

Resume

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Academics Record

Ph. D in Environmental Sciences from **Indian Institute of Technology (Indian School of Mines)** Dhanbad in the year 2015.

M. Sc in Environmental Sciences from **Osmania University**, Hyderabad in the year 2010.

Dissertation: Environmental Impact Assessment (EIA) at UCIL, Turamdih, Jaduguda (Jharkhand)

B. Sc in Microbiology from **Osmania University**, Hyderabad in the year 2008.

Diploma in Environmental Management & ISO 14000/14001 from National Institute of Labour Education and Management (NILEM) in 2014.

Publications

D. Khan., A. Kumar., and S. R. Samadder (2018). Public acceptance study of environmentally suitable landfill sites. *Current Science*, 115(11), 2122.

S. R. Samadder., R. Prabhakar., **D. Khan.**, D. Kishan., and M. S. Chauhan (2017). Analysis of the contaminants released from municipal solid waste landfill site: A case study. *Science of the Total Environment*, 580, 593-601.

D. Khan, A. Kumar and S. R. Samadder (2016). Impact of Socioeconomic Status on Municipal Solid Waste Generation Rate” *Waste Management* 49, 15-25.

D. Khan and S. R. Samadder (2015). “A Simplified Multi-criteria evaluation model for landfill site ranking and selection based on AHP and GIS.”, *Journal of Environmental Engineering and Landscape Management* 23(4), 267-278.

D. Khan and S. R. Samadder (2014). “Municipal Solid Waste Management Using GIS Aided Methods: A Review.” *Waste Management & Research* 32(11), 1049 –1062.

D Khan and Samadder, S. R. (2014). “Application of GIS in Landfill Siting for Municipal Solid Waste.” *International Journal of Environmental Research and Development*. ISSN 2249-3131. 4(1). 37-40.

D. Khan and Samadder, S. R. (2016). Allocation of solid waste collection bins and route optimisation using geographical information system: A case study of Dhanbad City, India. *Waste Management & Research*, 34(7), 666-676.

D. Khan and S. R. Samadder (2015). “Public Acceptance Study of the Environmentally Suitable Landfill Sites: A Case Study of Dhanbad City, India.” (Under review)

International Conferences

Khan, D., Vinod, B. V., and Samadder, S. R. (2012). “Impact of Municipal Solid Waste Leachates on Groundwater and Investigate the Effectiveness of Various Geoliner to Control the Leachate Flow Behaviour.” November 2-4, 2012. 4th International Conference of National Environmentalists Association on Anthropogenic Impact on Environment and Conservation Strategy, Ranchi, India.

Khan, D. and Samadder, S. R. (2013). “The Status of Municipal Solid Waste Management in Dhanbad, India and a GIS Approach for Landfill Siting.” August 16-18 2013. International Conference on Conserving Biodiversity for Sustainable Development (INCCBSD 2013), 2013. National Institute of Technology, Rourkela, Odisha, India.

Khan, D. and S. R. Samadder (2014). “Application of GIS in Landfill Siting for Municipal Solid Waste.” January 4-5, 2014. 2nd International Conference on “Sustainable Innovative Techniques In Civil and Environmental Engineering” (SITCEE – 2014), Jawaharlal Nehru University, New Delhi.

Khan, D. and S. R. Samadder (2014). “How Geospatial Technology Helps in Landfill Site Selection.” December 16-18, 2014. 4th International Conference, World Science Congress. Gandhi Bhaban of Jadavpur University, Kolkata.

Khan, D., Agarwal, R. and A. Arunachalam (2017) Climate Resilience for Food Security: An Opportunity and Challenge. In: p. 24 ‘Abstracts’ Volume International Conference on Inner and outer climate and the quest for environmental sustainability, 24-26 March, 2017 in Dehra Dun, by Doon University, Tarab Ling Institute and Doon Library & Research Centre, Dehradun.

Experiences

- Coordinating various organizations under Paleo Climate Change Project at Ministry of Earth Science, New Delhi.
- Solid Waste Management in Punjab under AMRUT with Punjab Municipal Infrastructure Development Company in Chandigarh.
- Coordinating all the partner institutes involved in National Mission for Sustaining Himalayan Ecosystem Task Force 6 funded by DST
- Forest Cover and Forest type mapping of India for Forest Survey of India.
- Preparation of Maps for 60 countries within a stipulated time period by scaling up operations immensely for specialist for Google Pvt. Lmt India.

Achievements

Has been awarded the best paper presented on “How Geospatial technique helps in landfill site selection” in an International conference on World Science Congress 2014, Jadavpur University in 2014.

Has been awarded the first class first (**Gold medallist**) in the Master of Science in Environmental Science at University College of Science, Osmania University in 2010.