

Name: Zhaofu Li

Professor of: Agricultural Resources and Environmental Sciences

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Education:

- **Ph. D.**, Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences(CAS), Physical Geography, 2006
- **M.S.**, Northeast Institute of Geography and Agro-ecology, Chinese Academy of Sciences(CAS), Physical Geography, 2002
- **B.A.**, LuDong University (Yantai Normal University), Geography Education, 1999
- Visiting Scholar, Department of Geography, University of Cincinnati, 2011.3-2012.3
- Guest Researcher, Department of Geosciences and Natural Resource Management, University of Copenhagen, 2018.10-2019.10

Research interests and expertise:

- Land use and land cover change and its effects
- Landscape ecology
- Agricultural remote sensing
- Soil informatics and soil sustainability

Current projects:

- “Effect of wetland landscape pattern diversity on water environment process and function for drinking water source watershed in the Taihu Lake region”, National Natural Science Foundation of China (NSFC:41571171), ¥ 834 400, 2016-2019. (PI)
- “Inversion on key parameters of land surface based on multi-source remote sensing data under the background of global climate change”, the Fundamental Research Funds for the Central Universities (KYZ201522), ¥ 100 000, 2015-2017. (PI)
- “Simulation of nitrogen and phosphorus transport and nutrient management and control in typical drinking water sources watershed”, NSFC(41171071), ¥ 650 000, 2012-2015. (PI)

Current teaching:

- Fundamentals of Remote Sensing, Spring term
- Practical Geospatial Technology, Spring term
- Exploration of Remote Sensing Imagery, Autumn term
- Landscape Ecology, Autumn term

Selected publications:

- **Zhaofu Li***†, Chuan Luo†, Kaixia Jiang, Rongrong Wan and Hengpeng Li. Comprehensive Performance Evaluation for Hydrological and Nutrients Simulation Using the Hydrological Simulation Program–Fortran in a Mesoscale Monsoon Watershed, China. *International Journal of Environmental Research and Public Health*, 2017,14(12):1599-1617.
- Chuan Luo, **Zhaofu Li***, MinWu, Kaixia Jiang, Xiaomin Chen1, Hengpeng Li. Comprehensive study on parameter sensitivity for flow and nutrient modeling in the Hydrological Simulation Program Fortran model. *Environmental Science and Pollution Research*, 2017, 24:20982-20994.
- **Zhaofu Li***#, Chuan Luo, Qing Xi, Hengpeng Li, Jianjun Pan, Quansuo Zhou, Zhengqin Xiong. Assessment of the AnnAGNPS model in simulating runoff and nutrients in a typical small watershed in the Taihu Lake basin, China. *CATENA*, 2015, (133):349-361.
- **Zhaofu LI***, Hongyu LIU, Chuan LUO, Yan LI, Hengpeng LI, Jianjun PAN, Xiaosan Jiang, Quansuo ZHOU, Zhengqin XIONG. Simulation of runoff and nutrient export from a typical small watershed in China using the Hydrological Simulation Program–Fortran. *Environmental Science and Pollution Research*. 2015,22:7954-7966.
- **Zhaofu LI***, Hongyu LIU, Chuan LUO, Panpan Li, Hengpeng LI, Zhengqin Xiong. Industrial Wastewater Discharge Retrieval Based on Stable Nighttime Light Imagery in China from 1992 to 2010. *Remote Sensing* 2014, 6, 7566-7579.

Prizes, awards, honors:

- 2015 Youth Science and Technology Award of China Society of Natural Resources(CSNR), CSNR. 2015.10
- 2014 Youth innovation award of remote sensing and Geo-informatics in Jiangsu Province. Jiangsu Association for the Sciences of Remote sensing and Geographic information system. 2014.12.
- 2009 Excellent Teacher of Nanjing Agricultural University in 2009
- 2005 Best Paper Award for Youth Geographical Scientist, at the Annual Meeting of the China Society of Natural Resources (CSNR)