

58 Prof. Jichun Wu

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Education

M.A. Nanjing University, Nanjing, China, 1991

Ph.D. Nanjing University, Nanjing, China, 1994

Work Experience

Associate Professor, Nanjing University, Nanjing, China, 1995

Professor, Nanjing University, Nanjing, China, 1998-present

Research Interests

Groundwater dynamics, groundwater flow and solute transport simulation, water resources and water environment, groundwater stochastic theory

Major Publications

- Luo, Y., Ye, S., Wu, J., Wang, H., & Jiao, X. (2016). Um procedimento inverso modificado para a calibração de subsidência de terrenos e sua aplicação no campo em shanghai, china. *Hydrogeology Journal*, 24(3), 711-725.
- Xu, H., Li, X., Sun, Y., Shi, X., & Wu, J. (2016). Biodegradation of pyrene by free and immobilized cells of *herbaspirillum chlorophenolicum*, strain fa1. *Water Air & Soil Pollution*, 227(4), 1-12.
- Sun, X., Wu, J., Shi, X., & Wu, J. (2016). Experimental and numerical modeling of chemical osmosis in the clay samples of the aquitard in the north china plain. *Environmental Earth Sciences*, 75(1), 1-12.
- Dong, W., Zeng, D., Singh, V. P., Xu, P., Liu, D., & Wang, Y., et al. (2016). A multidimension cloud model-based approach for water quality assessment. *Environmental Research*, 149, 113-121.
- Wang, D., Liu, D., Ding, H., Singh, V. P., Wang, Y., & Zeng, X., et al. (2016). A cloud model-based approach for water quality assessment. *Environmental Research*, 148, 24-35.
- Yi, S., Gao, B., Sun, Y., Wu, J., Shi, X., & Wu, B., et al. (2016). Removal of levofloxacin from aqueous solution using rice-husk and wood-chip biochars. *Chemosphere*, 150, 694-701.
- Lv, X., Gao, B., Sun, Y., Dong, S., Wu, J., & Jiang, B., et al. (2016). Effects of grain size and structural heterogeneity on the transport and retention of nano-tio₂ in saturated porous media. *Science of the Total Environment*, s 563-564, 987-995.
- Luo, Y., Ye, S., Wu, J., Wang, H., & Jiao, X. (2016). A modified inverse procedure for calibrating parameters in a land subsidence model and its field application in shanghai, china. *Hydrogeology Journal*, 24(3), 711-725.
- Ye, S., Luo, Y., Wu, J., Yan, X., Wang, H., & Jiao, X., et al. (2016). Three-dimensional numerical modeling of land subsidence in shanghai, china. *Hydrogeology Journal*, 24(3), 695-709.

- Sun, Y. Y., Xu, H. X., Li, J. H., Shi, X. Q., Wu, J. C., & Ji, R., et al. (2015). Phytoremediation of soils contaminated with phenanthrene and cadmium by growing willow (*salix × aureo-pendula cl 'j1011'*). *International Journal of Phytoremediation*, 18(2), 150-156.
- Zheng, F., Gao, B., Sun, Y., Shi, X., Xu, H., & Wu, J., et al. (2016). Removal of tetrachloroethylene from homogeneous and heterogeneous porous media: combined effects of surfactant solubilization and oxidant degradation. *Chemical Engineering Journal*, 283, 595-603.
- Zhou, C., Gao, B., Xu, H., Sun, Y., Shi, X., & Wu, J. (2016). Effects of surface active agents on dnapl migration and distribution in saturated porous media. *Science of the Total Environment*, 571, 1147-1154.
- Xie, Y., Wu, J., Xue, Y., & Xie, C. (2016). Efficient triple-grid multiscale finite element method for solving groundwater flow problems in heterogeneous porous media. *Transport in Porous Media*, 112(2), 361-380.
- Liu, D., Wang, D., Wang, Y., Wu, J., Singh, V. P., & Zeng, X., et al. (2015). Entropy of hydrological systems under small samples: uncertainty and variability. *Journal of Hydrology*, 532, 163-176.
- Zeng, X., Wu, J., Wang, D., Zhu, X., & Long, Y. (2016). Assessing bayesian model averaging uncertainty of groundwater modeling based on information entropy method. *Journal of Hydrology*, 538, 689-704.
- Zeng, X., Wu, J., Wang, D., & Zhu, X. (2015). Assessing the pollution risk of a groundwater source field at western laizhou bay under seawater intrusion. *Environmental Research*, 148, 586-594.
- Dong, S., Sun, Y., Wu, J., Wu, B., Creamer, A. E., & Gao, B. (2015). Graphene oxide as filter media to remove levofloxacin and lead from aqueous solution. *Chemosphere*, 150, 759-764.
- Ye, S., Xue, Y., Wu, J., Yan, X., & Yu, J. (2016). Progression and mitigation of land subsidence in china. *Hydrogeology Journal*, 24(3), 685-693.