

## LIST OF PUBLICATIONS

### Publication in peer reviewed journals:

Anirban Dhulia, Rajiv Ganguly, Anchal Sharma, Disha Thakur, Michel C Boufadel, (2025) 'Investigation of BMP and energy generation potential from Municipal Solid Waste under anaerobic condition'. *Clean Technologies and Environmental Policy*, Article available online on 28/06/2025. (SCI Indexed, IF (2023/24) – 4.2)  
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Harshit Verma, Dipteek Parmar, Rajiv Ganguly, (2025) 'Effect of ventilation settings on the in-car PM concentrations and the associated health risks in Kanpur, India.' *Atmospheric Pollution Research*, 16(9), Article ID: 102584. (SCI Indexed, IF (2023/24) – 3.9).  
<https://doi.org/10.1016/j.apr.2025.102584>

Varun Yadav, Rajiv Ganguly, (2025) 'Evaluation and Spatial Mapping of Criteria Air Pollutants in an Industrial City in India.' *Journal of Hazardous, Toxic and Radioactive Waste*, 29(3), Article ID: 04025011 (ASCE Publications, Scopus Indexed). (SCI Indexed, IF (2023/24) – 2.1). <https://doi.org/10.1061/JHTRBP.HZENG-1450>

Prachi Vasistha, Rajiv Ganguly (2024) 'Water quality characterization for two lakes in Panchkula, Haryana, India.' *Water Quality Research Journal*, 59(4), 268-293. (SCI Indexed, IF (2023/24) – 2.4) <https://doi.org/10.2166/wqrj.2024.124>

Varun Yadav, Rajiv Ganguly, (2024) 'Variation of ambient air pollutants and their impacts on Kanpur city, India, during 2016–2020.' *Journal of Earth System Science*, 133, Article ID: 145. (SCI Indexed, IF (2022/23) – 2.0).  
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Shubham Chandra, Rajiv Ganguly, Dipteek Parmar (2023) 'Assessment of gas generation and energy recovery from municipal solid waste in Kanpur city, India.' *Environmental Monitoring and Assessment*, 195, Article ID: 1107. (SCI Indexed, IF (2022/23) –3.0)  
<https://doi.org/10.1007/s10661-023-11727-3>

Rishi Rana, Rajiv Ganguly, Ashok Kumar Gupta, (2023) 'Toxicity analysis and behaviour of nano-particles in leachate from non-engineered landfill sites of Chandigarh, Mohali, and Panchkula cities-Tricity'. *Nanotechnology for Environmental Engineering*, Available online at: <https://doi.org/10.1007/s41204-023-00322-z> (Scopus Indexed)

Shubham Chandra, Rajiv Ganguly (2023) ‘Assessment of landfill gases by LandGEM and energy recovery potential from municipal solid waste of Kanpur city, India.’ *Heliyon*, **9(1)**, Article ID: e15187. (SCI Indexed, IF (2022/23) –3.776) <http://dx.doi.org/10.1016/j.heliyon.2023.e15187>

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### **Publication in Conference Proceedings.**

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Shubham Chandra, Rajiv Ganguly (2022) ‘Assessment of Methane generation from Municipal Solid Waste using LandGEM model for Kanpur City, India’ in *Chemcon 2022 (Chemcon 2022) held during December 27-30, 2022 at HBTU Kanpur, UP, India.*

Varun Yadav, Rajiv Ganguly (2022) ‘Assessment of effect of vehicular emissions on Kanpur city using Vulnerability Analysis’ in *International Conference on Advances in Civil Engineering, 2022 (ICACE 2022) held during December 20-22, 2022 at LSKBJ College of Engineering, Chandwad, Nashik, India*

Harshit Verma, Dipteek Parmar, Rajiv Ganguly (2022) ‘Compliance of Vehicular Emission Norms in Kanpur city, India’ in *International Conference on Advances in Civil Engineering, 2022 (ICACE 2022) held during December 20-22, 2022 at LSKBJ College of Engineering, Chandwad, Nashik, India*

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Anchal Sharma, Rajiv Ganguly, Ashok Kumar Gupta (2017). 'Matrix Method for Evaluation of Existing Solid Waste Management Processes in Jalandhar city, Punjab, India' in 7<sup>th</sup> *International Conference on Solid Waste Management (IconSWM 2017)* held during December 15-17 2017 at PJTS Agricultural University, Rajendranagar, Hyderabad, Telangana, India

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