j.oregeorev.2015.03.010.
- De Coster, G.L., 1974. The Geology of Central and South Sumatra Basins. In: *Proceedings 3rd Annual Convention Indonesian Petroleum Association*, pp. 77–110.

- De Smet, M.E.M., Barber, A.J., 2005. Tertiary stratigraphy. dalam: Barber, A.J., Crow, M.J., Milson, J. (Eds.), *Sumatra: Geology, Resources and Tectonic Evolution*, Geological Society Memoirs. The Geological Society, London, Memoirs, vol. 31. pp. 86–97.
- Diessel, C.F.K., 1986, On the correlation between coal facies and depositional environments: Proceeding of 20th Symposium of Department of Geology, University Newcastle, NSW, p. 19–22
- Diessel, C.F.K., 1992, *The Coalification Process: Coal-Bearing Depositional Systems*, p. 41–85, doi:10.1007/978-3-642-75668-9\_3.
- Esterle, J.S., & 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
- Finkelman, R.B., 1993, Trace and Minor Elements in Coal, dalam *Organic Geochemistry*, p. 593–607.
- Finkelman, R.B., Palmer, C.A., dan Wang, P., 2018, Quantification of the modes of occurrence of 42 elements in coal: *International Journal of Coal Geology*, v. 185, p. 138–160, doi:10.1016/j.coal.2017.09.005.
- Friederich, M. C. and 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 *Int J Coal Geol* pp 178 56–73
- Haenel, M.W., 1992, Recent progress in coal structure research: *Fuel*, v. 71, p. 1211–1223, doi:10.1016/0016-2361(92)90046-Q.
- Hayashi, K.I., Fujisawa, H., Holland, H.D., dan Ohmoto, H., 1997, Geochemistry of ~1.9 Ga sedimentary rocks from northeastern Labrador, Canada: *Geochimica et Cosmochimica Acta*, v. 61, p. 4115–4137, doi:10.1016/S0016-7037(97)00214-7.
- Humphries, M., 2011, Rare earth elements: The global supply chain: *Rare Earth Minerals: Policies and Issues*, p. 1–20.
- ICCP, 1998, The new vitrinite classification (ICCP System 1994): *Fuel*, v. 77, p. 349–358.
- ICCP, 2001, The new inertinit classification (ICCP System 1994): *Fuel*, v. 80, p. 459–471, [www.elsevier.com/locate/fuel](http://www.elsevier.com/locate/fuel).
- Kementerian Energi dan Sumber Daya Mineral, 2021, Road Map Pengembangan dan Pemanfaatan Batubara: <https://www.minerba.esdm.go.id/upload/ebook/20220329144914.pdf> (accessed April 2024)
- Ketris, M.P., dan Yudovich, Y.E., 2009, Estimations of Clarkes for Carbonaceous biolithes: World averages for trace element contents in black shales and coals: *International Journal of Coal Geology*, v. 78, p. 135–148,

doi:10.1016/j.coal.2009.01.002.

- Killops, S., dan Killops, V., 2005, *An Introduction to Organic Geochemistry*, Second Edition: Blackwell Publishing..
- Mukhopadhyay, P.K., dan Hatcher, P.G., 1993, *Composition of Coal: Hydrocarbons from Coals*, p. 79–118.
- Patria, A.A., dan Anggara, F., 2022, Petrological, mineralogical, and geochemical compositions of coal in the Ombilin Basin, West Sumatra, Indonesia: *International Journal of Coal Geology*, v. 262, p. 104099, doi:10.1016/j.coal.2022.104099.
- Pickel, W., Kus, J., Flores, D., Kalaitzidis, S., Christanis, K., Cardott, B.J., Miszkennan, M., Rodrigues, S., Hentschel, A., Hamor-Vido, M., Crosdale, P., Wagner, N., dan ICCP., 2017, Classification of liptinit – ICCP System 1994: *International Journal of Coal Geology*, v. 169, p. 40–61, doi:10.1016/j.coal.2016.11.004.
- PSDMBP, 2022, *Neraca Sumber Daya dan Cadangan Mineral, Batubara, dan Panas Bumi Indonesia Tahun 2022*: [https://geologi.esdm.go.id/publikasi/ laporan-dan-buku/neraca-sumber-daya-mineral-batubara-dan-panas-bumi-indonesia-tahun-2022](https://geologi.esdm.go.id/publikasi/laporan-dan-buku/neraca-sumber-daya-mineral-batubara-dan-panas-bumi-indonesia-tahun-2022) (accessed April 2024)
- Seredin, V. V., 1996, Rare earth element-bearing coals from the Russian Far East deposits: *International Journal of Coal Geology*, v. 30, p. 101–129, doi:10.1016/0166-5162(95)00039-9.
- Seredin, V. V., dan Dai, S., 2012, Coal deposits as potential alternative sources for lanthanides and yttrium: *International Journal of Coal Geology*, v. 94, p. 67–93, doi:10.1016/j.coal.2011.11.001.
- Seredin, V. V., dan Finkelman, R.B., 2008, Metalliferous coals: A review of the main genetic and geochemical types: *International Journal of Coal Geology*, v. 76, p. 253–289, doi:10.1016/j.coal.2008.07.016.
- Speight, J.G., 2005, *Handbook of Coal Analysis: Handbook of Coal Analysis*, p. 1–227, doi:10.1002/0471718513.
- Speight, J.G., 2012, *The Chemistry and Technology of Coal Third Edition*: New York, CRC Press.
- Spiro, B.F., Liu, J., Dai, S., Zeng, R., Large, D., French, D., 2019. Marine derived  $^{87}\text{Sr}/^{86}\text{Ba}$  in coal, a new key to geochronology and palaeoenvironment: Elucidation of the India-Eurasia and China-Indochina collisions in Yunnan, China. *International Journal Coal Geol.* 215, 103304 <https://doi.org/10.1016/j.coal.2019.103304>.
- Sutarwan, A.H., 1995, Petrographical and chemical properties of coals from the Southern Peranap deposit Central Sumatra Basin, Indonesia: University of Wollongong Thesis Collection, Department of Geology, University of

Wollongong.

- Teichmüller, M., 1989, The genesis of coal from the viewpoint of coal petrology: International Journal of Coal Geology, v. 12, p. 1–87, doi:10.1016/0166-5162(89)90047-5.
- Thomas, L.P., 2013, Coal resources and reserves: Woodhead Publishing Limited, v. 1, 80–106 p., doi:10.1533/9780857097309.1.80.
- Zhang, X., Zhang, F., Chen, X., Zhang, W., dan Deng, H., 2012, REEs fractionation and sedimentary implication in surface sediments from eastern South China Sea: Journal of Rare Earths, v. 30, p. 614–620, doi:10.1016/S10020721(12)60100-8.
- Zheng, X., Dai, S., Nechaev, V., Sun, R., 2020. Environmental perturbations during the latest Permian: evidence from organic carbon and mercury isotopes of a coal-bearing section in Yunnan Province, southwestern China. Chem. Geol. 549, 119680 <https://doi.org/10.1016/j.chemgeo.2020.119680>.