

Dr. Rushdy S. Othman

BSc in Geology (University of Salahadin)

MSc in Petroleum Geology (University of Salahadin)

PhD in Petroleum Geology (University of New South Wales/Australia)

Current Position:

1. Vice President for Administrative and Financial Affairs
2. Lecturer – Department of Petroleum Geosciences
3. Researcher – Scientific Research Centre

Contact Detail:

Presidency of Soran University

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Field of Research:

Petroleum Geosciences

Research Interests:

1. Hydrocarbon Exploration
2. Basin Modeling and Petroleum System

Current Project:

Oil-source rock correlation in Soran area

Awards:

The Society for Organic Petrology (TSOP) Student Grants Program Award
USA (2003)

American Association of Petroleum Geologists (AAPG) Grant-In-Aid Award
USA (1999)

Australian Postgraduate Award-Industry, APA(I)
Australia (1997)

Publications:

Mansurbeg, H., Morad, D., Othman, R., Morad, S., Ceriani, A., Al-Aasm, I., Kolo, K., Spirov, P., Proust, J. N., Preat, A., Koyi, H., 2016, Hydrothermal dolomitization of the Bekhme formation (Upper Cretaceous), Zagros Basin, Kurdistan Region of Iraq: Record of oil migration and degradation. *Sedimentary Geology*, vol. 341, pages 147 – 162.

Salih, N., Muchez, P., Proust, J.N., Kolo, K., Othman, R., Mansurbeg, H., Preat, A., 2016, Hydrothermal diagenetic evolution of Upper Cretaceous Beckme Formation, NE Kurdistan, Iraq. 5th International Geologica Belgica Meeting.

Shlimon, A., Mansurbeg, H., Othman, R., Finster, K., Kjeldsen, K. U., 2015, Microbial community composition of natural oil and asphalt seeps from the Kurdistan Region of Iraq.

5th International Symposium on Applied Microbiology and Molecular Biology in Oil System (ISMOS-5), Stavanger, Norway.

Mansurbeg, H., De Ros, L.F., Morad, S., Ketzer, J.M., El-Ghali, M.A.K., Caja, M.A., Othman, R., 2012, Meteoric-water diagenesis in late Cretaceous canyon-fill turbidite reservoirs from the Espírito Santo Basin, eastern Brazil. *Marine and Petroleum Geology*, vol. 37, pp. 7 – 26.

Othman, R., 2004. Relationships between Rock-Eval S₁ and extractable organic matter for selected source rock samples from New South Wales. 21st Annual meeting of The Society for Organic Petrology, Sydney, book of abstracts, vol. 21, p. 135.

Othman, R., 2004. Geochemical indicators of petroleum potential in the Bowen- Gunnedah-Surat Basins of northern New South Wales. 21st Annual meeting of The Society for Organic Petrology, Sydney, book of abstracts, vol. 21, pp. 132 – 135.

Othman, R., Ward, C.R., 2004, Response of maturity parameters and hydrocarbon generation in vitrinite reflectance suppressed intervals of Bellata-1 petroleum well, Gunnedah and Surat Basins, New South Wales. In: McIntyre, C. (Ed.), *Organic Matter: Interfaces and Interactions*, combined national conference of the Australian Organic Geochemists and International Humic Substances Society. Blue Mountains, NSW, Australia, book of abstracts, pp. 93.

Othman, R., 2003. *Petroleum Geology of the Gunnedah-Bowen-Surat Basins, northern New South Wales: stratigraphy, organic petrology and organic geochemistry*. PhD Thesis, University of New South Wales, Sydney, 360 p. (unpublished).

Othman, R., Ward, C.R., 2003. Response of major geochemical thermal maturity parameters to suppression of vitrinite reflectance, Gunnedah-Surat Basins, New South Wales, Australia. 20th Annual Meeting of the Society for Organic Petrology, Washington, D.C. area, vol. 20, p. 39.

Othman, R., Ward, C.R., 2002. Thermal maturation pattern in the southern Bowen, northern Gunnedah and Surat Basins, northern New South Wales, Australia. *International Journal of Coal Geology*, vol. 51, pp. 145 – 167.

Othman, R., Arouri, K., Ward, C.R., McKirdy, D., 2001. Oil generation by igneous intrusions in the northern Gunnedah, Australia. *Organic Geochemistry*, vol. 32, pp. 1219 – 1232.

Daim, F., Othman, R., 2001, *The geology of area 1 in the Dendrobium area*. BHP Billiton – Illawara Coal, 26 p. (unpublished).

Othman, R., Arouri, K., Ward, C.R., McKirdy, D., 2000. Generation of oil from Triassic lacustrine sediments by igneous intrusion, Gunnedah Basin, New South Wales. *The Australian Organic Geochemistry Conference, Townsville*. book of abstracts (not paginated).

Othman, R., Ward, C.R., 2000. Thermal maturation pattern in the southern Bowen and northern Gunnedah Basins and the overlying Surat Basin sequence, northern New South Wales. 15th Australian Geological Convention, University of Technology, Sydney. Abstracts No. 59, p. 374.

Othman, R., 1999. Thermal history and hydrocarbon generation in the Surat/Bowen Basin, northern New South Wales, Australia. American Association of Petroleum Geologists Bulletin, vol. 83, p. 1892.

Othman, R., Ward, C.R., 1999. Stratigraphic correlations in the southern Bowen and northern Gunnedah Basins, northern New South Wales. In Diessel, C., Swift, E., Francis, S. (Eds.), Proceedings of 33rd Newcastle Symposium on Advances in the study of the Sydney Basin. The University of Newcastle, pp. 23 – 30.

Odisho, K., Othman, R., 1994, A novel approach for hydrocarbon source rock identification using wireline log data-The Triangle Domain Method. 11th Iraqi Geological Conference, book of abstracts, Baghdad, Iraq. p. 8.

Odisho, K., Othman, R., 1992, Preliminary geochemical evaluation of hydrocarbon source rocks in northern parts of Iraq. Iraqi Geological Journal, vol. 25, pp. 136 – 153.

Othman, R., 1990. Generation, migration and seepages of hydrocarbons in northern parts of Iraq, Upper Jurassic – Lower Tertiary. M.Sc Thesis, University of Salahaddin, Iraq, 208 p. (unpublished).