

Journal of Earth Science and Climatic Change

Editor-in-Chief

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Biography

- Dr. Pant is the Director of Interdisciplinary Environmental Science Program, Lehman College, the City University of New York, USA
- He received Ph.D. in Environmental Biology from Dalhousie University, Halifax, Canada in 1998.

Research Interest

- Biogeochemical cycles of Carbon, Nitrogen, Phosphorus, etc.
- Soil/Sediment/water quality
- Ecological indicators
- Carbon sequestration
- Global change

Publications

- Wang, J., and H.K. Pant (2011) Assessments of potential spatial-temporal variations in phosphorus distribution and fractionation in river bed sediments. *Clean-Soil, Air, Water* 39:148-156. DOI: 10.1002/clen.201000088.
- Wang, J., and Pant, H.K. (2010) Enzymatic hydrolysis of organic phosphorus in river bed sediments. *Ecological Engineering* 36:963-968.
- Wang, J., and Pant, H.K. (2010) Phosphorus sorption characteristics of the Bronx River bed sediments. *Chemical Speciation and Bioavailability*.
- Pant, H.K. (2009) A preliminary study on estimating extra-cellular nitrate reductase activities in estuarine systems. *Knowledge and Management of Aquatic Ecosystems* 392:1-11.

- Huang, S. and H.K. Pant (2009) Nitrogen transformation in wetlands and marshes. *Journal of Food, Agriculture and Environment* 7:946-954.

- Wang, J., Pant, H.K. 2009. Identification of organic phosphorus compounds in the Bronx River bed sediments by phosphorus-31 nuclear magnetic resonance spectroscopy. *Environ. Monit. Assess.* DOI 10.1007/s10661-009-1280-3.
- Huang, S. and H.K. Pant, J. Lu (2008) Nitrous oxide emission in non-flooding period from fallow paddy soils. *Journal of Environmental Sciences* 20:1335-1340.
- Pant, H.K. (2007) Nonlinear effects of climate change on phosphorus stability in wetlands: concept and estimation *Journal of Food, Agriculture and Environment* 5:295-301.
- Pant, H.K. (2007) Phosphatase. *McGraw-Hill Encyclopedia of Science and Technology*, 10th Edition, the McGraw-Hill Companies, NY.

Scientific Presentations

- Pant, H.K. (2011) Assessing phosphorus loading in wetlands. National/International Meeting of American Geophysical Union (AGU), San Francisco, CA, December 5–9, 2011 (oral presentation).
- H.K. Pant (2008) Global warming and water issues. Seventh Annual Nature, Ecology & Society Colloquium, City University of New York, Graduate Center, 365 Fifth Avenue, New York City, March 7, 2008 (oral presentation).
- Wang, J., and H.K. Pant (2009) Assessments of spatial-temporal variations in phosphorus pools and mineralization in the Bronx River bed sediments. SUITMA (Soils of Urban, Industrial, Traffic, Mining, and Military Areas). The 5th International Conference. , the City University of New York, the Graduate Center, 365 Fifth Avenue, New York City, September 20–25, 2009 (oral presentation).

Thank you