

CURRICULUM VITAE OF: SHUAI CHEN

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EDUCATION

- Ph.D., College of Environmental Sciences and Engineering, Peking University (PKU), 2014.
(Dissertation Title: *Impacts of Climate Change on Crop Yields in China: Marginal Effects, Economic Impacts and Prediction*; Directed by Prof. Xu, Jintao)
- M.S., School of Development Studies, Yunnan University, 2010.
- B.A., School of Management, Shandong University, 2006.

EMPLOYMENT

- Mar.2017 - , “*Hundred-Talent Program*” Researcher, School of Public Affairs, China Academy for Rural Development (CARD), Zhejiang University.
- Apr. 2015 – Feb.2017, *Postdoctoral Research Fellow*, Guanghua School of Management and IEPR, Peking University (Co-advisers Dr. Chen, Yuyu and Dr. Cai, Hongbin).
- Apr. 2014 - , *EfD Research Associate* (Environment for Development, Environmental Economics Program in China, see <http://www.efdinitiative.org/china/people/domestic-associates>).
- Mar.2013 - Jun. 2013, *Exchange Student*, Department of Agricultural and Consumer Economics, University of Illinois at Urbana Champaign (under supervision of Prof. Hayri Önal).

FIELDS OF SPECIALIZATION

Applied Economics, Resource and Environmental Economics, Agricultural Economics;
With special emphasis on China’s agriculture, off-farm labor supply, economic consequences of climate change, traffic and air pollution.

PUBLICATIONS (IN ENGLISH)

- Chen, S.**, P. Qin*, J. Tan-soo and C. Wei, 2019. Recency and projection biases in air quality valuation by Chinese residents. *Science of the Total Environment*, 648, 618-630. <https://doi.org/10.1016/j.scitotenv.2018.08.153>.
- Chen, S.**, P. Oliva*, and P. Zhang, 2018. Air Pollution and Mental Health: Evidence from China. *National Bureau of Economic Research*, No. W24686, [doi: 10.3386/w24686](https://doi.org/10.3386/w24686).
- Yang, J., **S. Chen**, P. Qin*, F. Lu, and A. Liu, 2018. The effect of subway expansions on vehicle congestion: Evidence from Beijing. *Journal of Environmental Economics and Management*, 88, 114-133, [doi: 10.1016/j.jeem.2017.09.007](https://doi.org/10.1016/j.jeem.2017.09.007).
- Chen, X., **S. Chen***, 2018. China feels the heat: Negative impacts of high temperatures on China's rice sector. *The Australian Journal of Agricultural and Resource Economics*, forthcoming, [doi: 10.1111/1467-8489.12267](https://doi.org/10.1111/1467-8489.12267).
- Chen, S.**, P. Oliva*, and P. Zhang, 2017. The Effect of Air Pollution on Migration: Evidence from China. *National Bureau of Economic Research*, No. W24036, [doi:10.3386/w24036](https://doi.org/10.3386/w24036).
- Chen, S.**, X. Chen*, and J. Xu, 2016. Impacts of Climate Change on Agriculture: Evidence from China. *Journal of Environmental Economics and Management*, 76: 105-124, [doi:10.1016/j.jeem.2015.01.005](https://doi.org/10.1016/j.jeem.2015.01.005).
- Chen, S.**, X. Chen*, and J. Xu, 2016. The Economic Impacts of Weather Variability on China's Rice Sector. *Climatic Change*, 138(1): 105-124, [doi: 10.1007/s10584-016-1707-0](https://doi.org/10.1007/s10584-016-1707-0).
- Chen, S.**, J. Yang, P. Qin*, and J. Xu, 2016. Truth behind Chinese Superstition: Non-Linear Effects of Traffic Congestion on Urban Air Quality in Beijing. *Discussion Paper Series DP 16-16 jointly by RFF and EFD*, available online at: <http://www.efdinitiative.org/publications/truth-behind-chinese-superstition-non-linear-effects-vehicle-traffic-urban-air-quality>.

PUBLICATIONS (IN CHINESE)

- Zhang, H. and **Chen, S.**, 2017. The Governance Effect of Crime: Evidence from the Equalization of Basic Public Services between Urban and Rural Areas in China, *The World Economy Papers*, No.7: 5-19 (in Chinese).
- Chen, S.**, Xu, J., Zhang, H., 2016. Nonlinear Relation between Weather Variability and Grain Productivity in China: Implications for Food Security. *Chinese Rural Economy*, No.5: 2-15 (in Chinese).
- Zhang, H. and **Chen, S.**, 2016. Off-Farm Employment and Rural Crime: Evidence from Village Panel of Rural China, *Labor Economic Research Journal*, No.4: 98-118 (in Chinese).

- Chen, S.**, 2015. Impacts of Climate Change on Wheat Yield in China: Evidence from Huang-Huai-Hai Plain. *Chinese Rural Economy*, No.7: 4-16 (in Chinese).
- Chen, S.** and Ge, D., 2014. The Uncertainties of Non-farm Employment Reduce Off-farm Labor Supply in China: Evidence from Household Decision-making. *Chinese Rural Economy*, No.6: 27-40 (in Chinese).
- Chen, S.** and Zhang, H., 2012. Impacts of Global Financial Crisis on Off-Farm Employment of Rural Labor Forces in China: An Empirical Study Based on Panel-DID Model. *Chinese Rural Economy*, No.8: 28-37 (in Chinese).
- Chen, S.**, Yang, G. and Zhang, Y., 2009. Roles of the Advantage Comparative Theory in Urban Agriculture: A Case Study of XiShan District of Kunming City. *Chinese Collective Economy*, No.6: 89-90 (in Chinese).
- Yang, G and **S. Chen**, 2009. The Management of Bank Credit: The Comparison between EDF Model and CPV Model. *Business China*, No.5: 13-14 (in Chinese).

WORKING PAPER AND WORK IN PROGRESS

- “Pollution Haven Attacks Back? -- Evidence from Air Quality Daily Variation in the Jing-Jin-Ji Region”, with Lunyu Xie, Jintao Xu, and Yingwei Dong, *Working Paper*, WCERE(2018) conference paper, <http://www.wcere2018.org/>.
- “Impact Evaluation of ‘Regulation’ on water pollution from livestock and poultry production Air Pollution and Consumption -- the case of livestock sector in China”, with Chen Ji and Songjin Jin (2018). *Manuscript*, AAEA(2018) conference paper, <https://www.aaea.org/meetings/2018-aaea-annual-meeting>.
- “Air Pollution and Consumption: Evidence from a Comprehensive Tracking Record of Prisoners”, with Min Wang and Dandan Zhang (2018). *Manuscript*, WCERE(2018) conference paper, <http://www.wcere2018.org/>.
- “Flights to safety: Evidence of Chinese residents fleeing air pollution via air travels”, with Yuyu Chen, Ziteng Lei, and Jie-Sheng Tan-Soo (2018). *Manuscript*.
- “Chasing Clean Air: Pollution-induced Travels in China”, with Yuyu Chen, Ziteng Lei, and Jie-Sheng Tan-Soo (2018). *Working Paper, Submitted*.
- “Collective Forest Tenure Reform and Rural Consumption Inequality: Evidence from Collective Forest Areas in China”, with Zhumei Huang, and Jintao Xu (2016). *Working Paper, Submitted*.
- “WTO accession, trade expansion and air pollution: Evidence from county level panel data”, with Faqin Lin, Xi Yao, and Peng Zhang (2018). *Manuscript*.
- “Changes in Multiple-Cropping Index over Time and Region in China: Evidence from a Long-term County-specific Panel”, with Haipeng Zhang (2016), *Working Paper* (in Chinese), *R&R at Chinese Rural Economy*.
- “Air Pollution and Worker Productivity: Evidence from Prison Records”, with Dandan Zhang

(2018), *Working Paper* (in Chinese), *R&R at China Economic Quarterly*.

“Corporation or Collusion? Land Use Transection among Local Governments under the Pressure on Economic Development”, with Xuewen Li, and Weiwen Zhang (2018), *Working Paper* (in Chinese), *R&R at China Economic Quarterly*.

RESEARCH EXPERIENCE

2018 - 2020, **NSFC** (National Natural Science Foundation of China, work with Binlei Gong and Peng Zhang) project “*Air Pollution, Migration, and Economic Consequences: The Empirical Analysis Based on County Panel in China*” (Amount RMB 190,000, No.: 71403149).

2017 - 2018, **FCME** (Liberal Arts Foundation of Chinese Ministry of Education) project “*Air Pollution and Mental Health: The Empirical Analysis Based on Survey Data of China*” (Amount RMB 30,000).

2015 - 2017, **CPSF** (China Postdoctoral Science Foundation) project “*Climate Change, Food Security and Social Welfare in China*” (Amount RMB 50,000, No.: 2015M580900).

2015 - 2017, **NSFC** (National Natural Science Foundation of China, work with Haipeng Zhang and Jintao Xu) project “*Changes in Multiple-Cropping Index over Time and Space in China and Its Social and Economic Factors: The Empirical Analysis Based on Panel Data at The County Level*” (Amount RMB 280,000, No.: 71403291).

2013 – 2015, **EfD** (Environment for Development, work with Xiaoguang Chen and Jintao Xu) project “*Economic and Environmental Impacts of Bioenergy in China: Implications for Land Use, Food Prices and Policies*”, Amount SEK 260,000.

PRESENTATION

“Air Pollution and Mental Health: Evidence from China”, *The 6th World Congress of Environmental and Resource Economists* (WCERE 2018), University of Gothenburg, Gothenburg, Sweden, Jun.25-29, 2018.

“Effect of Air Pollution on Mental Health: Evidence from China”, *The 2018 China Meeting of the Econometric Society*, Fudan University, Shanghai, Jun.15-17, 2018.

“Chasing Clean Air: Pollution-induced Travels in China”, *The 2018 Workshop in the Economics of Energy, Environment and Climate*, Peking University, Beijing, April.7-8, 2018.

“Identifying Effects of Vehicle Traffic on Urban Air Quality”, *The 16th China Economics Annual Conference*, Huazhong University of Science and Technology, Wuhan, Dec.3-4, 2016.

“Identifying the Nonlinear Effects of Vehicle Traffic on Urban Air Quality: Evidence from Beijing”, *US-China Economic Analyses of Urban Congestion: What Both Countries Can Learn from Each Other*, Oct.15-17, Tsinghua University, Beijing, 2016.

“How Traffic Jams Affect Air Quality?--Analysis of the Nonlinear Relationship between Traffic Congestion and Air Pollution in Beijing”, *Environment for Development Initiative 9th Annual Meeting*, Shanghai, China, November 5-8, 2015.

“Impacts of Climate Change on Corn and Soybean Yields in China”, *Agricultural & Applied Economics Association’s 2013 AAEA & CAES Joint Annual Meeting*, Washington, DC, August 4-6, 2013.

REFEREE SERVICES

Journal of Environmental Economics and Management (3); *Angricultral Economics* (2); *Land Economics* (1); *Energy Economics* (2); *Food Policy* (1); *Environment and Development Economics* (2); *China Economic Review* (3); *Review of Development Economics* (1); *China Economic Quarterly* (3, a Chinese Journal); *Chinese Rural Economy* (5, a Chinese Journal).

AWARDS

2017, Hundred-Talent Program, Zhejiang University

2016, Outstanding Postdoc Researcher, Peking University

2010 - 2014, National Scholarship for Graduate Students (RMB 40,000 per year)

LANGUAGES

Mandarin (Native)

English (reading and writing)

RESEARCH SKILLS

STATA and *MATLAB*: data processing, applied econometrics, and spatial econometrics;

Arc-GIS: data visualization and spatial analysis;

GAMS: economic modelling and mathematic programming methods.

REFERENCES

Jintao Xu, Peking University, xujt@pku.edu.cn, (+86)010-62767629;

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Hongbin Cai, Peking University, hbcai@gsm.pku.edu.cn, (+86)010-62765132;

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