

## RÉSUMÉ

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## QUALIFICATIONS

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### Gist

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| 2006 | Ph.D. Wadia Institute of Himalayan Geology, MoU-HNB Garhwal University |
| 2000 | M.Sc. Geology (First Class), Calcutta University                       |
| 1998 | B.Sc. Hons. (First Class), Geology, Burdwan University                 |

## WORK HISTORY

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ASSISTANT PROFESSOR  
UNIVERSITY OF CALCUTTA

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DURGAPUR GOVT. COLLEGE, DURGAPUR

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LECTURER (GEOLOGY)  
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## PAPERS PUBLISHED

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1. **Subhajit Sinha**. Late Miocene Paleoclimatic Variability in the Himalayan Foreland Basin, India: Records of pronounced arid phase amidst wetter phase around 9.1Ma Himalayan Geology, 2020, 41(2), 157-170.
2. **Subhajit Sinha** and Barendra Purkait. Meander geometry, hydraulics and sedimentary structures—a case study of the Usri River section, Jharkhand, India. Arabian Journal of Geosciences, **2019**, 12(9), 1-16.
3. Sujay Bandyopadhyay, Prasanta Ghosh, N. C. Jana and **Subhajit Sinha**. Probability of flooding vulnerability assessment in the Ajay River, Eastern India: implications for mitigation, Environmental Earth Science, **2016**, 75: 578, 1-22.
4. **Subhajit Sinha**, Rohtash Kumar, Sumit K. Ghosh and Satish J. Sangode. Late Miocene expansion and contraction of the piedmont plains in the Himalayan foreland basin: implications to tectonic vs. climate forcing, Himalayan Geology, **2015**, 36(1), 48-64.
5. Sujay Bandyopadhyay, **Subhajit Sinha**, N. C. Jana and Debasis Ghosh. Entropy application to evaluate the stability of landscape in Kunur River Basin, West Bengal, India, Current Science, **2014**, 107 (11), 1842-1853
6. Sumit K. Ghosh, Anand K. Pandey, Prabha Pandey, Yogesh Ray, **Subhajit Sinha**. Soft-sediment deformation structures from the Paleoproterozoic Damtha Group of Garhwal Lesser Himalaya, India, Sedimentary Geology, **2012**, 261-262, 76-89.
7. Sumit K Ghosh, R., Islam, Yogesh Ray, **Subhajit Sinha**. Palaeoproterozoic seismites in Damtha Group, Lesser Himalaya, India, Himalayan Geology, **2011**, 32 (1), 43-55.
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9. **Subhajit Sinha**, N. Suresh, Rohtash Kumar, Sharat Dutta, B.R. Arora. Sedimentologic and geomorphic studies on the Quaternary alluvial fan and terrace deposits along the Ganga exit. Quaternary International, **2010**, 227(2), 87-103.
10. G. Chakrabarti., D, Shome., B., Belauz, **Subhajit Sinha**. Provenance and weathering history of Mesoproterozoic clastic sedimentary rocks from the basal Gulcheru Formation, Cuddapah Basin. Geol. Soc. India., **2009**, 74, 119-130.
11. **Subhajit Sinha**, Koushik Sen, Rohtash Kumar, Sumit K Ghosh. Sedimentology and Magnetic Fabric studies along a part of the Siwalik Foreland Basin: Implications for tectono-sedimentary expression, Nurgpur Salient, NW Himalaya, India, Current Science, **2009**, 92(2), 260-267.
12. Sumit K. Ghosh, **Subhajit Sinha** and Rohtash Kumar. Response of 10 Ma thrusting event in the Himalayan Foreland sediments, Kangra sub-basin, Himachal Pradesh, India., Himalayan Geology, **2009**, 30(1), 1-15.

13. Rohtash Kumar, Satish J. Sangode, Sumit K. Ghosh, **Subhajit Sinha**. Marine to fluvial transition and erosional hiatus in the Paleogene sediments of NW Himalayan Foreland Basin, India. *Himalayan Geology*, **2008**, 29(2), 147-160.
14. **Subhajit Sinha**, SumitK Ghosh, Rohtash Kumar, R Islam, P Sanyal and SJSangode. Role of Tectono-Climatic Factors In the Neogene Himalayan Foreland Sediments: Petrology and Geochemical Approach, Kangra Sub Basin. *Geol. Soc. India*, **2008**, 71, 787-807.
15. R. Sinha, R. Kumar, **Subhajit. Sinha**, S.K. Tandon, M.R. Gibling. Late Cenozoic fluvial successions in northern and western India: an overview and synthesis. *Quaternary Science Reviews*, **2007** (26), 2801-2822.
16. **Subhajit Sinha**, R Islam, Sumit K Ghosh, Rohtash Kumar and S J Sangode. Geochemistry of Neogene Siwalik mudstones along Punjab re-entrant, India: implications for source-area weathering, provenance and tectonic setting, *Current Science*, **2007**, 92(8), 1103-1113.
17. **Subhajit Sinha**, Rohtash Kumar, Sumit K Ghosh and S J Sangode. Controls on expansion-contraction of late Cenozoic alluvial architecture: A case study from the Himalayan Foreland Basin, NW Himalaya, India. *Himalayan Geology*, **2007**, 28(1), 1-22.
18. **Subhajit Sinha**, S J Sangode, Rohtash Kumar and Sumit K Ghosh. Accumulation history and tectonic significance of the Neogene continental deposits in the west central sector of the Himalayan foreland basin. *Himalayan Geology*, **2005**, 26(2), 387-408.

**Minor Project (Completed): Fluvial processes, morphology and depositional behaviour of Kunur River System, West Bengal: A study from source to sink.** Funding Agency:- State DST (ER). West Bengal

**Major Project (Ongoing): *Sedimentology and chronology of glacial landforms in the upper reaches of Tista River System, Sikkim Himalaya, India.*** Funding Agency:- National Centre for Polar and Ocean Research, (NCPOR), Goa, India