

Jinlei Zhu

Curriculum Vitæ — September, 2019

Institute of Landscape and Plant Ecology, University of Hohenheim

Website: <https://jinleizhu.com> — ORCID: 0000-0001-6164-0472

Personal Details

Date and Place of Birth	21 September 1987 in Henan, China
Nationality	Chinese
Home Address	Scharnhäuser Str. 46, 70794 Filderstadt, Germany
Work Address	Institute of Landscape and Plant Ecology, University of Hohenheim August-von-Hartmann-Str. 3, 70599 Stuttgart, Germany
Phone	+49 (0)711 459 24086
E-mail	jinlei.zhu@uni-hohenheim.de

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 Supervisor: Prof. Dr. Frank M. Schurr
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 Involved in 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)
 - *Seed Science Research* (1)
 - *Functional Ecology* (1)
 - *The Science of Nature* (1)