

## 个人信息

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- 姓名: 刘志鹏      性别: 男
- 国籍: 中 国      出生日期: 1987 年 3 月
- 籍贯: 安徽省 六安市      学历: 土壤学 博士
- 工作单位: 南京农业大学资源与环境科学学院 土壤与生态系      地址: 南京市玄武区卫岗 1 号
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- 科研方向和兴趣: 土壤水分循环及溶质运移; 土壤结构变化对土壤水、热过程影响及模拟; 土壤性质时空异质性及其对土壤生态水文过程影响; 土壤斥水性及其对土壤水分运动过程影响等。



## 教育和工作经历

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- 2016 年 1 月 至 2017 年 1 月:

以色列希伯来大学土壤与水科学系 访问学者

合作导师: Prof. Rony Wallach

- 2013 年 7 月 至今: 南京农业大学 资源与环境科学学院 土壤与生态系

- 2010 年 10 月~ 2011 年 11 月: 中欧联合博士计划

德国马普学会生物地球化学研究所 土壤碳氮循环课题组

合作导师: Prof. Markus Heister

- 2007 年 9 月 ~ 2013 年 7 月: 硕博连读

中国科学院水土保持与生态环境研究中心

专业: 土壤学

博士生导师: 邵明安 研究员

- 2003 年 9 月~ 2007 年 7 月: 湖南师范大学 资源与环境科学学院

专业: 地理科学

## 发表论文情况

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- **Liu, Z.P.**, Wang, Y.Q., Shao, M.A., Jia, X.X., Li, X.L. 2016. Spatiotemporal analysis of multiscalar drought characteristics across the Loess Plateau of China. *Journal of Hydrology*, 281-299.
- She, D.L., Fei, Y.H., **Liu, Z.P.**, Liu, D.D., Shao, G.C. 2014. Soil erosion characteristics of ditch banks during reclamation of a saline/sodic soil in a coastal region of China: Field investigation and rainfall simulation. *Catena*, 121, 176-185.
- **Liu, Z.P.**, Shao, M.A., Wang, Y.Q., 2013. Large-scale spatial interpolation of soil pH across the Loess Plateau region of China. *Environmental Earth Science* 69, 2731-2741.
- **Liu, Z.P.**, Shao, M.A., Wang, Y.Q., 2013. Regional spatial patterns of soil total nitrogen and soil total phosphorus across the Loess Plateau region, China. *Geoderma* 197-198, 67-78.
- **Liu, Z.P.**, Shao, M.A., Wang, Y.Q., 2013. Scale-dependent correlations between soil properties and environmental factors across the Loess Plateau of China. *Soil Research* 51, 112-123.
- Wang, Y.Q., Shao, M.A., **Liu, Z.P.**, 2013. Vertical distribution and influencing factors of soil water content within 21-m profile on the Chinese Loess Plateau. *Geoderma* 193-194, 300-310.
- Wang, Y.Q., Shao, M.A., **Liu, Z.P.**, Horton, R. 2013. Regional-scale variation and distribution patterns of soil saturated hydraulic conductivities in surface and subsurface layers in the loessial soils of China. *Journal of Hydrology* 487, 13-23.
- Wang, Y.Q., Shao, M.A., **Liu, Z.P.**, Zhang.C.C. 2013. Prediction of bulk density of soils in the Loess Plateau region of China. *Surveys in Geophysics*, 35(2), 395-413.
- **Liu, Z.P.**, Shao, M.A., Wang, Y.Q., 2012. Large-scale spatial variability and distribution of soil organic carbon across the entire Loess Plateau, China. *Soil Research* 50, 114-124.
- **Liu, Z.P.**, Shao, M.A., Wang, Y.Q., 2012. Estimating soil organic carbon across a large-scale region: a state-space modeling approach. *Soil Science* 177, 607-618.
- Wang, Y.Q., Shao, M.A., **Liu, Z.P.**, 2012. Pedotransfer functions for predicting soil hydraulic properties of the Chinese Loess Plateau. *Soil Science* 177(7), 424-432.
- Wang, Y.Q., Shao, M.A., **Liu, Z.P.**, Warrington D.N., 2012. Regional spatial pattern of deep soil water content and its influencing factors. *Hydrological Science Journal* 57(2), 265-281.
- **Liu, Z.P.**, Shao, M.A., Wang, Y.Q., 2011. Effect of environmental factors on regional soil organic carbon stocks across the Loess Plateau region, China. *Agriculture, Ecosystems and Environment* 142, 184-194.

- Wang, Y.Q., Shao, M.A., *Liu, Z.P.*, Warrington D.N., 2011. Investigation of factors controlling the regional-scale distribution of dried soil layers under forestland on the Loess Plateau, China. *Surveys in Geophysics* 31, 311-330.
- Wang, Y.Q., Shao, M.A., Zhu, Y.J., *Liu, Z.P.*, 2011. Impacts of land use and plant characteristics on dried soil layers in different climatic regions on the Loess Plateau of China. *Agriculture and Forest Meteorology* 151, 437-448.
- Wang, Y.Q., Shao, M.A., *Liu, Z.P.*, 2010. Large-scale spatial variability of dried soil layers and related factors across the entire Loess Plateau of China. *Geoderma* 159, 99-108.

### 杂志审稿人

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- Geophysical Research Letters
- European Journal of Soil Biology
- Soil Research
- Catena
- Soil Science
- Soil Tillage Research
- Hydrological Science Journal
- Land Management and Degradation
- Clean-Soil, Air, Water
- Canadian Journal of Soil Science

### 主持和参加科研项目

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1. 国家自然科学基金-青年基金项目, No. 41401241, 2015/01-2017/12, 26 万, 主持;
2. 江苏省自然科学基金-青年基金项目, No. BK2014041738, 2015/01-2017/05, 18 万, 主持.