

CURRICULAM VITAE

Name: Melinda Kumar Bera
Date of Birth: 29.12.1979
Email Address: melinda_bera@yahoo.com
Academic Career: B.Sc. University of Calcutta (2002)
M.Sc. University of Delhi (2004)

Papers published related to the Ph.D. thesis

1. **Bera, M.K.**, Sarkar, A., Chakrabarty, P.P., Loyal R., and Sanyal, P., **2008**. Marine to continental transition in Himalayan foreland, **Bulletin Geological Society of America**, v. 120, p. 1214-1232.
2. **Bera, M.K.**, Sarkar, A., Chakrabarty, P.P., Loyal R., and Sanyal, P., **2010**. "Reply to comments of Singh, B. P. on Marine to continental transition in Himalayan foreland", **Bulletin Geological Society of America**, v. 122, p. 956-959.
3. **Bera, M.K.**, Sarkar, A., Chakrabarty, P.P., Ravikant, V., and Choudhury, A.K., **2010**. Forced regressive shoreface sandstone from Himalayan foreland: implications to early Himalayan tectonic evolution. **Sedimentary Geology**, v. 229, p. 268-281.
4. **Bera, M.K.**, Bhattacharya, K., Sarkar, A., Samanta, A., Kumar, K., and Sahni, A., **2010**. Oxygen isotope analysis of bone and tooth enamel phosphate from Palaeogene sediments: experimental techniques and initial results. **Journal of the Geological Society of India**, v. 76, p. 275-282.
5. **Bera, M.K.**, Sarkar, A., Tandon, S.K., Sanyal, P., and Samanta, A., **2010**. Does burial diagenesis reset pristine isotopic compositions in paleosol carbonates? **Earth and Planetary Science Letters**, v. 300, p. 85-100.

Papers under preparation related to the Ph.D. thesis

1. **Bera, M.K.** et al., The enigma of missing deep water flysch sediments in the Himalayan foreland.
2. **Bera, M.K.** et al., Oligocene initiation and intensification of South-Asian Monsoon System.
3. **Bera, M.K.** et al., Fluid compartmentalization and diagenesis of foredeep sediments.

Papers published related to establishment of various isotope analytical protocols

1. Sanyal, P., Acharya, B.C., Bhattacharya, S.K., Sarkar, A., Agrawal, S., **Bera, M.K.**, **2009**. Origin of graphite, and temperature of metamorphism in Precambrian Eastern Ghats Mobile Belt, Orissa, India: a carbon isotope approach, **Journal of Asian Earth Science**, v. 36, p. 252-260.
2. Sarkar, A., Sengupta, S., McArthur, J.M., Ravenscoft, P., **Bera, M.K.**, Bhushan, R., Samanta, A., and Agrawal, S., **2009**. Evolution of Ganges-Brahmaputra western delta plain: Clues from sedimentology and carbon isotope, **Quaternary Science Reviews**, v. 28, p. 2564-2581.
3. Sarkar, A., Chakraborty, P.P., Mishra, B., **Bera, M.K.**, Sanyal, P., Paul, S., **2010**. Mesoproterozoic sulphidic ocean, delayed oxygenation and evolution of early life: sulphur isotope clues from Indian Proterozoic basins, **Geological Magazine**, v. 147, p. 206-218.