CURRICULUM VITAE

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PERSONAL INFORMATION:

Name:

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Languages:

Chinese, English

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RESEARCH INTERESTS:

Watershed modeling and scenario analysis of Best Management Practices

EDUCATION:

2014-2019	**Ph.D.** (GIS), University of Chinese Academy Sciences, Beijing, P.R.C. **Thesis:** Method of optimizing spatial configuration of beneficial watershed management practices in a unit-boundary adaptive manner **Supervisor:** Professor A-Xing Zhu, and Professor Cheng-Zhi Qin
2011-2014	**M.Sc.** (Physical Geography), Beijing Normal University, Beijing, P.R.C. **Thesis:** A laser scanner for surface roughness and rill morphology measurement based on linear structured light **Supervisor:** Professor Guang-Hui Zhang
2007-2011	**B.Sc.** (GIS), Northwest A&F University, Yangling, Shannxi, P.R.C.

AWARDS, HONORS, AND SCHOLARSHIPS:

2012-2013	National scholarship for graduate students, Beijing Normal University.
2007-2008	National scholarship for undergraduate students, Northwest A&F University.

PUBLICATIONS AND RESEARCH PAPERS:

Journal Articles of first author or corresponding author:

[1] Cheng-Zhi Qin, Hui-Ran Gao, ***Liang-Jun Zhu****, A-Xing Zhu, Jun-Zhi Liu, and Hui Wu. **2018**. Spatial optimization of watershed best management practices based on slope position units. *Journal of Soil and Water Conservation*, 73(5):504-517.

doi:10.2489/jswc.73.5.504

[2] ***Liang-Jun Zhu***, A-Xing Zhu, Cheng-Zhi Qin*, and Jun-Zhi Liu. **2018**. Automatic approach for deriving fuzzy slope positions. *Geomorphology*, 304:173-183. doi:10.1016/j.geomorph.2017.12.024

[3] Lin Wang, ***Liang-Jun Zhu****, A-Xing Zhu, Jun-Zhi Liu, and Lin Shen. **2016**. Effect of spatial unit delineation on simulating non-point source pollution by SWAT model. *Journal of Shenyang Agricultural University* (*in Chinese with English abstract*), 47(4):460-466. [王琳, ***朱良君****, 朱阿兴, 刘军志, 沈琳. **2016**. SWAT 模型非点源污染模拟对空间单元划分的响应. *沈阳农业大学学报*, 47(4):460-466.] doi:10.3969/j.issn.1000-1700.2016.04.012

[4] ***Liang-Jun Zhu***, Guang-Hui Zhang*, Zhen-Wei Li, and Ren Geng. **2015**. A laser scanner system for rill morphology measurement based on linear structured light. *Mountain Research* (*in Chinese with English abstract*), 33(6):770-776. [***朱良君***, 张光辉*, 李振炜, 耿韧. **2015**. 一种基于线结构光技术的细沟形态测量系统. *山地学报*, 33(6):770-776.] doi:10.16089/j.cnki.1008-2786.000093

[5] ***Liang-Jun Zhu*** and Guang-Hui Zhang*. **2013**. Review of measurement and quantification of surface microtopography. *Science of Soil and Water Conservation* (*in Chinese with English abstract*), 11(5):114-122. [***朱良君***, 张光辉*. **2013**. 地表微地形测量及定量化方法研究综述. *中国水土保持科学*, 11(5):114-122.] doi:10.16843/j.sswc.2013.05.018

[6] ***Liang-Jun Zhu***, Guang-Hui Zhang*, Guo-Fang Hu, and Bing Wang. **2013**. Study on evaluating ultrasonic measurement system of overland flow depth. *Journal of Soil and Water Conservation* (*in Chinese with English abstract*), 27(1):235-239. [***朱良君***, 张光辉*, 胡国芳, 王兵. **2013**. 坡面流超声波水深测量系统研究. *水土保持学报*, 27(1):235-239.] doi:10.13870/j.cnki.stbcxb.2013.01.044

[7] ***Liang-Jun Zhu***, Guang-Hui Zhang*, and Zong-Ping Ren. **2012**. Comparing four methods for soil infiltration measurement. *Bulletin of Soil and Water Conservation* (*in Chinese with English abstract*), 32(6):163-167. [***朱良君***, 张光辉*, 任宗萍. **2012**. 4 种土壤入渗测定方法的比较. *水土保持通报*, 32(6):163-167.] doi:10.13961/j.cnki.stbctb.2012.06.050

Journal Articles of co-author:

RESEARCH ACTIVITIES

Participating in research projects:

[1] "Slope position as spatial unit for optimizing scenarios of Beneficial Watershed Management Practices (BMPs) in a unit-boundary adaptive manner", National Natural Science Foundation of China (No. 41871362), 2019-2022, PI: Cheng-Zhi Qin

[2] "Scenario analysis of organic waste management in Dianbuhe watershed", National Key Technology Innovation Project for Water Pollution Control and Remediation (No. 2013ZX07103006-005), 2013-2016, PI: A-Xing Zhu

[3] "Development of parallel algorithm for spatial statistics and geographical process simulation", National High-Tech Research and Development Program of China (No. 2011AA120305), 2011-2013, PI: A-Xing Zhu

[4] "Hundred Talents Program" of the Chinese Academy of Sciences, 2012-2014, PI: Guang-Hui Zhang

[5] "Research on experimental techniques of soil erosion", Independent research project of State Key Laboratory of Earth Surface Processes and Resource Ecology (No. 2012-ZY-02), 2012-2013, PI: Guang-Hui Zhang

Conference Oral Presentations:

[1] ***朱良君***, 朱阿兴, 秦承志, 刘军志. **2017**. 基于领域知识和数据挖掘的模糊坡位提取自动化方法. 2017 年全国自然地理学大会, 11.20-22, 南京大学, 南京, 中国.

[2] ***Liang-Jun Zhu***, A-Xing Zhu, Cheng-Zhi Qin, Jun-Zhi Liu. **2017**. An automatic approach of prototype-based fuzzy slope positions. *AAG Annual Meeting*, Apr. 5-9, Boston, USA.

[3] ***Liang-Jun Zhu***, A-Xing Zhu, Cheng-Zhi Qin, Jun-Zhi Liu. **2016**. Automatic approach for deriving fuzzy slope positions. *33rd International Geographical Congress (IGC)*, Aug. 21-25, Beijing, China.

[4] ***朱良君***, 张光辉. **2013**. 基于线结构光技术的细沟形态测量. *中国土壤学会土壤侵蚀与水土保持专业委员会学术年会*, 9.23-24, 华中农业大学, 武汉, 中国.