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Title: **Dean of College of Land and Environment**

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Education:

PhD: **Soil science**

MS: **Soil science**

BS: **Soil and Agricultural Chemistry**

General Areas of Expertise:

Soil fertility, Mollisol, Land management, Soil carbon and nitrogen cycling

Short Bio:

2002 – present Professor, College of Land and Environment, Shenyang Agricultural University
2012 – 2013 Senior Visiting Scholar, Dept. of Biosystems Engineering and Soil Science, University of Tennessee, Knoxville, US
2004 – 2005 Researcher Fellow by the Royal Society of British, Dept. of Biology and Environment, Lancaster University, UK
1996 – 2002 Associate Professor, College of Land and Environment, Shenyang Agricultural University
1998 – 1999 Postdoctoral Researcher, University of Bayreuth, Germany
1988 – 1996 Research Associate, Dept. of Soil and Agricultural Chemistry, Shenyang Agricultural University

Five Representative Publications:

1. Ding Xuefei, Bin Zhang, Xinxin Lü, Jingkuan Wang, William R Horwath. 2017. Parent material and conifer biome influence microbial residue accumulation in forest soils. *Soil Biology and Biochemistry*, 107: 1-9
2. Jin Xinxin, Tingting An, Aaron R. Gall, Shuangyi Li, Liangjie Sun, Jiubo Pei, Xiaodan Gao, Xuan He, Shifeng Fu, Xuefei Ding, Jingkuan Wang. 2017. Long-term plastic film mulching and fertilization treatments changed the annual distribution of residual maize straw C in soil aggregates under field conditions: characterization by 13C tracing. *Journal of Soils and Sediments*, <https://doi.org/10.1007/s11368-017-1754-9>
3. Li Hongdan, Wenjiao Shi, Bing Wang, Tingting An, Shuang Li, Shuangyi Li, Jingkuan Wang. 2017. Comparison of the modeled potential yield versus the actual yield of maize in Northeast China and the implications for national food security. *Food Security*, 9: 99-114
4. An, T, SM Schaeffer, S Li, S Fu, J Pei, H Li, J Zhuang, M Radosevich, and J Wang. 2015. Carbon fluxes from plants to soil and dynamics of microbial immobilization under plastic film mulching and fertilizer application using 13C pulse-labeling. *Soil Biology and Biochemistry*, 80:53-60
5. An, T, SM Schaeffer, J Zhuang, M Radosevich, S Li, H Li, J Pei, J Wang (2015). Dynamics and distribution of 13C-labeled straw carbon by microorganisms as affected by soil fertility levels in the Black Soil region of Northeast China. *Biology and Fertility of Soils*, 51:605-613

FEWESTERN Symposium 2017 Presentation Title and Abstract:

Crop Residues Resource in China:Utilization, Potential and Challenges