CURRICULUM VITAE

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Education

1999 B.Tech (Computer Science & Engineering), North Eastern Regional Institute of Science and Technology
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Publications related to the doctoral work

1. Thingbaijam, K.K.S., S.K. Nath, A. Yadav, A. Raj, M.Y. Walling, and W.K. Mohanty (2008) Recent seismicity in northeast India and its adjoining region, Journal of Seismology 12, 107-123.
2. Thingbaijam, K.K.S, and S.K. Nath (2008) Estimation of maximum earthquakes in northeast Indian region, Pure and Applied Geophysics 165, 889–901.
3. Nath, S.K., K.K.S. Thingbaijam, and A. Raj (2008) Earthquake Hazard in the northeast India - A seismic microzonation approach with typical case studies from Sikkim Himalaya and Guwahati city, Journal of Earth System Science 117, 809-831.
4. Nath, S.K., and K.K.S. Thingbaijam (2009) Seismic hazard assessment – a holistic microzonation approach, Natural Hazards and Earth System Science 9, 1445–1459.
5. Thingbaijam, K.K.S., P. Chingtham, and S.K. Nath (2009) Seismicity in the northwest frontier province of Indian-Eurasian Plate Convergences, Seismological Research Letters 80, 599–608.
6. Nath, S.K., A. Raj, K.K.S. Thingbaijam, and A. Kumar (2009) Ground motion synthesis and seismic scenario in Guwahati City - A stochastic approach, Seismological Research Letters 80, 233–242.
7. Anbazhagan, P., K.K.S. Thingbaijam, S.K. Nath, J.N. Narendara Kumar, and T.G. Sitharam (2010) Multi-criteria seismic hazard evaluation for Bangalore city, India, Journal of Asian Earth Science 38, 186–198.
8. Nath, S.K., and K.K.S. Thingbaijam (2010) Assessment of seismic site conditions: a case study from Guwahati city, northeast India, Pure and Applied Geophysics DOI: 10.1007/s00024-010-0197-7.
9. Nath, S.K., and K.K.S. Thingbaijam (2010) Comment on "Estimation of Seismicity Parameters for India" by S.T.G. Raghukanth, Seismological Research Letters 81, 1001–1003.
10. Nath, S.K., and K.K.S. Thingbaijam (2011) Peak ground motion predictions in India: An appraisal for rock sites, Journal of Seismology 10.1007/s10950-010-9224-5.

11. Nath, S.K., K.K.S. Thingbaijam, and S.K. Ghosh (2011) Earthquake catalogue of South Asia: A generic M_W scale framework, International Journal of Applied Earth Observation and Geoinformation, under review.
12. Thingbaijam, K.K.S., and S.K Nath. (2011) A seismogenic source framework for the Indian subcontinent, Bulletin of Seismological Society of India, revised version, under review.
13. Nath, S.K., K.K.S Thingbaijam, M.D. Adhikari, A. Nayak, N. Devaraj, S.K. Ghosh, and A.K. Mahajan (2011) Topographic gradient based site characterization in India complemented by strong ground-motion spectral attributes, Soil Dynamics and Earthquake Engineering, revised version, under review.
14. Nath, S.K., K.K.S. Thingbaijam, S.K. Maiti, and A. Nayak (2011) Ground motion prediction equation in Shillong region, northeast India, Journal of Earth System Science, under review.
15. Nath, S.K., and K.K.S. Thingbaijam (2011) A probabilistic seismic hazard model for India, Seismological Research Letters, submitted.