

# Chen Zhao

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## RESEARCH INTERESTS

**Interests:** Soil moisture; Land-atmosphere interaction; Soil hydrology.

## EDUCATION

**8/2016—Present**      **Ph.D., Ohio State University**  
                                 **Advisor: Dr. Steven Quiring**

- Major in Geography

**9/2015—8/2016**      **Ph.D., Texas A&M University**  
                                 **Advisor: Dr. Steven Quiring**

- Major in Geography, member of Climate science lab

**9/2012–6/2015**      **Master., Lanzhou University**  
                                 **Advisor: Professor Chansheng He**

- Major in Geography, Research school of Arid Environment & Climate change.
- Research focus: temporal and spatial heterogeneity of soil moisture

**6/2012 –09/2008**      **B.S., Lanzhou University**

- Major in Geographic Science, School of Source and Environment
- Thesis topic: water resources management of Lanzhou city

## PROFESSIONAL EXPERIENCE

### GRADUATE STUDENT APPOINTMENTS

**8/2016—present** Ohio State University, Columbus; Department of Geography, Graduate  
Research Assistant

**9/2015 –8/2016** Texas A&M University, College Station; Department of Geography,  
Graduate Research Assistant

## PUBLICATIONS

**Chen Zhao**, Lanhui Zhang, Jinlin Li, et al. Analysis of the relationships between the spatial variation of soil moisture and the environmental factors in the Upper Reach of the Heihe River Watershed. *Journal of Lanzhou University (Natural Sciences)*, 2014, (3): 338-347.

Jinlin Li, **Chen Zhao**, Lanhui Zhang, Chansheng He, Zhongfu Wang. Comparing three geostatistical methods used in the upstream of the Heihe River Watershed. *Journal of Lanzhou University (Natural Sciences)*, 2014, (3): 318-323.

Jin Xin, Lanhui Zhang, **Chen Zhao**, Jie Tian. Development and validation of calculation tools of solar radiation in complex terrain. *Geospatial Information*, 2014, (2): 56-59.

Weizhen Wu, Jie Tian, **Chen Zhao** et al. Multi-scale analysis of the long-term trend of the hydrometeorological variables in the upper reach of the Heihe River, Northwest China. *Marine Geology & Quaternary Geology*, 2013, (4).

Jin Xin, Lanhui Zhang, Juan Gu, **Chen Zhao**, Jie Tian, Chansheng He. Modeling the Impacts of Spatial Heterogeneity in Soil Hydraulic Properties on Hydrologic Process in the Upper Reach of the Heihe River in the Qilian Mountains, Northwest China. *Hydrological Process*, 2014.

## CONFERENCE PRESENTATIONS

### 2013

**Chen Zhao**, Jinlin Li, Chansheng He. Soil Heterogeneity In the Upper Reach of Heihe Watershed. IGU 2013 Lanzhou Regional Conference, Lanzhou, China, Aug. 12-14

**Chen Zhao**, Jinlin Li, Chansheng He. 2013. Analysis of relationships between spatial variation of soil moisture and environmental factors in the upstream of the Heihe watershed. Annual Meeting of AAG, Los Angeles, CA, Apr. 9-13

## AWARDS AND HONORS

2013	First prize of Graduate student articles
2012-2015	First Level Graduate Student Fellowship
2009	Excellent undergraduate student
2009	Excellent student leader