

# MENG Qingxiang

## *Personal Information*

**Name:** Qingxiang Meng    **Date of birth:** February 16, 1977

**Sex:** Female

**Nationality:** Chinese    **Place of birth:** Henan Province, P. R. China

**Major:** Land resource management

**Position:** Associate professor

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## *Education*

### **Institute of Soil and Water Conservation, CAS & MWR**

Postdoctoral of Agricultural resources and environment, 2013

The theme of the Ph. D. thesis: Integrative Assessment of Eco-environmental Benefit about Returning the Grain Plots to Forestry on the Loess Plateau

### **Northwest A &F University**

Doctor of Soil and Water Conservation and Desertification Control, 2006

The theme of the Ph. D. thesis: Integrative Assessment of Eco-environmental Quality on the Loess Plateau Based on Remote Sensing, GIS and Models

### **Northwest A &F University**

Master of Soil Science, 2003

The theme of the M. S. thesis: Discussion on Land Production Potentiality and Land Carrying Capacity in Agriculture and Pasturage Interlaced Zone of Northern Shaanxi

### **Henan Agricultural University**

Bachelor of Land resource management, 2000

The theme of the B.A. thesis: Forestry Resource Distribution of Henan Province

## *Research Experience*

**9/2000-6/2003, College of Natural Resources and Environment, Northwest A &F University, Master.**

- Land production potentiality and carrying capacity in agriculture and pasturage interlaced zone of Northern Shaanxi.

**9/2003-6/2006, College of Natural Resources and Environment, Northwest A &F University, Doctor.**

- Integrative assessment of eco-environmental quality on the Loess Plateau.
- Number of the scientific expedition on the Loess Plateau.

**1/2008-5/2013, Institute of Soil and Water Conservation, CAS & MWR,**

#### **Post doctor.**

- Integrative assessment of eco-environmental benefit about returning the grain plots to forestry on the Loess Plateau.

**7/2006-3/2010, Henan Agricultural University, lecture.**

- Study on the mixed layer depth of rainfall-runoff-soil nitrogen and phosphorus.
- Research on land reclamation and ecological reconstruction in coal mining area of low mountains and hills.
- Mechanism of ecological restoration and evaluation index system of soil and water conservation in Huaihe River.

#### **4/2010- present, Henan Agricultural University, Associate professor.**

- Integrated technical of town planning and land intensive use.
- Monographic study on the comprehensive improvement of land planning in Henan Province.
- Simulation of landscape patterns processes and the erosive environment change on the Loess Plateau.
- Hydrological process responses to vegetation ecological rehabilitation in loess hilly region.
- Study on soil digital mapping in Central Zone.
- Comprehensive evaluation and division of resources and environment in Central Plains Economic Zone.

#### ***Grants:***

1. **The National Key Technologies R & D Program of China during the 11th Five-Year Plan Period Grant** (No. 2008BAJ08B017, 2008-2011): Integrated technical of town planning and land intensive use. (PI)
2. **Department of Land and Resources of Henan Province Grant** (No: 20110112342, 2011-2013): Monographic study on the comprehensive improvement of land planning in Henan Province. (PI)
3. **The Education Department Henan Province Grant** (No. 2009B440012, 2009-2011): Research on land reclamation and ecological reconstruction in coal mining area of low mountains and hills. (PI)
4. **Chinese Postdoctoral Science Foundation Grant** (No. 20080431259, 2009-2011): The simulation of landscape patterns, processes and the erosive environment change on the Loess Plateau. (PI)
5. **Key Laboratory of Yellow River Sediment Research of Ministry of Water Resources Grant** (No. 2010008, 2010-2011): Hydrological process responses to vegetation ecological rehabilitation in loess hilly region. (PI)
6. **NSFC Grant** (No: 40801102, 2008-2010): Study on the mixed layer depth of rainfall-runoff-soil nitrogen and phosphorus. (Member)
7. **HRC Grant** (No: 1262030780142, 2007-2009): Mechanism of ecological restoration and evaluation index system of soil and water conservation in Huaihe River. (Member)
8. **NSFC Grant** (No: 50201412, 2012-2014): Study on soil digital mapping in Central Zone. (Member)
9. **China Geological Survey Grant** (No: 12120113007300, 2013-2014): Comprehensive evaluation and division of resources and environment in Central Plains Economic Zone. (Member)

#### ***Awards:***

##### **Project Awards**

1. The second prize of Henan province science and Technology Progress Award: Application mode of resource-saving, environment-friendly land use in Henan province(2010)
2. The second prize of Department of Education of Henan province Award: construction of the national basic farmland protection area(2010)

##### **Personal Awards**

1. Excellent Teacher of HAU, 2010 (only 20 people)
2. The first prize in the essay contest of as a teacher for the motherland, 2009 (only 5 people)

#### ***Selected publications:***

3. Li Q S, Deng S J, Kang K, **Meng, Q. X. \***, & Zhao, J. Y. "Research on Green GDP of Henan Province Based on the SEEA System." *Advanced Materials Research*, 2013, 807: 764-77.
4. Qingsong Li, Kai Kang, Jiawei Zhu, **Qingxiang Meng\***, Sujun Deng. "Study on the Relationship between the Economics and Environment of Puyang City based on Environmental Kuznets Curve." *Advanced Materials Research*, 2013, 807: 773-782.

5. **Qingxiang Meng**, Xunsheng Zhang, Xitian Yang. "Soil Erosion Change on The Fu-niu Mountains of Huaihe River Valley." *2011 2nd International Conference on Mechanic Automation and Control Engineering*. 2011, Inner Mongolia, China.
6. **Qingxiang Meng**, Xia Shi, Guobin Liu. "The Socio-economic Benefits on Returning Farm Land to Forestry in Northern Shaanxi." *LANDCON1010*. 2010 Xi'an, China.
7. **Qingxiang Meng\***, Pengfei He, Xia Shi, Min Zhang. "Research on the Evaluation of the Intensive Degree of Construction Land in Central Plains City Clusters." *International Conference on Public Economics and Management (ICPEM2009)* . 2010 Xiamen, China.
8. Qu Chenxiao, **Meng Qingxiang**, Lin Yan, Cai Congfa. "Comparative Study on Land Quality Comprehensive Evaluation of Different Landforms in Henan Province." *Applied Informatics and Communication*. 2011 Wuhan, China.
9. **Qingxiang Meng**, Weitao Zhang. "Design and implementation of town planning and land management information system." *Journal of Yangtze University (Natural Science Edition)* 2012, 9(4):55-57. (in Chinese)
10. **Qingxiang Meng**, Honglei Zhang, Jingjing Wu, Yangyang Zhang. "Evaluation and analysis of improved land quality in Chutang Township, Suiping County." *Journal of Henan Agricultural University*, 2012, 46(1):55-57. (in Chinese)
11. **Qingxiang Meng**, Guobin Liu, Qinke Yang. Variation of land utilization and its ecological effectiveness. *Science of Soil and Water Conservation*. 2009, 7(2):48-53. (in Chinese)
12. Chenxiao Qu, **Qingxiang Meng**. " Study on Functional Zoning of Land Use in Xuchang City." *China Land Science*. 2008, 22(11):51-55 (in Chinese)
13. Chenxiao Qu, Yan Yue, **Qingxiang Meng**. *Theory and practice of land consolidation in Central Plains Economic Zone*. Beijing: china agriculture press.2008. (in Chinese)
14. **Qingxiang Meng**, *Way to realize the town planning and intensive land use in Henan Province*. Zhengzhou: Henan people's Publishing House.2012. (in Chinese)

### ***Software Copyright:***

1. Thematic statistical analysis system of town planning and land rendering. Software copyright No. 2011SR073368, 2011, China
2. Database management and query system of town planning and land using. Software copyright No. 2011SR073372, 2011, China