

## PERSONAL INFORMATION

Name: Zhenfeng Xu

Gender: Male

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## EDUCATION

09/2001-06/2005 B.S. in Forestry, Sichuan Agricultural University, China

09/2005-06/2008 MS. in Forestry, Sichuan Agricultural University, China

09/2008-06/2011 Ph.D in Botany, Chinese Academy of Sciences, China

## GRANTS

- ✓ Effects of snow-patch on soil nitrogen transformation of alpine forest (31200474), NSFC, 2013-2015, PI
- ✓ Responses of winter soil respiration to experimental snow removal in an Tibetan alpine forest (31570601), NSFC, 2016-2019, PI

## RESEARCH INTEREST:

Forest ecology and global change

## PUBLICATIONS:

More than 100 papers published in peer-reviewed journals. Some selected publications in peer reviewed journals.

- ✓ **Xu Z**, Tang S, Xiong L, Yang W, Yin H, Tu L, Wu F, Chen L, Tan B. Temperature sensitivity of soil respiration in China's forest ecosystems: Patterns and controls. *Appl. Soil Ecol.*, 2015, 93:105-110.
- ✓ **Xu Z**, Zhao C, Yin H, Liu Q. Warming and forest management interactively affect the decomposition of subalpine forests on the eastern Tibetan Plateau: A four-year experiment. *Geoderma*, 2015, 239-240: 223-228.
- ✓ **Xu Z**, Pu X, Yin H, Zhao C, Liu Q, Wu F. Warming effects on the early decomposition of three litter types, Eastern Tibetan Plateau, China. *Eur. J. Soil Sci.*, 2012, 63: 360-367.
- ✓ **Xu Z**, Wan C, Xiong P, Tang Z, Hu R, Cao G, Liu Q. Initial responses of soil CO<sub>2</sub> efflux and C, N pools to experimental warming in two contrasting forest ecosystems, Eastern Tibetan Plateau, China. *Plant Soil*, 2010, 336: 183-195.
- ✓ **Xu Z**, Hu R, Xiong P, Wan C, Cao G, Liu Q. Initial soil responses to experimental warming in two contrasting forest ecosystems, Eastern Tibetan Plateau, China: Nutrient availabilities, microbial properties and enzyme activities. *Appl. Soil Ecol.*, 2010, 46: 291-299.
- ✓ **Xu Z**, Yin H, Xiong P, Wan C, Liu Q. Short-term responses of *Picea asperata* seedlings of different ages grown in two contrasting forest ecosystems to experimental warming. *Environ. Exp. Bot.*, 2012, 77: 1-11.

- ✓ **Xu Z**, Tu L, Hu T, Schädler M. Implications of greater than average increases in nitrogen deposition on the western edge of the Szechwan Basin, China. *Environ. Pollution*, 2013, 177: 201-202.
- ✓ **Xu Z**, Hu T, Zhang Y. Effects of experimental warming on phenology, growth and gas exchange of treeline birch (*Betula utilis*) saplings, Eastern Tibetan Plateau, China. *Eur. J. For. Res.*, 2012, 131: 811-819.
- ✓ **Xu Z**, Chen L, Tang S, Zhuang L, Yang W, Tu L, Tan B, Zhang L. Sex-specific responses to Pb stress in *Populus deltoides*: root architecture and Pb translocation. *Trees*, 2016, 30: 2019-2027.