

Dr.Reshma Raskar

Journals

1. Reshma Raskar Phule and Deepankar Choudhury (2017); "Seismic reliability-based analysis and GIS mapping of cyclic mobility of clayey soils of Mumbai city, India", *Natural Hazards*, (ISSN: 0921-030X, Impact Factor: 1.746/2015) Springer, Netherlands, Vol. 85, No. 1, pp. 139-169, doi: 10.1007/s11069-016-2570-z
2. Reshma Raskar-Phule and Deepankar Choudhury (2015); "Seismic liquefaction hazard zonation and contour maps for Mumbai city using open source GIS", *Disaster Advances*, (ISSN: 0974-262X, Impact Factor: 2.272/2012) India, Vol. 8, No. 7, pp. 20-33.
3. Deepankar Choudhury, V. S. Phanikanth, Sumedh Y. Mhaske, Reshma R. Phule and Kaustav Chatterjee (2015); "Seismic liquefaction hazard and site response for design of piles in Mumbai city", *Indian Geotechnical Journal*, (ISSN: 0971-9555), Springer, India, Vol. 45, No. 1, pp. 62-78. doi: 10.1007/s40098-014-0108-4.

Conferences

1. Reshma Raskar-Phule (2009); "Use of Geomatic Technology for Disaster Management (Tsunami Disaster Damage Detection - Case Study In Sri Lanka)", Proc. of Second India Disaster Management Congress, NIDM, New Delhi, India
2. R. Raskar Phule and D. Choudhury (2013); "A critical review of liquefaction susceptibility criteria for fine grained soils subjected to earthquake loading", Proc. of Indian Geotechnical Conference, IGC-2013, Geotechnical Advances & Novel Geotechnical Applications (GANGA), ISBN: 978-81-925548-1-5, December 22 – 24, 2013, IIT Roorkee, Roorkee, India, Paper ID: 5Th-01, pp. 1-10.
3. Deepankar Choudhury, Kaustav Chatterjee, Ashutosh Kumar and Reshma Raskar Phule (2014); "Pile foundations during earthquakes in liquefiable soils – theory to practice", Proc. of 15th Symposium on Earthquake Engineering (15SEE–2014), Editors M.L. Sharma and Manish Shrikhande, December 11-13, 2014, IIT Roorkee, Roorkee, India, pp. 327-342, Paper No. K-001 in CD, Elite Publishing, ISBN No. 978-81-88901-59-3
4. Reshma Raskar – Phule, Prajas Kurangale, Prathamesh Khot, and Disha Kohale (2015); "Some Case Studies on Application of Remote Sensing (RS) and Geographic Information system (GIS) in Civil Engineering", Proc. of Indian Congress of Civil Engineers (ICCE-2015), One day National Conference, December 5, 2015, Bangalore, India

5. Reshma Raskar-Phule and Deepankar Choudhury (2015); "Vulnerability mapping for disaster assessment using ArcGIS tools and techniques for Mumbai city, India", Proc. of 16th ESRI India User Conference, December 3-4, 2015, New Delhi, India
6. Reshma Raskar-Phule and Kshitija Nadgouda (2016); "Spatial Variability Mapping of N-value of soils of Mumbai City using ArcGIS", Proc. of ESRI Regional User Conference, August 4-5, 2016, Hyderabad, India
7. Jimmy Chacko, Shubham Wankhede, Anushruti Kukreja, and Reshma Raskar-Phule (2016); "A Case Study on Sustainable Development in India", ICASET-16, October 18-19, 2016, Tirupati, India.
8. Laxman Gaikwad, Saurabh Deshmukh, Asmita Deshmukh, Bhavik Bohra, and Reshma Raskar-Phule and Kshitija Nadgouda (2016); "A Step towards Sustainable Environment for Better Tomorrow", Proc. of ICASET-16, October 18-19, 2016, Tirupati, India.
9. Chintan Vora and Reshma Raskar-Phule (2016); "A Study on Need of Inclusive Development and Environment Sustainability in India", Proc. of ICASET-16, October 18-19, 2016, Tirupati, India.
10. Devyani Shirule and Reshma Raskar-Phule (2016); "Role of Industries in India towards sustainable growth", Proc. of ICTIE-16, December 15-16, 2016, Pune, India.
11. Aashay Papnoi, Aditya Surve, Pranay Silgiri, Ashutosh Wankhede, Reshma Raskar-Phule (2017); "Transportation Infrastructure Vulnerability and Risk mapping for Metro city of Navi Mumbai, India", Proc. of ESRI User Conference, January 18-20, 2017, New Delhi, India
12. Prachi Nana Wakode, Reshma Raskar-Phule, Kaustubh Lunawat, Bhaswini Kokitkar, Pravin Londhe, Omeshwari Kurzekar (2017); "A Case Study on Sustainability: GIFT City", Proc. of ICACE-16, February 24-25, 2017, Mumbai, India.
13. Reshma Raskar-Phule (2009) "Real Time Computation of Precipitable Water Vapour Using Global Positioning System - Data Quality Improvement", Proc. of GPS/GNSS 2009, 2009 International Symposium on GPS /GNSS, November 4-6, 2009, ICC, Jeju, Korea.
14. Reshma Raskar-Phule, Gabale Vaibhav, Pawar Nilesh, Kurangale Prajas, Alone Rashmi (2016) "Estimating the cyclic softening of clays of five different sites at Matsyapuri, Willingdon Island, Kochin, Kerala, India", 5th International Conference of Geotechnical and Geophysical Site Characterization, Queensland, Australia, 5-9 September 2016.

15. Reshma Raskar-Phule and Deepankar Choudhury (2017); “Seismic liquefaction hazard-vulnerability analysis and mapping of existing important buildings of Mumbai city, India”, Proceedings of the 19th International Conference on Soil Mechanics and Geotechnical Engineering (19th ICSMGE, Seoul 2017), September 17-22, 2017, COEX Convention Centre, Seoul, South Korea, pp. 3319-3322.
16. Reshma R. Phule and Deepankar Choudhury (2018); “Assessing and mapping seismic liquefaction hazard, vulnerability, and risk of the transportation infrastructure of Mumbai city, India”. In Geotechnical Earthquake Engineering and Soil Dynamics V: Seismic Hazard Analysis, Earthquake Ground Motions, and Regional-Scale Assessment, Geotechnical Special Publication No. GSP 291, ASCE, Edited by Scott J. Brandenberg and Majid T. Manzari (ISBN 978-0-7844-8146-2), Reston, VA, USA, pp. 658-666. doi: 10.1061/9780784481462.064