

Dr. Pallavi Das

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Academic Qualifications

Ph.D (Environmental Science), Tezpur University, Assam
M.Sc (Environmental Science), Tezpur University, Assam

Area of Research: Soil and water pollution, diffuse pollution source, sediment-geochemistry, heavy metal speciation, weathering and climate change.

Conferences/Seminars/Dialogues

Oral presentations: 6
Poster presentations: 7
Workshops: 5

Fellowship and awards

1. Qualified **National Eligibility Test for Lectureship** conducted by UGC in Environmental Science, June 2012.
2. Recipient of **Rajiv Gandhi Senior Research Fellowships** for the session 2011-2015
3. Receipt **Best Research Award** at 4th IWA Asia Pacific Young Water Professionals Conference 7-10 December, 2012 Tokyo, Japan.

Publications

- **Pallavi Das**, Kali Prasad Sarma, Pawan Kumar Jha, Roger Herbert Jr, Manish Kumar, Understanding the cyclicality of Chemical weathering and associated CO₂ consumption in the Brahmaputra River Basin (India): the role of major rivers in climate change mitigation perspective, *Aquatic Geochemistry* 10.1007/s10498-016-9290-6, 1-27, 2016.
- **Pallavi Das**, Kali Prasad Sarma, Manish Kumar, Understanding of Chemical Speciation of Lead, Zinc and Copper in Vertical Profile of the Sediments of the Brahmaputra River, Assam, India, *Asian Journal of Water, Environment and Pollution* 12, 21-28, 2015.
- **Pallavi Das**, Manish Kumar, Kali Prasad Sarma, Speciation of heavy metals in surface sediment of the Brahmaputra River, Assam, India *Journal of Environmental Research and Development* 9 (3A), 944-952, 2015.
- Shashi Prabha, Manish Kumar, Alok Kumar, **Pallavi Das**, AL. Ramanathan, Impact assessment of textile effluent on groundwater quality in the vicinity of Tripur industrial area, southern India, *Environmental Earth Science* 70, 3015-3022, 2014.
- Shashi Prabha, A. L. Ramanathan, Anindita Gogoi, **Pallavi Das**, Jyoti Prakash Deka, Vinay Kumar Tayagi, and Manish Kumar, Suitability of conventional and membrane bioreactor system in textile mill effluent treatment, *Desalination and Water Treatment* 1-10, 2014.