

Liyuan He

Ph.D. student

Joint Doctoral Program of Ecology

San Diego State University & University of California, Davis

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EDUCATION

2017.8-current	PhD Student	San Diego State University (SDSU) & University of California at Davis (UCD)
2014.9-2017.6	Master of Science in Ecology	Institute of Geographic Sciences and Natural Resources Research (IGSNRR), CAS
2010.9-2014.7	Bachelor of Agronomy in Forestry	Northeast Forestry University (NEFU)

PROFESSIONAL EXPERIENCE

2019.6-2019.8	Research assistant, SDSU
2018.6-2018.8	Research assistant, SDSU
2014.9-2017.6	Research assistant, IGSNRR, CAS

PUBLICATION

1. Gao, L., Tao, B., Miao, Y., Zhang, L., Song, X., Ren, W., **He, L.**, Xu, X. (2019). A global data set for economic losses of extreme hydrological events during 1960-2014. Water Resources Research, 55. <https://doi.org/10.1029/2019WR025135>
2. **He, Liyuan**, Hu, Zhongmin, Guo, Qun, Li, Shenggong, Bai, Wenming, Li, Linghao, Influence of nitrogen and phosphorus addition on the aboveground biomass in Inner Mongolia temperate steppe, China [J]. Chinese Journal of Applied Ecology, 2015, (08):2291-2297. (In Chinese)

HONORS & AWARDS

2019.8	Travel funding to attend CESM (Community Earth System Model) Tutorial Workshop, National Center for Atmospheric Research
2016.12	Second Class Scholarship for Outstanding Students, University of Chinese Academy of Sciences (UCAS)
2015.12	Second Class Scholarship for Outstanding Students, UCAS
2014.12	First Class Scholarship for Outstanding Students, UCAS
2014.7	Outstanding Graduate Awards, NEFU
2013.12	Certification of Student Research Training Program, NEFU
2013.7	First Class Scholarship for Outstanding Students, NEFU
2013.7	First Class Scholarship for Outstanding Students, NEFU

- 2013.6 Outstanding Students in Summer Program, Sun Yat-sen University
2012.12 Outstanding Students in Summer Program, Institute of Atmospheric Physics, CAS
2012.12 National Scholarship, Ministry of Education of China
2012.7 First Class Scholarship for Outstanding Students, NEFU
2011.12 First Class Scholarship for Outstanding Students, NEFU
2011.12 National Scholarship for Encouragement, Ministry of Education of China
2011.7 Second Class Scholarship for Outstanding Students, NEFU
2010.12 First Class Scholarship for Outstanding Students, NEFU
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PRESENTATION

1. **He Liyuan.** Difference in relationship between vegetation, soil C:N ratio and productivity at site and regional scales. 14th Ecology Conference of China. September 23-25, 2015. Chengdu, China.

PARTICIPATED PROJECTS

1. The relationship of terrestrial ecosystem carbon, nitrogen, and water flux and the environmental mechanisms in China (PI: Dr. Zhongmin Hu, IGSNRR, CAS)
2. Response of grassland ecosystem water use efficiency to altered precipitation regime (PI: Dr. Zhongmin Hu, IGSNRR, CAS)
3. Allopathy and its mechanisms of extract solution of *Pinus koraiensis* on *Betula platyphylla* (PI: Dr. Lixin Chen, NEFU)

OUTREACH & VOLUNTEER ACTIVITIES

1. Volunteer, Skype a Scientist, Video Demonstration Online (<https://www.skypeascientist.com>)
 2. Volunteer, Graduate Group of Ecology Exhibition on Picnic Day, April 13, 2019, UCD
 3. Volunteer, Demonstration of How to Make Cheese at Smythe Academy Science night, October 15, 2018, Sacramento primary school
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