

# Hao Wang

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## *Education*

- 2014-                    Doctoral student  
                          Department of Ecology, Peking University, China  
                          Supervisor: Dr. Jin-Sheng He
- 2011-2014            Master student in Ecology  
                          Northwest Institute of Plateau Biology, Chinese Academy of Sciences, China  
                          Supervisor: Dr. Jin-Sheng He
- 2007-2011            Bachelor's degree in Ecology  
                          Department of Ecology, Anhui Agricultural University, China

## *Work Experiences*

- 2011.7-                Observed greenhouse gas emissions in alpine ecosystems, including fen, wet meadow and alpine meadow, on the Tibetan Plateau
- 2014.7-2016.7        Collected social survey data on herder household's management in Haibei Prefecture

## *Research Interests*

Magnitude, pattern and controls of greenhouse gas fluxes in alpine ecosystems on the Tibetan Plateau

Effects of water table lowering and nitrogen deposition on greenhouse gas fluxes in an alpine wetland

## *Published papers*

**Hao Wang**, Lingfei Yu, Zhenhua Zhang, Wei Liu, Litong Chen, Guangmin Cao, Haowei Yue, Jizhong Zhou, Yunfeng Yang, Yanhong Tang, Jin-Sheng He\*. Molecular mechanisms of water table lowering and nitrogen deposition in affecting greenhouse gas emissions from a Tibetan alpine wetland. *Global Change Biology* (2017), 23: 815-829..

Weimin Song, **Hao Wang**, Guangshuai Wang, Litong Chen, Zhenong Jin, Qianlai Zhuang, Jin-Sheng He\*. Methane emissions from an alpine wetland on the Tibetan Plateau: Neglected but vital contribution of non-growing season. *JGR-Biogeosciences* (2015), 120: 1475–1490.

Lingfei Yu, **Hao Wang**, Guangshuai Wang, Weimin Song, Yao Huang, Sheng-Gong Li, Naishen Liang, Yanhong Tang, Jin-Sheng He\*. A comparison of methane emission measurements using

eddy covariance and manual and automated chamber-based techniques in Tibetan Plateau alpine wetland. *Environmental Pollution* (2013), 181: 81-90.