

CURRICULUM VITAE

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EDUCATION

B.A., Economics, Peking University
M.S., Environmental Sciences, Peking University
PhD, Environmental Management, Peking University

AREAS OF SPECIALIZATION

Environmental Economics and Policy
Environmental Management
Global environmental treaties

CURRENT POSITION, MEMBERSHIP & PROFESSIONAL ACTIVITIES

Professor	College of Environmental Sciences and Engineering, Peking University
Board of Directors, President	Asian Association on Environment and Resource Economics (AAERE)
Board of Directors	China's Association for Environmental Economics
Co-Chair	Task Force for Replenishment of the Multilateral Fund for the Implementation of Montreal Protocol (UNEP)
Senior Expert Member	UNEP Technology and Economic Assessment Panel (TEAP) for implementing Montreal Protocol

EXPERIENCE

Record

2007-	Director, Institute of Environment and Economy, PKU
2007-2012	Deputy Dean, College of Environmental Science & Engineering, PKU
1999-	Professor, Peking University
1995-1999	Associate Professor, Peking University
1990-1995	Lecturer, Peking University
1988-1990	Assistant, Peking University
1997-2006	Member, Environmental Economics Working Group / Task force of Environmental and Natural Resources Pricing and Taxation, under

	CCICED
2002-	Co-Chair, Task Force for Replenishment of MLF to Montreal Protocol, UNEP
1997-	Member, senior member of UNEP TEAP
2017-2019	President, Asian Association on Environment and Resource Economics (EAAERE)
2013-2018	Scientific Advisor Panel Member, Climate and Clean Air Coalition to Reduce Short-lived Climate Pollutants, CCAC OF UNEP
2004-2005	Environmental Advisor, UNDP Beijing
1997-2002	Co-Chair, UNEP Economic Options Committee

Selected recent Papers:

1. Yuhan Hu, Yana Jin, **Shiqiu Zhang**. Climate, Health Impacts, and Social Costs of Electric Vehicles in China: a cost-benefit analysis. *Acta Scientiarum Naturalium Universitatis Pekinensis*.
Doi:10.13209/j.0479-8023.2021.068
2. Tao Xue, Tong Zhu, Wei Peng, Tianjia Guan, **Shiqiu Zhang**, Yixuan Zheng, Guannan Geng, and Qiang Zhang. Clean Air Actions in China, PM2.5 Exposure, and Household Medical Expenditures: a Quasi-Experimental Study [J]. *PLOS Medicine*, 2021, 18(1): e1003480.
3. Dan Wu, Shuwei Li, Li Liu, Jiyao Lin, and **Shiqiu Zhang**. Dynamics of Pollutants' Shadow Price and Its Driving Forces: An Analysis on China's Two Major Pollutants at Provincial Level [J]. *Journal of Cleaner Production*, 2021, 283: 124625.
4. Yana Jin, Henrik Andersson, and **Shiqiu Zhang**. Do Preferences to Reduce Health Risks Related to Air Pollution Depend on Illness Type? Evidence from a Choice Experiment in Beijing, China[J]. *Journal of Environmental Economics and Management*, 2020, 103: 102355.
5. Xiang Zhang, Hancheng Dai, Yana Jin, and **Shiqiu Zhang**. Evaluation of Health and Economic Benefits from "Coal to Electricity" Policy in the Residential Sector in the Jing-Jin-Ji Region[J]. *Acta Scientiarum Naturalium Universitatis Pekinensis*, 2019, 55(02): 367-376. [In Chinese]
6. Dan Wu, Xunzhou Ma, **Shiqiu Zhang**, and Jiangping Ma. Are More Economic Efficient Solutions Ignored by Current Policy: Cost-Benefit and NPV Analysis of Coal-Fired Power Plant Technology Schemes in China [J]. *Ecological Indicators*, 2019, 103: 105-113.
7. Xunzhou Ma, Dan Wu and Shiqiu Zhang. Multiple Goals Dilemma of Residential Water Pricing Policy Reform: Increasing Block Tariffs or a Uniform Tariff with Rebate? *Sustainability* 2018, 10(10), 3526; doi: 10.3390/su10103526
8. Yana, and **Shiqiu Zhang**. "An Economic Evaluation of the Health Effects of Reducing Fine Particulate Pollution in Chinese Cities." *Asian Development Review* 35.2 (2018): 58-84; https://doi.org/10.1162/adev_a_00114

9. Dan Wu, Xunzhou Ma, **Shiqiu Zhang**. Integrating synergistic effects of air pollution control technologies: More cost-effective approach in the coal-fired sector in China. *Journal of Cleaner Production*, Volume 199, 20 October 2018, Pages 1035-1042 DOI information: 10.1016/j.jclepro.2018.06.035
10. Desheng Huang, Henrik Andersson & **Shiqiu Zhang** (2017): Willingness to pay to reduce health risks related to air quality: evidence from a choice experiment survey in Beijing, *Journal of Environmental Planning and Management*, DOI: 10.1080/09640568.2017.1389701.
11. Yana Jin, Henrik Anderson and **Shiqiu Zhang**. China's Cap on Coal and the Efficiency of Local Interventions: A Benefit-Cost Analysis of Phasing out Coal in Power Plants and in Households in Beijing *J. J. Benefit Cost Anal. J.* 2017; 8(2):147–186
12. ZHAO Dong-yang, JIN Ya-na, **ZHANG Shi-qiu**. Cost-effectiveness analysis of pollution emission reduction measures and ultra-low emission policies for coal-fired power plants. *China Environmental Science*. 2016,36(9): 2841~2848
13. JIN, Yana; ANDERSON, Henrik, **ZHANG, Shiqiu**. Air Pollution Control Policies in China: A Retrospective and Prospects. *International Journal of Environmental Research and Public Health*. *Int. J. Environ. Res. Public Health* 2016, 13, 1219; doi:10.3390/ijerph13121219
14. **Zhang Shiqiu**. Environmental Tax: Arrows on the string with right target?_A discussion on some key issues for environmental taxation policy in China. *Environmental Protection*. Vol 16, 2015 p31-p35
15. Mu Quan, **Zhang Shiqiu**. Assessment of the Trend of Heavy PM2.5 Pollution Days and Economic Loss of Health Effects during 2001–2013. *Acta Scientiarum Naturalium Universitatis Pekinensis*, Vol. 51, No. 4 (July 2015) doi: 10.13209/j.0479-8023.2015.074
16. Oran R. Young, Dan Guttman, ... **Shiqiu Zhang** (16/18), Institutionalized governance processes: comparing environmental problem solving in China and the United States. *Global Environmental Change* 31(2015) 16-173
17. Ma Xunzhou, **Zhang Shiqiu**. Study on structure and policy effects of increasing block tariffs of Chengdu residential water. *China Population, Resources and Environment*. Vol 24 No. 11 2014 p168-175
18. Wu Dan, Xu Yuan, **Zhang Shiqiu**. Will Joint Regional Air Pollution Control be More Cost-effective? An Empirical Study of China's Beijing-Tianjin-Hebei Region. *Journal of Environmental Management* (2015), pp. 27-36 DOI information: 10.1016/j.jenvman.2014.09.032 IF (2012-2013; 3.057), 5 years 3.545

19. Xunzhou Ma , **Shiqiu Zhang** & Quan Mu. How Do Residents Respond to Price under Increasing Block Tariffs? Evidence from Experiments in Urban Residential Water Demand in Beijing. *Water Resources Management*. (2014) 28:4895-4909. DOI 10.1007/s11269-014-0561-y, Volume 28 , Issue 14 (Impact Factor: 2.463 (2013)* Journal Citation Reports®, Thomson Reuters)