

Dianzhang Wang

Associate Professor of Environmental Science & Technology

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Education:

- Ph.D., Nanjing Agricultural University; Ecology, 2010
- M.A., Nanjing Agricultural University; Environmental Science and Engineering, 2004

Research interests and expertise:

- My work mainly focus on anaerobic digestion project, livestock and poultry breeding wastewater treatment works, slaughtering wastewater treatment works and other wastewater treatment engineering design. In addition, I study the effects of biological acidification, secondary mineral formation and biological flocculation on the performance of sludge dewatering and the related mechanisms.

Selected publications:

- Dianzhan Wang, Guanyu Zheng, Lixiang Zhou (2012). Isolation and characterization of a nitrobenzene-degrading bacterium *Klebsiella ornithinolytica* NB1 from aerobic granular sludge.
- *Bioresource Technology*, 110:91–96.
- Dianzhan Wang, Guanyu Zheng, Shimei Wang, Dewei Zhang, Lixiang Zhou(2011). Biodegradation of aniline by *Candida tropicalis* AN1 isolated from aerobic granular sludge. *Journal of Environmental Sciences*, 23(12):2063–2068.