

Zhaohui Luo

Professor of Environmental Engineering

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Education:

- **PH.D**, University of Yamanashi, Environmental Engineering, 2009
- **MA.Eng.**, Hohai University, Environmental Engineering, 2005
- **B.Eng.**, Hohai University, Irrigation and Drainage Engineering, 2002

Research interests and expertise:

- Photocatalytic water treatment technology
- Utilization and recycle of agricultural wastes and residues
- Applications of ecological engineering in water environment
- Water pollution control

Current projects:

- Hydraulic Science and Technology of Jiangsu Province, Study on water saving effect of microbe organic fertilizers in paddy field.2015 -2018.
- Hydraulic Science and Technology of Jiangsu Province, Study on the evaluation of water use efficiency of rice and its adaptive irrigation strategies 2016 -2018.

Current teaching:

- Soil and water conservation (Fall quarter)
- Water resources and water environmental management (Fall quarter)
- Theory and techniques of water-saving agriculture (fall quarter)

Selected publications:

- Dan Chen, BoBi, **Zhaohui Luo***, Xinchun Cao, WeiguangWang, Jing Chen , Communicating about the environmental sustainability assessment of China's cement industry based on emergy, Ecological Indicators, 2018(86):96-97
- D. Chen, Z. Liu, **Z. Luo***, M. Webberc and J. Chen, "Bibliometric and visualized analysis of emergy research," Ecological Engineering,2016,(90):285–293.
- **Zhaohui Luo***, Chuanling Wei, Nannan He, Zhiguo Sun, Huixin Li, Dan Chen, Correlation between the Photocatalytic Degradability of PAHs over Pt/TiO₂-SiO₂ in Water and Their Quantitative Molecular Structure, Journal of Nanomaterials, Volume 2015, Article ID 284834,1-12.
- **Zhaohui Luo***, Lu Li, Chuanling Wei, Huixin Li, Dan Chen, Role of active oxidative species on TiO₂ photocatalysis of tetracycline and the optimization of photocatalytic degradation conditions, Journal of Environmental Biology, 2015, 36 (4): 837-843.
- He Nan-nan, Guan Yong-xiang, Liang Yong-hong, Wu Hao, **Luo Zhao-hui***, Zhao Hai-yan, Gu Zu-li. Simultaneous Determination of 3TCs and 6SAs in Biogas slurry by

Solid Phase Extraction and High Performance Liquid Chromatography, Journal of Analytical Science, 2016,35(10):2034-2040