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AND REGIONAL PLANNING , CAAS

## Liu Weixing



Professor



Ph.D. Supervisor



86-10-82105026



liuweixing@caas.cn



Innovation Team of Grassland Ecological Remote Sensing, IARRP, CAAS



Quhua Building, 12 Zhongguancun Nandajie Street, Haidian District, Beijing, China

### Research Interests

- Global change
- Plant-soil feedback
- Soil microbial ecology
- C and N cycling

### Publication

**Land-use change reduces soil nitrogen retention of both particulate and mineral-associated organic matter in a temperate grassland**, Catena, 2022, DOI: 10.1016/j.106432.

**Long-term nitrogen input alters plant and soil bacterial, but not fungal beta diversity in a semiarid grassland**, Global Change Biology, 2021, DOI:10.1111/gcb.15681.

**Plant carbon inputs through shoot, root, and mycorrhizal pathways affect soil organic carbon turnover differently**, Soil Biology and Biochemistry, 2021, DOI:10.1016/j.soilbio.2021.108322

**Critical transition of soil bacterial diversity and composition triggered by nitrogen enrichment**, Ecology, 2020, DOI:10.1002/ecy.3053



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**Nonlinear responses of the  $V_{max}$  and  $K_m$  of hydrolytic and polyphenol oxidative enzymes to nitrogen enrichment**, Soil Biology and Biochemistry, 2020, DOI:10.1016/j.soilbio.2019.107656

**The effects of increased snow depth on plant and microbial biomass and community composition along a precipitation gradient in temperate steppes**, Soil Biology and Biochemistry, 2018, DOI:10.1016/j.soilbio.2018.06.004

