

Biography

I was born and raised in Tangyuan County, Heilongjiang Province, P. R. China, and received my bachelor's degree in the Department of Agricultural Resources and Environment in Northeast Agricultural University (Harbin, China) in June, 2005. Three years later, I received my master's degree in the Department of Ecology from Northeast Agricultural University. After receiving my Doctor's degree, under the direction of Professor Zhang Ying, in the Department of Crop Ecology from Northeast Agricultural University in June, 2010, I worked as an assistant professor in the College of Resources and Environment in Shaanxi University of Science and Technology (Xi'an, China). Then I began my Postdoctoral Scientist position since November, 2010 in the research center of Light Industry Technology and Engineering in Shaanxi University of Science and Technology for three years with Professor Ding Shaolan. I worked as an associated professor in the College of Environmental Science and Engineering in Shaanxi University of Science and Technology since December, 2016. It is of great significance to investigate the environmental-related research, and it is excited and wonderful for me to engage in the work.

Research

My primary interest is related to biogeochemistry, mainly focus on the contaminants transformation behavior and remediation mechanism in pedosphere, especially under the existing conditions of organic matters, eogenous or endogenous. I apply traditional chemical analysis methods and various instrumental analysis methods, including SEM, TEM, Raman, UV-Vis, NMR, ICP-AES, AAS, FT-IR, XRD, XPS, etc., into related research. I hope micromechanism of contaminants transformation could be attained to help improve the site remediation technology in pedosphere.

Foundations

National Natural Science Foundation of China

Postdoctoral Science Foundation of China

Natural Science Foundation of Shaanxi Provincial Department of Education

Natural Science Foundation of Shaanxi University of Science and Technology

Previous Institutions

B.S., June, 2005, Northeast Agricultural University

Agricultural Resources and Environment (Environmental Protection)

M.S., June, 2008, Northeast Agricultural University

Ecology

Ph.D., June, 2010, Northeast Agricultural University

Crop Ecology

Postdoctoral Fellowship, November, 2010-October, 2013

Shaanxi University of Science and Technology

Awards

Distinguished teacher of Shaanxi University of Science and Technology, September, 2016.

7th Scientific Award of Natural Sciences, Second Level, Government of Xianyang City, November, 2015.

6th Scientific Award of Natural Sciences, Second Level, Government of Xianyang City, November, 2013.

5th Distinguished Master's Thesis, First Level, Education Ministration of Heilongjiang Province, September, 2008.

Distinguished Bachelor's Thesis as Supervisor, First Level, Shaanxi University of Science and Technology, June, 2015.

Distinguished Bachelor's Thesis as Supervisor, Second Level, Shaanxi University of Science and Technology, June, 2013.

Approved Patents

Fan Chunhui, number: ZL 201410008484.4.

Fan Chunhui, number: ZL 201310746631.3.

Fan Chunhui, number: ZL 201310743222.8.

Fan Chunhui, number: ZL 201410258475.0.

Fan Chunhui, number: ZL 201410221965.3.

Fan Chunhui, number: ZL 201210196956.4.

Fan Chunhui, number: ZL 200810063912.8.

Fan Chunhui, number: ZL 201110266420.0.

Fan Chunhui, number: ZL 201620087334.1.

Fan Chunhui, number: ZL 201620198366.9.

Fan Chunhui, number: ZL 201620324426.7.

Fan Chunhui, number: ZL 201620318329.7.

Fan Chunhui, number: ZL 201620348090.8.

Fan Chunhui, number: ZL 201210181359.4.

Fan Chunhui, number: ZL 201520970454.1.

Fan Chunhui, number: ZL 201520099153.6.

Fan Chunhui, number: ZL 200820089194.7.

Fan Chunhui, number: ZL 200820089414.6.

Selected Papers

Chunhui Fan, Bo Du, Yingchao Zhang, Shaolan Ding, Yalin Gao, Min Chang. Adsorption of lead on organo-mineral complexes isolated from loess in Northwestern China. *Journal of Geochemical Exploration* (10.1016/j.gexplo.2016.02.012).

Ying Zhang, Chunhui Fan, Qingjuan Meng, Zhuo Diao, Limin Dong, Xinran Peng. Biosorption of Pb(II) by *saccharomyces cerevisiae* in static and dynamic adsorption tests. *Bulletin of Environmental Contamination and Toxicology*. 2009, 83(5): 708-712.

Chunhui Fan, Yingchao Zhang, Ying Zhang. Characteristics of Cu(II) removal by low-cost novel adsorbent of rice husk. *Acta Chimica Sinica*. 2010, 68(21): 2175-2180.

Ying Zhang, Chunhui Fan, Zhuo Diao, Xinran Peng, Xin Bai. Evaluation of water quality in Er-longshan reservoir by fuzzy model. *Interdisciplinary Sciences Computational Life Sciences*. 2009, 1(1): 30-39.

Chunhui Fan, Yingchao Zhang, Jiahong Wang. Effect of temperatures and lead ions on 3D-EEMs of dissolved organic matter (DOM) derived from straw humification. *Spectroscopy and Spectral Analysis*. 2015, 35(11): 3117-3122.