

# Jinlei Zhu

Curriculum Vitæ — May, 2019

Institute of Landscape and Plant Ecology, University of Hohenheim

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## Personal Details

Date and Place of Birth	21 September 1987 in Henan, China
Nationality	Chinese
Home Address	Scharnhäuser Str. 46, 70794 Filderstadt, Germany
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## Education

2015	Dr.Sci., University of Chinese Academy of Sciences, China Supervisor: Prof. Dr. Zhimin Liu Thesis: Wind tunnel simulations of seed dispersal by wind in <i>Zygophyllum xanthoxylon</i> and <i>Calligonum</i> species
2010–2015	Doctoral student / Research associate, State Key Laboratory of Forest and Soil Ecology, Institute of Applied Ecology, Chinese Academy of Sciences, China
2010	Dipl.Envir.Eng., China University of Mining and Technology, Beijing, China Major: Environmental Engineering; Grade: <i>top 10%</i>
2006–2010	Undergraduate study in environmental engineering, College of Chemistry and Environmental Engineering, China University of Mining and Technology, Beijing, China
2002–2006	High school student, Luoyang No. 1 High School, Henan, China Grade: <i>top 3%</i>

## Professional Experience

Since 2016	Postdoctoral researcher / Research associate, Institute of Landscape and Plant Ecology, University of Hohenheim, Germany
2015	One-month summer school, French Associates Institute for Agriculture and Biotechnology of Drylands, Ben-Gurion University of Negev, Israel Topic: Soil-Plant-Atmosphere continuum in relation to environmental stress

## Scholarships and Awards

- 2015 Sino-German (CSC-DAAD) Postdoc Scholarship
- 2013 National Scholarship and Award, Ministry of Education of the People's Republic of China
- 2013 Outstanding Student Talk Award, Seed Ecology IV Committee

## Peer-reviewed Publications

5. **Zhu, J.**, Liu, M., Xin, Z., Liu, Z. & Schurr, F.M. (2019) A trade-off between primary and secondary seed dispersal by wind. *Plant Ecology* **220**, 541–552.  
DOI: [10.1007/s11258-019-00934-z](https://doi.org/10.1007/s11258-019-00934-z)
4. **Zhu, J.**, Liu, M., Xin, Z., Zhao, Y. & Liu, Z. (2016) Which factors have stronger explanatory power for primary wind dispersal distance of winged diaspores: the case of *Zygophyllum xanthoxylon* (Zygophyllaceae)? *Journal of Plant Ecology* **9**, 346–356.  
DOI: [10.1093/jpe/rtv051](https://doi.org/10.1093/jpe/rtv051)
3. Liu, M., **Zhu, J.**, Xin, Z., Zhao, Y., Liu, B., Ma, Y., Li, Z. & Liu, Z. (2015) A portable wind tunnel for studying seed dispersal by wind: test and evaluation. *Chinese Journal of Ecology* **34**, 1770–1778. [in Chinese with English abstract]  
DOI: [10.13292/j.1000-4890.2015.0166](https://doi.org/10.13292/j.1000-4890.2015.0166)
2. Liu, Z., **Zhu, J.** & Deng, X. (2012) Arrival vs. retention of seeds in bare patches in the semi-arid desertified grassland of Inner Mongolia, northeastern China. *Ecological Engineering* **49**, 153–159.  
DOI: [10.1016/j.ecoleng.2012.08.030](https://doi.org/10.1016/j.ecoleng.2012.08.030)
1. **Zhu, J.** & Liu, Z. (2012) Major terminologies and concepts in seed dispersal biology. *Chinese Journal of Ecology* **31**, 2397–2403. [in Chinese with English abstract]  
DOI: [10.13292/j.1000-4890.2012.0353](https://doi.org/10.13292/j.1000-4890.2012.0353)

## Books

1. Liu, Z., Liu, B., **Zhu, J.** & Yan, Q. (2013) *Seed Ecology IV Conference Proceedings*. China Meteorological Press.

## Patents

2. Zhou, Q., Liu, M., Xin, Z., **Zhu, J.** & Liu, Z. (2016) A device to quickly fasten multiple objects with flush faces. China Patent ZL 2016 2 0502166.8. Issued October 19, 2016.
1. Liu, M., Liu, Z., **Zhu, J.** & Xin, Z. (2014) A type of portable environmental wind tunnel that can be used on uneven ground in the field. China Patent ZL 2013 2 0895288.4. Issued August 13, 2014.

## Conference Talks

- 2017 **Zhu, J.** & Schurr, F.M. Title: “Effects of seed morphology and orientation on secondary seed dispersal by wind”, POPBIO 2017, Halle / Saale, Germany.
- 2016 **Zhu, J.**, Schurr, F.M., Liu, M., Xin, Z. & Liu, Z. Title: “A trade-off between primary and secondary seed dispersal by wind”, GfÖ 46th Annual Meeting, Marburg, Germany.
- 2013 **Zhu, J.**, Liu, Z. & Deng, X. Title: “Effects of seed dispersal and microhabitat on seed availability of bare patches of the desertified grassland in northeastern Inner Mongolia, China”, Seed Ecology IV, Shenyang, China. [awarded “Outstanding Student Talk”]

## Projects

- 2016–2017 Effects of seed morphology on seed dispersal by wind: models, mechanisms and estimation (Sino-German (CSC-DAAD) Postdoc Scholarship Program)

## Teaching

- Since 2016 Co-teaching in the module “Conservation Biology” of the MSc Landscape Ecology at Institute of Landscape and Plant Ecology, University of Hohenheim

## Professional Service

- Since 2016 Peer-reviewer of scientific journals:
- *Journal of Applied Ecology* (1)