Dr inż. Mirosław Słowakiewicz

Spis publikacji

- Yang, H., Xiao, W., **Słowakiewicz, M.**, Ding, W., Ayari, A., Dang, X., Pei, H., 2019. Depth-dependent variation of archaeal ether lipids along soil and peat profiles from southern China: Implications for the use of isoprenoidal GDGTs as environmental tracers. *Organic Geochemistry*, 128, 42-56.
- Mikołajewski, Z., Grelowski, C., Kwolek, K., Czechowski, F., **Słowakiewicz, M.**, Matyasik, I., Grotek, I., 2019. Hydrocarbon habitat it the Zielin Late Permian isolated carbonate platform, western Poland. *Facies*, 52, 2.
- Banerjee, A., **Słowakiewicz, M.**, Majumder, T., Khan, S., Patranabis-Deb, S., Tucker, M.E., Saha, D., 2019. A Palaeoproterozoic dolomite (Vempalle Formation, Cuddapah Basin, India) showing Phanerozoic-type dolomitisation. *Precambrian Research*, 328, 9-26.
- Szafranek-Konieczna, A., Zheng, Y., **Słowakiewicz, M.**, Pytlak, A., Polakowski, C., Kubaczyński, A., Bieganowski, A., Banach, A., Wolińska, A., Stępniewska, Z., 2018. Methanogenic potential of lignites in Poland. *International Journal of Coal Geology*, 196, 201-210.
- Perri, E., Tucker, M.E., **Słowakiewicz, M.**, Whitaker, F., Bowen, L., Perrotta, I.D., 2018. Carbonate and silicate biomineralization in a hypersaline microbial mat (Mesaieed sabkha, Qatar): Roles of bacteria, extracellular polymeric substances and viruses. *Sedimentology*, 65, 1213-1245.
- **Słowakiewicz, M.**, Blumenberg, M., Więcław, D., Röhling, H.-G., Scheeder, Hindenberg, K., Leśniak, A., G., Idiz, E.F., Tucker, M.E., Pancost, R.D., Kotarba, M.J., Gerling, J.P., 2018. Zechstein Main Dolomite oil characteristics in the Southern Permian Basin: I. Polish and German sectors. *Marine and Petroleum Geology*, 93, 356-375.
- Cocker, M.D., Orris, G.J., Dunlap, P., Lipin, B.R., Ludington, S., Ryan, R.J., **Słowakiewicz, M.**, Spanski, G.T., Wynn, J., Yang, C., 2017. Geology and undiscovered resource assessment of the potash-bearing Pripyat and Dnieper-Donets Basins, Belarus and Ukraine. U.S. Geological Survey Scientific Investigations Report 2010-5090-BB, 116 p., and spatial data, https://doi.org/10.3133/sir20105090BB.
- **Słowakiewicz, M.**, Whitaker, F., Thomas, L., Tucker, M.E., Zheng, Y., Pancost, R.D., 2016. Biogeochemistry of Holocene intertidal microbial mats of Qatar: new insights from organic matter characterization. *Organic Geochemistry*, 102, 14-29.
- **Słowakiewicz, M.**, 2016. Characteristic biomarkers in organic matter from three Zechstein (Late Permian) carbonate units. *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften*, 167, 269-279.
- **Słowakiewicz, M.**, Tucker, M.E., Hindenberg, K., Mawson, M., Idiz, E.F., Pancost, R.D., 2016. Nearshore euxinia in the photic zone of an ancient sea: Part II – the bigger picture and implications for understanding ocean anoxia. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 461, 432-448.

- **Słowakiewicz, M.**, Perri, E., Tucker, M.E., 2016. Micro- and nanopores in tight Zechstein 2 Carbonate facies from the Southern Permian Basin, NW Europe. *Journal of Petroleum Geology*, 39, 149-168 (+ issue cover photo).
- Patranabis-Deb, S., **Słowakiewicz, M.**, Tucker, M.E., Pancost, R.D., Bhattacharya, P., 2016. Carbonate rocks and related facies with vestiges of biomarkers: clues to the redox conditions in the Early Mesoproterozoic ocean. *Gondwana Research*, 35, 411-424.
- **Słowakiewicz, M.**, Tucker, M.E., Perri, E., Pancost, R.D., 2015. Nearshore euxinia in the photic zone of an ancient sea. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 426, 242-259.
- **Słowakiewicz, M.**, Tucker, M.E., Vane, C.H., Harding, R., Collins, A., Pancost, R.D., 2015. Shale-gas potential of the mid-Carboniferous Bowland-Hodder unit in the Cleveland Basin (Yorkshire), Central Britain. *Journal of Petroleum Geology*, 38, 59-76.
- **Słowakiewicz, M.**, Pancost, R.D., Thomas, L., Tucker, M.E., Didi-Ooi, S.M., Whitaker, F., 2014. Holocene intertidal microbial mats of Qatar and their implications for petroleum source rock formation in carbonate-siliciclastic-evaporite systems. IPTC 17400.
- Orris, G.J., Cocker, M.D., Dunlap, P., Wynn, Jeff, Spanski, G.T., Briggs, D.A., and Gass, L., with contributions from Bliss, J.D., Bolm, K.S., Yang, C., Lipin, B.R., Ludington, S., Miller, R.J., and **Slowakiewicz, M.**, 2014. Potash—A global overview of evaporite-related potash resources, including spatial databases of deposits, occurrences, and permissive tracts. U.S. Geological Survey Scientific Investigations Report 2010–5090–S, 76 p., and spatial data, *http://dx.doi.org/10.3133/sir20105090S*.
- Hara, U., **Słowakiewicz, M.,** Raczyński, P., 2013. Bryozoans (trepostomes and fenestellids) in the Zechstein Limestone (Wuchiapingian) of the North-Sudetic Basin (SW Poland): palaecological implications. *Geological Quarterly*, 57 (3): 417-432.
- **Słowakiewicz, M.,** Tucker, M.E., Pancost, R.D., Perri, E., Mawson, M., 2013. Upper Permian (Zechstein) microbialites: Supratidal through deep subtidal deposition, source rock, and reservoir potential. *AAPG Bulletin*, 97 (11), 1921-1936.
- Gąsiewicz, A., **Słowakiewicz, M.,** 2013. *Palaeozoic Climate Cycles*: *Their Evolutionary and Sedimentological Impact*. Geological Society, London, Special Publications, 376.
- **Słowakiewicz, M.,** Gąsiewicz, A., 2013. Palaeoclimatic imprint, distribution and genesis of Zechstein Main Dolomite (Upper Permian) petroleum source rocks in Poland: Sedimentological and geochemical rationales. *In*: Gąsiewicz, A., Słowakiewicz, M. (eds) *Palaeozoic Climate Cycles*: *Their Evolutionary and Sedimentological Impact*. Geological Society, London, Special Publications, 376, 523-538.
- Gąsiewicz, A., **Słowakiewicz, M.,** 2013. Late Palaeozoic environmental changes: an introduction. *In*: Gąsiewicz, A., Słowakiewicz, M. (eds) *Palaeozoic Climate Cycles*: *Their Evolutionary and Sedimentological Impact*. Geological Society, London, Special Publications, 376, 1-4.

- Wesełucha-Birczyńska A., **Słowakiewicz M.,** Natkaniec-Nowak, L., Proniewicz L.M., 2011. Raman microspectroscopy of organic inclusions in spodumenes from Nilaw (Nuristan; Afghanistan). *Spectrochimica Acta Part A* 79: 789-796
- **Słowakiewicz, M.,** Mikołajewski, Z., 2011. Upper Permian Main Dolomite microbial carbonates as potential source rocks for hydrocarbons (W Poland). *Marine and Petroleum Geology*, 28: 1572-1591.
- **Słowakiewicz, M.,** Mikołajewski, Z., Sikorska, M., Poprawa, P., 2010. Origin of diagenetic fluids in the Zechstein Main Dolomite reservoir rocks, West Pomerania, Poland. *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften,* 161/1: 25-38
- Natkaniec-Nowak, L., **Słowakiewicz, M.,** 2010. Mineralogical-gemological and microthermometric studies of spodumenes from the Nilaw mine (Laghman Province, Afghanistan) (Badania mineralogiczno-gemmologiczne oraz mikrotermometryczne spodumenów z kopalni Nilaw (Laghman, NE Afganistan). *Przegląd Geologiczny*, 58: 416-425.
- **Słowakiewicz, M.,** Poprawa, P. 2010. Integracja mikrotermometrii inkluzji fluidalnych i modelowań historii termicznej/pogrążania w badaniach pochodzenia węglowodorów i ich nagromadzenia w skałach dolomitu głównego (Ca2) północno-zachodniej Polski (otwór wiertniczy Benice-3). (Fluid inclusion microthermometry and burial/thermal history modeling combined to reveal hydrocarbon origin and accumulation in the Main Dolomite (Ca2) rocks of northwestern Poland (well Benice-3). *Biuletyn Państwowego Instytutu Geologicznego* 439: 181-188.
- **Słowakiewcz, M.,** Kiersnowski, H., Wagner, R., 2009. Correlation of the Middle and Upper Permian marine and terrestrial sedimentary sequences in Polish, German, and USA Western Interior Basins with reference to global time markers. *Palaeoworld*, 18: 193–211.
- **Słowakiewicz, M.,** Mikołajewski, Z., 2009. Sequence stratigraphy of the Upper Permian Zechstein Main Dolomite carbonates in western Poland: a new approach. *Journal of Petroleum Geology*, 32: 215-234.
- **Słowakiewicz, M.,** Mikołajewski, Z., Sikorska, M., 2008. Mikrofacje i diageneza barierowych utworów dolomitu głównego (Ca2) na obszarze Pomorza Zachodniego. (Barrier microfacies and diagenesis of the Main Dolomite (Ca2) strata in the West Pomerania area). *Biuletyn Państwowego Instytutu Geologicznego*, 429: 187-194.
- Mikołajewski, Z., **Słowakiewicz, M.**, 2008. Mikrofacje i diageneza barierowych utworów dolomitu głównego (Ca2) w rejonie bariery Międzychodu (Półwysep Grotowa, Polska Zachodnia). (Microfacies and diagenesis of the Main Dolomite (Ca2) strata in the Międzychód barrier area (Grotów Peninsula, Western Poland). *Biuletyn Państwowego Instytutu Geologicznego*, 429: 191-198.
- **Słowakiewicz, M.,** Łodźiński, M., 2003. H_2O-CO_2-NaCl-CH_4 fluid inclusions in beryls from pegmatites of the Sudety Mts. *Mineralogia Polonica,* 34: 13-26.
- Łodźiński, M., **Słowakiewicz, M.**, 2003. Fluid inclusions in beryls from pegmatites of the Sudety Mts. (Bielawa, Piława Górna, Siedlimowice). *Mineralogia Polonica, Special Papers,* 22: 152-154.

- Sasvári T., Kondela J., Ľuboslav M., **Slowakiewicz M.**, 2003. Indication of Pt-PGE mineralization of the Strieborná vein and throughout of the wider domain of Rožňava ore field area (Spiš-Gemer Ore Mountains, Western Carpathians). *Sborník vědeckých prací Vysoké školy báňské – Technické univerzity Ostrava, Řada hornicko-geologická*, 49: 129-136.