

# Curriculum Vitae

**January, 2017**

**Name:** Wenchao Zhou

**Personnummer:** 650117-4798

## **Doctoral degree**

PhD thesis 1999

“Optimal method and optimal intensity in reforestation”, Department of Forest Economics, Swedish University of Agricultural Sciences – SLU. Supervisor: Peter Lohmander.

**Post-doctoral visits** 1999.10 - 2001.04

Department of Forestry Economics, University of Freiburg, Germany.

## **Pedagogic courses**

Basic pedagogic course, SLU, 2005

Pedagogic course for associate professor candidates, SLU, 2006

## **Present position**

Researcher, Centre for Regional Science (CERUM), Umeå University, Umeå, Sweden.  
2012-04-01 – (100%)

## **Teaching**

Introduction to the statistical program R. (CERE/SLU), Graduate Level, 2010 -

## **Supervising**

Assistant supervisor to Shanshan Zhang, Ph D student, Department of Forest Economics/CERE, SLU, Umeå, Sweden 2012-08-01 - 2016-06

Assistant supervisor to Lei Shi, Ph D student, Department of Forest Economics/CERE, SLU, Umeå, Sweden 2009-09-01 - 2014-05

## **Earlier positions**

- 2001.04 – 2012-03  
Researcher  
Department of Forest Economics, Swedish University of Agricultural Sciences, Umeå, Sweden

- 1997.6 - 1997.8  
Young Scientist Summer Program, International Institute for Applied System Analysis, Austria.
- 1995–1999            PhD candidate  
Department of Forest Economics, Swedish University of Agricultural Sciences, Umeå, Sweden.
- 1990-1995 University Lecturer  
Computer Center, Beijing Forestry University, China.

### **Referee service**

International Journal of Sustainable Energy Planning and Management  
Journal of Environmental Planning and Management,  
Journal of Forest Economics

### **Publications**

#### **Book**

Rolf Färe, Shawna Grosskopf, Tommy Lundgren, Per-Olov Marklund, Wenchao Zhou (2016) *The Impact of Climate Policy on Environmental and Economic Performance: Evidence from Sweden*. Routledge, London, 146 pages.

#### **Peer reviewed articles in international journals**

Zhang, S., T. Lundgren and W. Zhou (2016) Energy efficiency in Swedish industry: A firm-level data envelopment analysis. *Energy Economics* 55: 42-51.

Lundgren, T., P-O. Marklund, E. Samakovlis, W. Zhou (2015) Carbon prices and incentives for technological development. *Journal of Environmental Management* 150, 393–403.

Färe, R., S. Grosskopf, T. Lundgren, P-O. Marklund and W. Zhou (2014) Pollution generating technologies and environmental efficiency. *Journal of Chinese Economics and Business Studies* 12(3), 233-251.

Lei Shi, Wenchao Zhou & Bengt Kriström, 2013. Residential demand for green electricity. *Environmental Economics* 4, 51-62.

Zhou, W., 2007. Economic effects of policy-relevant issues on timber and reindeer productions—the cost of increasing reindeer production in northern Swede. *Forest Policy and Economics* 9, 611-619.

Zhou, W., Gong, P., 2005. Multiple-use tradeoffs in Swedish mountain region forests. *Forest Policy and Economics*, 7, 39-51.

Zhou, W., Gong, P., 2004. Economic effects of environmental concerns in forest management: an analysis of the cost of achieving environmental goals. *Journal of Forest Economics* 10, 97-113.

Marc Hanewinkel, Wenchao Zhou, and Christian Schill, 2004. A neural network approach to identify forest stands susceptible to wind damage. *Forest Ecology and Management* 196, 227-243.

Zhou, W., 2001. Effects of forest carbon sequestration on optimum planting density. *Journal of Forest Economics* 7, 187-201.

### **Working papers**

Zhang, S.S., Lundgren, T., Zhou, W.C. (2015). Environmental investment and firm performance: A panel VAR approach. Centre for Environmental and Resource Economics (CERE), Working Paper 2015:12, Department of Economics, Umeå University.

Lundgren, T., Zhang, Shanshan, and W. Zhou (2015) Energy Efficiency in Swedish Industry - A Firm-level Data Envelopment Analysis. Centre for Environmental and Resource Economics (CERE), Working Paper 2015:3, Department of Economics, Umeå University.

Lundgren, T. P-O. Marklund, E. Samakovlis and W. Zhou (2013) Carbon Prices and Incentives for Technological Development. Centre for Environmental and Resource Economics (CERE) Working Paper, 2013:4. Department of Economics, Umeå University.

Färe, R., S. Grosskopf, T. Lundgren, P-O. Marklund and W. Zhou (2013) Which Bad is Worst? An Application of Leif Johansen's Capacity Model. Centre for Environmental and Resource Economics (CERE) Working Paper, 2013:2, Department of Economics, Umeå University.

Färe, R., S. Grosskop, T. Lundgren, P-O. Marklund and W. Zhou (2012) Polluting Generating Technologies and Environmental Efficiency. Centre for Environmental and Resource Economics (CERE), Working paper, 2012:16, Department of Economics, Umeå University.

Färe, R., S. Grosskop, T. Lundgren, P-O. Marklund and W. Zhou (2012) Productivity: Should we Include Bads? Centre for Environmental and Resource Economics (CERE), Working paper, 2012:13, Department of Economics, Umeå University.

### **Non peer-reviewed publications with international coverage**

Giergiczny, M., R. Mavsar and W. Zhou (2008). List of the main externalities identified. EXIOPOL Report Series, <http://www.feem-project.net/exiopol/>. Fondazione Eni Enrico Mattei, Milano. p. 47.

Giergiczny, M., R. Mavsar, and W. Zhou. 2008. Report documenting the results of the meta-data analysis linking the monetary values and with the physical characteristics of forests. EXIOPOL deliverable.

Wenchao Zhou, Yuri Belyaev, and Bengt Kriström (2012) iwtp: Software for Analysis of Self-Selected Interval Data. Available at: <http://cran.r-project.org/web/packages/iwtp/index.html>

### **Conferences presentations**

Shanshan Zhang & Wenchao Zhou (2014) Energy Efficiency and An Analysis of its Determinants: A Study of the Swedish Manufacturing Industry. 4th IAEE Asian Conference, Beijing, September 19-21, 2014

Färe, R., S. Grosskop, T. Lundgren, P-O. Marklund and W. Zhou (2012) Polluting Generating Technologies and Environmental Efficiency. The Asia-pacific Productivity Conference 2012 at King Mongkut's Institute of Technology Ladkrabang (KMITL), in Bangkok, Thailand. July 25-27, 2012

Färe, R., S. Grosskop, T. Lundgren, P-O. Marklund and W. Zhou (2012) Polluting Generating Technologies and Environmental Efficiency. 2012 International Workshop on Chinese Productivity. School for Public Policy and Management, Tsinghua University, Beijing, China. 14 July 2012