

CURRICULUM VITAE – XIAOBING ZHANG

BASIC INFORMATION

Name: Xiao–Bing Zhang
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EMPLOYMENT

2015.09 – present Assistant Professor, School of Economics, Renmin University of China
2015.04 – 2015.08 Research Fellow, Department of Economics, University of Gothenburg, Sweden

EDUCATION

2010.09 – 2015.03 PhD in Economics, University of Gothenburg, Sweden (Supervisor: Thomas Sterner)
2007.09 – 2010.07 MSc in Management Science, Chinese Academy of Sciences (CAS)
2003.09 – 2007.06 BA in Management Science, University of Science and Technology of China (USTC)

RESEARCH INTERESTS

Energy Economics; Climate Policy; Environmental Regulations; Industrial Organization

PUBLICATIONS

- Zhang X.B.**, Zheng X., Qin P., Xie L., 2018. Oil import tariff game for energy security: The case of China and India. *Energy Economics*, 72:255–262.
- Zhang X.B.**, Hennlock M., 2018. The benefits of international cooperation under climate uncertainty: A dynamic game analysis. *Environment and Development Economics*, 24: 452–477.
- Zhang X.B.**, Xu J., 2018. Optimal policies for climate change: A joint consideration of CO₂ and methane. *Applied Energy*, 211:1021–1029.
- Tan–Soo J.S., Qin P., **Zhang X.B.**, 2018. Power stations emissions externalities from avoidance behaviors towards air pollution: Evidence from Beijing. *Energy Policy*, 121:336–345.
- Coria J., **Zhang X.B.**, 2017. Optimal environmental road pricing and daily commuting patterns. *Transportation Research Part B: Methodological*, 105:297–314.
- Zhu L., **Zhang X.B.**, L. Yuan, Wang. X., Guo, J., 2017. Can an emission trading scheme promote the withdrawal of outdated capacity in energy-intensive sectors? A case study on China's iron and steel industry. *Energy Economics*, 63:332–347.
- Zhang X.B.**, Hassen S., 2017. Household fuel choice in urban China: Evidence from panel data. *Environment and Development Economics*, 22:392–413.
- Zhang X.B.**, Qin P., Chen X., 2017. Strategic oil stockpiling for energy security: The case of developing countries. *Energy Economics*, 61:253–260.
- Zhang X.B.**, Zhu L., 2017. Strategic carbon taxation and energy pricing under the threat of climate tipping events. *Economic Modelling*, 60:352–363.
- Coria J., **Zhang X.B.**, 2015. State–dependent enforcement to foster the adoption of new technologies. *Environmental and Resource Economics*, 62(2): 359–381.
- Zhang X.B.**, 2014, Optimal strategic oil stockpiling and import tariffs: The case of China. *Energy Economics*, 45: 463–474.
- Zhu L., **Zhang X.B.**, Fan Y., 2012. A non-linear model for estimating the cost of achieving emission targets: the case of China, the U.S. and India. *Journal of Systems Science and Systems Engineering*, 21(3): 297–315.
- Fan Y., **Zhang X.B.**, 2010. Modeling the strategic petroleum reserves of China and India by a stochastic dynamic game. *Journal of Policy Modeling*, 32(4): 505–519.
- Fan Y., **Zhang X.B.**, Zhu L., 2010. Estimating the macroeconomic costs of CO₂ emission reduction in China based on multi-objective programming. *Advances in Climate Change Research*, 1(1): 27–33.
- Zhang X.B.**, Fan Y., Wei Y.M., 2009. A model based on stochastic dynamic programming for determining China's optimal strategic petroleum reserve policy. *Energy Policy*, 37(11): 4397–4406.

WORKING PAPERS

- Li Y., Fei Y., **Zhang X.B.**, 2018. Household appliance ownership and income inequality: Evidence from China.
- Zhang X.B.**, Xu J., 2018. A dynamic enforcement strategy to improve compliance with environmental regulations.
- Zhang X.B.**, Fei Y., Li Y., Qin P., 2018. The impact of 'coal reduction program' on energy consumption inequality: Evidence from Beijing.
- Zhang X.B.**, Tan J.S., Qin P., Yu X., 2018. How do firms respond to temporary emissions control policies? Evidence from a natural experiment in China.

Zhang X.B., 2018. Strategic carbon taxation and energy pricing: The role of Innovation. GU Economics Working paper No. 589.

TEACHING EXPERIENCE

Microeconomics (undergraduate level), Renmin University of China, Autumn 2016, 2017
Energy Industrial Organization (undergraduate level), Renmin University of China, Autumn 2017, 2018
Economics of Environment and Climate Change (undergraduate level), Renmin University of China, Autumn 2015
Industrial Economics: Theory and Policy (graduate level), Renmin University of China, Autumn 2016, 2017, 2018
Policy Instruments for Environment Management (graduate level), University of Gothenburg, Spring 2014
Microeconomics (graduate level), University of Gothenburg, Fall 2014

RESEARCH GRANTS, PRIZES, AND HONORS

2017 Grant from the National Natural Science Foundation of China (RMB 201,600); Principal Investigator.
2016 Grant for overseas talents from Renmin University of China (RMB 100,000); Principal Investigator.
2015 Grant from the Adlerbertska foundation, Sweden (SEK 505,000); Principal Investigator.
2014 Grant from the Richard C Malmsten Memorial Foundation, Sweden (SEK 60,000); Principal Investigator.
2010 Presidential Scholarship of the Chinese Academy of Sciences, CAS
2007 Outstanding Graduate of Anhui Province, China
2006 Guomoruo Scholarship – the University’s Presidential Scholarship, USTC

CONFERENCE PRESENTATIONS

2018 The 6th World Congress of Environmental and Resource Economists, Gothenburg, Sweden
2017 The 11th Annual Meeting of the Environment for Development (EfD) Initiative, Addis Ababa, Ethiopia
2016 The 2nd meeting of Sustainable Energy Transitions Initiative (SETI), Duke University Durham, United States
2016 The 22nd Annual Meeting of European Association of Environmental and Resource Economists, Zurich
2016 The 1st meeting of Sustainable Energy Transitions Initiative (SETI), Duke University Durham, United States
2015 The 21st Annual Meeting of European Association of Environmental and Resource Economists, Helsinki
2014 The 8th Annual Meeting of the Environment for Development (EfD) Initiative, Dar es Salaam, Tanzania
2014 The 5th World Congress of Environmental and Resource Economists, Istanbul, Turkey
2013 The 20th Annual Meeting of European Association of Environmental and Resource Economists, Toulouse

SHORT ACADEMIC VISITS

2018 Department of Economics, University of Gothenburg, Sweden
2013 EAERE–FEEM–VIU summer school, Venice, Italy
2012 Summer school on 'Strategic Climate Policy' at University of Oslo, Norway
2011 London School of Economics and Political Science, UK
2009 Swiss Federal Institutes of Technology Zurich (ETHZ), Switzerland
2005 – 2006 Hong Kong University of Science and Technology (HKUST), Hong Kong

ACADEMIC ACTIVITIES

Member of European Association of Environmental and Resource Economists (EAERE)
Member of International Association of Energy Economics (IAEE)
Member of Association of Environmental and Resource Economists (AERE)

REFEREE WORK

Nature Energy, Energy Economics, Energy Journal, Environmental and Resource Economics, Resource and Energy Economics, Ecological Economics, Environment and Development Economics, Environmental Science and Technology, Economic Modeling, Energy Policy, Applied Energy, European Journal of Operations Research, Journal of Environment Management, Climate Policy, Natural Resource Modeling

COMPUTER SKILLS

Matlab, Mathematica, Stata, GAMS, SAS, C++, LaTeX

LANGUAGES

English (fluent), Chinese (native)