

LIST OF PUBLICATIONS

Faculty: Dr Pankaj Pathak

Department of Environmental Sciences

JOURNAL PUBLICATIONS

Review on Indian Municipal Solid Waste Management Practices for Reduction of Environmental Impacts to achieve Sustainable Development Goals - Y. Pujara, **P. Pathak***, A. Sharma, J. Govani, *Journal of Environmental Management*, 248, 109238 (2019).

Sorption Isotherms, Kinetics, and Thermodynamics of Contaminants in Indian Soils - **P. Pathak***, S. Sharma, *Journal of Environmental Engineering*, 144(10), 1-9 (2018).

Identification of personal exposure to air pollutants from bonfire during winter season of rural area of Gujarat, India - S. Gautam*, A. Talatiya, M. Patel, K. Chabhadiya, **P. Pathak***, *Exposure and Health*, 1, 1-9 (2018).

Assessment of legislation and practices for the sustainable management of WEEE in India - **P. Pathak***, R.R. Srivastava, Ojasvi, *Renewable & Sustainable Energy Reviews*, 78, 220-232 (2017).

An assessment of strontium sorption onto bentonite buffer material in waste repository - **P. Pathak***, *Environmental Science and Pollution Research*, 24, 8825-8836 (2017).

Guidelines for Quantification of Geomaterial-Contaminant Interaction- **P. Pathak**, D.N. Singh*, G.G. Pandit, R.R. Rakesh, *Journal of Hazardous, Toxic and Radioactive Waste*, 20(1), 1-10 (2016).

Statistical Analysis for Prediction of Distribution Coefficient (kd) of Soil-contaminant System - **P. Pathak**, D.N. Singh*, P.R. Apte, G.G. Pandit, *Journal of Environmental Engineering*, 142 (1), 1-11 (2016).

Establishing Sensitivity of Distribution Coefficient on Various Attributes of Soil-contaminant System - **P. Pathak**, D.N. Singh, G.G. Pandit, P.R. Apte, *Journal of Hazardous, Toxic and Radioactive Waste*, 18(1), 64-75 (2014).

Determination of Distribution Coefficient: A Critical Review - **P. Pathak**, D.N. Singh, G.G. Pandit, R.R. Rakesh, *International Journal of Environment and Waste Management*, 14, 27-64 (2014).

Characterization of Aeolian Sands from Indian desert - G.P. Padmakumar, K. Srinivas, K.V. Uday, K.R. Iyer, **P. Pathak**, S.M. Keshava, D.N. Singh, *Engineering Geology*, 139-140, 38-49 (2012).

Solvent mediated interaction for the selective recovery of Cadmium from Ni-Cd Spent battery - A. Agrawal, **P. Pathak**, D. Mishra, K.K. Sahu, *Journal of Molecular Liquids*, 173, 77-84 (2012).