

Huang Ying

Status: PhD student (graduated) and Research Fellow (completed)
Research Topic: Flood inundation modeling under uncertainty

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Education:

- M.Sc., Environmental Science, North China Electric Power University, China, March 2010
- B.Sc., Environmental Engineering, Dalian University of Technology, July 2006

Working & Research Experiences

- Nov. 1, 2007 to Mar. 1, 2010, Participated in the project of “Remediation of Petroleum Contamination at Liaohe Oil Field, City of Panjin, Liaoning Province, China” funded by China National Petroleum Cooperation (CNPC), China.
- Mar. 1, 2009 to Mar.1, 2010, Participated in the project of “Integrated Diagnosis, Prevention and Control of Urban Diseases”, the seventh sub-project of the Major State Basic Research Development Program of China (i.e. 973 Programs): System Identification Theory and Ecological Regulation and Control Mechanism of Modern City Diseases (Project #: 2005CB724200).
- Sept.1, 2008 to Oct.1, 2008, Participated in the project of “Improved Waste Resources Management and Drinking Water Safety in Rural Regions of China” funded by UNDP and Coca-Cola Company.

Research Interests

- Contaminated site remediation and subsurface modeling
- Solid waste management
- Environmental systems analysis and process optimization

Publications

- Huang, Y., Huang, G.H., Xu, Y. and Hu, Q. A Fuzzy-Parameterized Stochastic Modeling System for Predicting Multiphase Subsurface Transport under Dual Uncertainties, Civil Engineering and Environmental Systems, (Revised in 23-Nov.-2010, MS# GCEE-2010-0021)
- Xu, Y., Huang, G.H., Qin, X.S., Huang, Y. (2009). SRFILP: A Stochastic robust fuzzy interval linear programming model for municipal solid waste management under uncertainty. Journal of Environmental Informatics, 14(2): 74-82
- Xu, Y., Huang, G.H., Qin, X.S., Huang, Y. (2010). Inexact Fuzzy-Chance-Constrained Agricultural Water Quality Management Model. Journal of An Hui Agricultural Sciences (in Chinese), 6: 3112-3114.