

LIST OF PUBLICATION: DR. PINAKI ROY

Journals

1. Roy, P. & Mandal, S. (2020) "Behavioural Ecology, Biogeography and Evolution of *Telescopium telescopium* (Linnaeus, 1758) from Chandipur-on-Sea, Odisha, India." *Research & Reviews: Journal of Ecology* 8(3), 1-7.
2. Banerjee, S., Banerjee, A., Palit, D., Roy, P. (2018) "Assessment of vegetation under air pollution stress in urban industrial area for green-belt development." *International Journal of Environmental Science & Technology*. DOI 10.1007/s13762-018-1963-9.
3. Roy, P. & Mukherjee, P. (2017) "Corbulid (*Bivalvia*) species from the Palaeogene Mangrol Lignite Mine of Surat, Gujarat." *Journal of Geological Society of India* 89, 315-320.
4. Roy, P. (2014) "Callovian-Oxfordian hectioceratins from western India: Their biostratigraphic and palaeobiogeographic implications." *Journal of Palaeogeography* 3(2), 174-206.
5. Bardhan, S., Jana, S.K., Roy, P. (2010) "Sexual dimorphism and polymorphism in a Callovian *Phlycticeras* (Ammonoidea) assemblage of Kutch, India." *Geobios* 43, 261-281.
6. Roy, P., Bardhan, S., Mitra, A., Jana, S.K. (2007) "New Bathonian (Middle Jurassic) ammonite assemblage from Kutch, India." *Journal of Asian Earth Sciences* 30, 629-651.
7. Roy, P., Bardhan, S. (2007) "Sexual dimorphism in *Hectioceras giganteum* (Spath) (Ammonoidea) from the Callovian (Middle Jurassic) of Kutch, India." *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen* 245(3), 263-272.
8. Sur, S., Konar, R., Das, P., Roy, P., Bardhan, S. (2006) "Ecology of an endangered bivalve species *Meretrix meretrix* (Linnaeus): A case study from Chandipur-on-Sea, Orissa, India." *Indian Journal of Earth Sciences* 33(1-4), 1-14.
9. Shome, S., Roy, P. (2006) "New record of *Pterolytoceras* (Spath, 1927) from the Upper Jurassic (Late Tithonian) of Kutch, Western India and its palaeobiogeographic significance." *Indian Minerals, GSI* 59(1/2), 57-64.
10. Shome, S., De, S., Roy, P., Das, S. (2004) "Ammonites as biological stopwatch and biogeographical black box – a case study from the Jurassic-Cretaceous boundary (150 Ma) of Kutch, Gujarat." *Current Science* 86(1), 197-202.

Book

1. Roy, P. & Datta, S. (2017) *A case study on burrowing bivalve genus *Mactra* from Chandipur, Odisha*. 52 pp. Lap Lambert Academic Publishing. ISBN: 978-620-2-05112-5.

Book-Chapters

1. Bardhan, S., Shome, S., Roy, P. (2007) "Paleobiogeography of Kutch ammonites during the Latest Jurassic (Tithonian) and a global palaeobiographic overview." In *Cephalopods Present and Past: New Insights and Fresh Perspectives*, pp. 375-395. Springer.
2. Mandal, S. & Roy, P. (2022) "Assessment of Neotectonic Effect on Quaternary Deposits in Darjeeling Himalayas." In *Himalayan Neotectonics and Channel Evolution*. Springer.
3. Roy, P., Mandal, S., Sur, S., Layek, S. (2021) "Cosmopolitan Status for *Taramelliceras kachhense* (Waagen) (Ammonoidea) from Kutch, Western India." In *Mesozoic Stratigraphy of India: A Multi-Proxy Approach*. Springer.
4. Mandal, S., Roy, P., Layek, S. (2021) "Seismicity Forcing Transition from Siliciclastic to Carbonate Realm in the Thaiyat–Hamira Succession of Jaisalmer, Rajasthan." In the same volume.
5. Biostratigraphic Implications of Reineckeidae and Oppeliidae (Ammonoidea) during Callovian from Kutch, Western India. SRF Publication, July 2023, pp. 1–16.
6. Studies on the Deep-Burrower Bivalve *Sanguinolaria* from Chandipur, Odisha, India. SRF Publication, July 2023, pp. 1–10.
7. Evolutionary Implications of *Prohecticoceras* Spath from the Middle Bathonian of Kutch, India. AkiNik Publications, July 2023, pp. 1–19.
8. Palaeobiogeography and Palaeoecology of *Kutchythyris* (Brachiopoda) species from Jaisalmer, Rajasthan, India. AkiNik Publications, July 2023, pp. 21–37.

Conference Proceedings / Papers

1. Roy, P. (2005) "Biotic response during the initial drifting of India: a case study from the Bathonian ammonite assemblages of Kutch, Gujarat." *National Symposium on Gondwana Fragmentation*, Lucknow.
2. Roy, P. (2006) "Phylogeny of the Jurassic family Oppelidae (Ammonoidea): A cladistic and heterochronic approach." *2nd International Palaeontological Congress*, Beijing, China.
3. Roy, P. (2007) "Global warming and mass extinction." *Indian Science Congress*, Annamalai University, Chennai.
4. Roy, P. (2013) "Callovian–Oxfordian oppelids from western India, their biostratigraphic and palaeobiogeographic implications." *1st International Conference on Palaeogeography*, Beijing, China.
5. Roy, P. (2016) "Instigation of cosmopolitan status to *Taramelliceras kachhense* (Waagen) from Kutch, western India." *33rd Convention of the Indian Association of Sedimentologists*, 12-14 Nov 2016, Banaras Hindu University, U.P. India.
6. 📄 Remote sensing and GIS techniques in earth's feature identification and groundwater prospecting. *Invited Lecture*, Bilateral International Conference on Ecotoxicology and Environmental

Sciences,

Oct 19–20, 2022 (India–Bangladesh).

7. Tide-dominated shoreface and barrier–lagoon systems: A case study from Chandipur, Odisha, India. *Presented Paper*, Regional Conference on Geomorphology, Cappadocia, Turkey, Sept 12–14, 2023.
8. Body size–ornamentation covariation in *Pisotrignia* from Kutch, Western India: ecological and evolutionary implications. *Presented Paper*, 39th Convention of the Indian Association of Sedimentologists, Dec 6–8, 2023, Annamalai University.