

ARUP DAS

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EDUCATION

Doctor of Philosophy (PhD)

Indian Institute of Technology Kharagpur, 2013

Master of City Planning (MCP)

Indian Institute of Technology Kharagpur, 2007

Bachelor of Architecture (B.Arch)

Bengal Engineering and Science University, Shibpur, 2005

TEACHING

- ❖ *Assistant Professor*, Department of Architecture & Regional Planning, IIT Kharagpur, May'2015 – till date
- ❖ *Assistant Professor*, Department of Planning & Architecture, NIT Rourkela, Feb' 2014 – May'2015
- ❖ *Assistant Professor*, Department of Architecture, BIT Mesra, Aug' 2012 – Jan'2014

CONSULTANCY

Co- Project Investigator

Name of project	Consultant	Client	Responsibilities
Landuse Development and Control Plan (LUDCP) for Haldia Sub-Division, West Bengal (July 2015 onwards)	SRIC, IIT Kharagpur. Principal Investigator: Dr. T.N. Mazumder, Dr. A.K. Gupta	Haldia Development Authority (HDA)	To prepare LUDCP for Nandigram – I and Nandigram-II for HDA

PUBLICATIONS

- I. Das, A., Gupta, A.K. and Mazumder, T.N. (2012). Vulnerability assessment using hazard potency for regions generating industrial hazardous waste. *Journal of Hazardous Materials*, 209-210, 308-317.
- II. Das, A., Gupta, A.K. and Mazumder, T.N. (2012). A comprehensive risk assessment framework for offsite transportation of inflammable hazardous waste. *Journal of Hazardous Materials*, 227-228, 88-96.
- III. Das, A., Mazumder, T.N. and Gupta, A.K. (2012). Pareto frontier analyses based decision making tool for transportation of hazardous waste. *Journal of Hazardous Materials*, 227-228, 341-352.

- IV. Digambar, A. P., Das, A. and Mazumder, T.N. (2010). Residential location choice: A study of household preferences for the city of Nagpur. *Institute of Town Planners, India Journal*, 7-3, 1-19.
- V. Dey, C., Mazumder, T.N. and Das, A. (2007). Location allocation of food processing industries: A case study of West Bengal. *Spatio-Economic Development Record*, 14, 3, 5-14.
- VI. Dube, S.K., Mazumder, T.N. and Das, A. (2006). An approach to vulnerability assessment for tropical cyclones: A case study of a coastal district in West Bengal. *Institute of Town Planners, India Journal*, 3:4, 15-27.
- VII. Das, A., Mazumder, T.N. and Gupta, A.K. (2016). A methodology to design a composite Accident Index and assess the links in a network carrying hazardous waste: A case study of Kolkata Metropolitan Area. *Transportation Research Procedia*, Accepted.

CONFERENCES

- I. Arup Das, Dr. T.N. Mazumder and Dr. A.K. Gupta, *Appraisal of policy for industrial hazardous waste infrastructure*. Paper presented at International Conference on Frontiers of Infrastructure Finance (ICFIF 2011), VGSOM & RCGSIDM, Indian Institute of Technology Kharagpur, 2011.
- II. Arup Das and Dr. T.N. Mazumder, *Management of Electronic waste (e-waste) in developing countries – Case study of India*. Paper presented at International Conference on Urbanism and Green Architecture (CONUGA 2010), NIT Hamirpur, 2010.
- III. Dr. T.N. Mazumder and Arup Das, *Urban transport in Indian Towns: Emerging Issues, Planning Alternatives and Choices*. International Conference on Urban Planning & Environment (2007), Elphinstone College, Mumbai, 2007

CURRENT RESEARCH ACTIVITIES

- I. Risks pertaining to offsite transportation of Bio-Medical Wastes through an urban road network
- II. A methodology to assess vulnerability due to cyclones in coastal districts of West Bengal

EDITORIAL/REVIEWER EXPERIENCE

Reviewed papers for following international journals –

- Transportation Research Part – E (Elsevier; Impact factor – 2.2),
- International Journal of Water Resources and Environmental Engineering (IJWREE)

- International Journal of Engineering and Technology Innovation (IJETI)

HONORS AND AWARDS

- Certificate of merit from Birla White Yuvaratna Awards, 2015 (guided student to win 3rd prize at the national level)

PROFESSIONAL ASSOCIATIONS

- Associate of the Institute of Town Planners India (2011 – 069)
- Member of Council of Architecture, India (CA/2010/50258)

RESEARCH INTERESTS

- Hazardous waste management
- Risk analyses
- Urban planning
- Environmental Planning