

Dr. Urbashi Sarkar

Assistant Professor, Dept. of Earth Science,
Assam University, Silchar,
Assam, India.

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Research Interest:

Micropalaeontology
Sequence Stratigraphy
Biostratigraphy
Carbonate Sedimentology

Employment:

2017- Present: Assistant Professor, Dept. of Earth Science, Assam University, Silchar, India.
January - December, 2016: Assistant Professor, PG Dept. of Geology, Utkal University,
Bhubaneswar, India.
2013 – 2016: Assistant Professor, Dept. of Earth Science, Assam University, Silchar, India.

Education:

PhD from IIT Bombay, India in 2014.
M.Sc. from Jadavpur University, Kolkata, India in 2008.
B.Sc. from Jadavpur University, Kolkata, India in 2006.

Publication:

- Sarkar, U.**, 2020. Anthropogenic effect: Foraminiferal response. Humboldt Kolleg 2020 on “FLOW”, organized by Alexander von Humboldt Foundation and Dept. of Geological Sciences, Jadavpur University, January 3rd – 5th, 2020.
- Das, R. K., **Sarkar, U.**, 2019. Microfacies and depositional setting of Upper Eocene Carbonate in Meghalaya, NE India. 3rd National Geo-Research Scholars Meet, WIHG, Dehradun, India, June 6-8, 2019
- Das, R. K., Borah, J., **Sarkar, U.**, 2019. Palaeoenvironmental interpretation from microfacies and biofabric analysis from Lower Sylhet Limestone, Meghalaya, India. National seminar on Earth Science researches: New Horizon, P. G. Dept. of Geology, Utkal University, pp. 36.
- Sarkar, U.**, 2018. Identification of larger benthic foraminifera: SEM study. International conference on microscopy And XXXIX annual meeting of EMSI.
- Sarkar, U.**, Mondal, S., Kayal, R., Sarkar, D., Biswas, R. and Mohanty, S., 2018. Comparison of foraminiferal abundance and diversity at different sub-environment of Chandipur coast, Odisha, India. National seminar on Frontiers in Earth Science researches, P. G. Dept. of Geology, Utkal University, pp. 41.
- Sarkar, U.**, 2017. Eocene invertebrate fossils from Dillai Parbat area, Assam, India. National seminar on Earth Resources: development and management, P.G. Dept. of Geology, Utkal University, pp. 56

7. **Sarkar, U.**, 2016. Palaeoenvironment and sea level change from the Eocene deposit of Dillai Parbat, Assam, NE India. International conference on emergence and evolution of the Indian Foreland basin, Centre of Advance study in Geology, Punjab University, pp. 75.
 8. Saraswati, P. K., Banerjee, S., **Sarkar, U.**, Chakraborty, S., Khanolkar, S., 2016. Eocene Depositional Sequence and Cycles in Kutch. Special Publication of the Geological Society of India (6), pp.46-56
 9. **Sarkar, U.**, 2013. Depositional environment and cycles from Early Eocene Naredi Formation, Kutch, India. Modern Geological and Geophysical methods and their application, Jadavpur University. pp. 35.
 10. **Sarkar, U.**, Banerjee, S., Saraswati, P. K., 2012. Integrated borehole and outcrop study for documentation of sea level cycles within the Early Eocene Naredi Formation, western Kutch, India. Journal of Palaeogeography (1), pp 126-137.
 11. Saraswati, P. K., **Sarkar, U.**, Banerjee, S., 2012. *Nummulites solitarius* – *Nummulites burdigalensis* lineage in Kutch with remarks on the age of Naredi Formation. Journal of Geological Society of India (79), pp. 476-482.
 12. Banerjee, S., Chatteraj, S. L., Saraswati, P. K., Dasgupta, S., **Sarkar, U.**, 2012. Substrate control formation and maturation of glauconites in the Middle Eocene Harudi Formation, western Kutch, India. Marine and petroleum geology (30) 1, pp. 144-160.
 13. Banerjee, S., Chatteraj, S. L., Saraswati, P. K., Dasgupta, S., **Sarkar, U.**, Bumby A., 2012. The origin and maturation of lagoonal glauconites: A case study from the Oligocene Maniyara Fort Formation, western Kutch, India. Geological Journal (47), pp. 357–371.
 14. Chatteraj, S. L., **Sarkar, U.**, Chakraborty, S., Banerjee, S. and Saraswati, P. K., 2012. Facies and Paleogeography of the Middle Eocene Fulra Limestone, Kutch. Journal of the Indian Association of Sedimentologists.
 15. **Sarkar, U.**, Saraswati, P. K., Banerjee, S., 2011. Record of Early Eocene sea level fluctuations from the Naredi Formation, western Kutch. XXVIII Convention of Indian Association of Sedimentologists, pp. 80-81.
 16. **Sarkar, U.**, Banerjee, S., Saraswati, P. K., 2011. Depositional Environment and sea level cycles in the Middle Eocene Fulra Limestone, Kutch. XXIII Indian colloquium on Micropaleontology and stratigraphy and international Symposium on Global Bioevents in the Earth History, pp. 172.
 17. **Sarkar, U.**, Chatteraj, S.L., Banerjee, S., Saraswati, P.K., 2011. Occurrence of glauconites in the Paleogene succession of Kutch and their stratigraphic implications. 2nd South Asian Geosciences Conference & Exhibition, GEOIndia2011, pp. 577.
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Professional Experience:

Teaching:

Sedimentology, Utkal University, Bhubaneswar

Fuel Geology, Utkal University, Bhubaneswar

Palaeontology, Utkal University, Bhubaneswar

Sequence Stratigraphy, Utkal University, Bhubaneswar

Palaeontology, Assam University, Silchar
Micropalaeontology, Assam University, Silchar
Sedimentology, Assam University, Silchar
Cenozoic Stratigraphy of India, Assam University, Silchar

Organizer:

1. Co-ordinator, Geo-scientific research during COVID-19: Challenges and Advances, organized by Department of Earth Science, Assam University, Silchar, held on 10th December, 2020.
2. Co-ordinator, Springer Author Lecture on Scientific writing and publishing, organized by Dept. of Earth Science, Assam University, Silchar held on 20th August, 2018.
3. Co-ordinator, National workshop on “Sequence and Seismic Stratigraphy” organized by Dept. of Earth Science, Assam University on 9th and 10th March, 2018.

Research Supervision:

PhD:

2020-ongoing: Shilpika Shaikia, Assam University, Silchar
2019 – ongoing: Jumea Dowari, Assam University, Silchar
2019- ongoing: T Ngamlengin Haokip, Assam University, Silchar

M.Phil:

2018- ongoing: Ranuj Kumar Das, Assam University, Silchar
2016: Ritu Rai, Utkal University, Bhubaneswar

Invited Lecture:

2015: U. Sarkar: Basics of Sequence Stratigraphy, Dept. of Geology, G. C. College, Assam, India.
2020: U. Sarkar: Effect of Covid-19 Pandemic on Environment, One Day International Webinar on Reality and Hope in the Pandemic Phase: An Interdisciplinary Approach, Department of Sociology and IQAC, Surya Sen College, Siliguri, West Bengal.

Professional Memberships:

Geological Society of India (JGSI), Society for Sedimentary geology (SEPM),
International Association for Promoting Geoethics (IAPG)

Declaration:

I hereby declare that the above information is correct to the best of my knowledge.
Date: 25th Feb, 2021
Place: Silchar, India

Dr. Urbashi Sarkar