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First Name: **Jinju** Last Name: **Geng**

Title: **Professor**

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Education:

PhD: Nanjing University MS: Jiangnan University BS: Wuxi University of Light Industry

General Areas of Expertise:

Fate and transport of contaminant; advanced wastewater treatment and reuse technology

Short Bio:

Dr. Geng is a full professor in the school of Environment at Nanjing University. She received her Ph.D degree in Environmental Science from Nanjing University in 2005. After that, she worked in Nanjing University. Her research is focused on the fate and transport of contaminants (Nitrogen, Phosphorus, ARGs, NSAIDs, Artificial sweeteners, etc) in the wastewater treatment system and aquatic environment, and the advanced wastewater treatment and reuse technology. Prof. Geng has published more than 70 referred research papers, and got over 20 patents authorized by China and USA. Her work was awarded one National Award (class II) for Technological Invention and two provincial technology awards (class I and class) for Technological Invention.

Five Representative Publications:

Qiu, H.M.; Geng, J.J.*, Ren, H.Q., Ding, L.L., Xu, K.; Zhang, Y. Aquatic transformation of phosphite under natural sunlight and simulated irradiation. Water Research, 2017, 109: 69-76.
Ren, Y.H.; Geng, J.J.*; Li, F.C.; Ren, H.Q.; Ding, L.L.; Xu, K.The oxidative stress in the liver of Carassius auratus exposed to acesulfame and its UV irradiance products. Science of Total Environment. 2016, 571, 755-762.
Zhang, Y.Y.; Geng, J.J.*; Ma, H.J.; Ren, H.Q., Xu, K., Ding, L.L. Characterization of microbial community and antibiotic resistance genes in activated sludge under tetracycline and sulfamethoxazole selection pressure. Science of Total Environment. 2016, 571: 479-486.
Han, C.; Geng, J.J.*; Ren, H.Q.; Gao, S.X.; Xie, X.C.; Wang, X.R. Phosphite in sedimentary interstitial water of Lake Taihu, a large eutrophic shallow lake in China. Environmental Science & Technology, 2013, 47 (11): 5679–5685.
Han, C.; Geng, J.J.*; Xie, X.C.; Wang, X.R.; Ren, H.Q.; Gao, S.X. Determination of phosphite in a eutrophic freshwater lake by suppressed conductivity ion chromatography. Environmental Science & Technology, 2012, 46(19): 10667-10674.

FEWSTERN Symposium 2017 Presentation Title and Abstract: