

2025 年度贵州省科学技术奖提名公示内容

（自然科学奖）

一、项目名称

坡耕地微地形的水土保持作用规律及调控机制。

二、提名者

贵州省教育厅。

三、代表性论文（专著）目录

- [1] Zhao Longshan (赵龙山), Hou Rui (侯瑞), Wu Faqi (吴发启). Effect of DEM grid size on microrelief indexes estimation for sloping lands after reservoir tillage. *Soil & Tillage Research*, 2020, 196: 104451.
- [2] Zhao Longshan (赵龙山), Fang Qian (方乾), Hou Rui (侯瑞), Wu Faqi (吴发启). Effect of rainfall intensity and duration on soil erosion on slopes with different microrelief patterns. *Geoderma*, 2021, 396:115085.
- [3] Luo Jian (罗键), Wang Nana (王娜娜), Zheng Zicheng (郑子成), Li Tingxuan (李廷轩), He Shuqin (何淑勤), Paolo Tarolli. Tillage-induced microtopography alters time-dependent intrinsic correlation of runoff and sediment yield. *Soil and Tillage Research*, 2022, 221:105423.
- [4] Luo Jian (罗键), Zheng Zicheng (郑子成), Li Tingxuan (李廷轩), He Shuqin (何淑勤). Spatial heterogeneity of microtopography and its influence on the flow convergence of slopes under different rainfall patterns. *Journal of Hydrology*, 2017, 545:88-99.
- [5] Wang Jian (王健), Dexter B. Watts, Meng Qinqian (孟秦倩), Zhang Qingfeng (张青峰), Thomas R. Way. Influence of surface crusting on infiltration of a Loess Plateau soil. *Soil Science Society of America Journal*, 2016, 80:683-692

四、主要完成人

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