CURRICULUM VITAE JIKUN HUANG

PERSONAL INFORMATION

Born in Fujian, China; Citizenship: Chinese

Office Address:

China Center for Agricultural Policy School of Advanced Agricultural Sciences, Peking University 4th Floor, Wangkezhen Building, 5 Yiheyuan Road, Haidian, Beijing 100871 Email: jkhuang.ccap@pku.edu.cn Tel: (86)-10-62767327; Fax: (86)-10-62767145

EDUCATION

PhD in Agricultural Economics, 1987-90 University of the Philippines Los Banos, Laguna, Philippines

BS in Agricultural Economics, 1980-84 Nanjing Agricultural University, Nanjing, 210014, China

AREAS OF SPECIALIZATION

Food and agricultural policy; Food demand, supply, market and trade; Agricultural resource management; Economics of climate change; Modelling and decision support system; Rural development and policy.

POSITIONS

Current primary positions:

Professor, School of Advanced Agricultural Sciences, Peking University Director, China Center for Agricultural Policy, Peking University Director, New Rural Development Institute, Peking University Chief and distinguished professor, Jiangxi Agricultural University

Other major positions in recent 5 years:

Member, Expert Advisory Committee, the Office of Rural Leading Group under the Central Committee of CPC, and the Ministry of Agriculture and Rural Affairs, China

Member, Expert Committee of National Development Planning for "the 14th Five-Year Plan", the National Development and Reform Committee

Think Tank Distinguished Expert, Shandong Provincial Government

Think Tank Distinguished Expert, Jiangxi Provincial Government

Senior Research Professor at Chinese Academy of Sciences (CAS) S&T Think Tank

Board member, International Food and Agriculture Trade Policy Council (until 2015)

Board member, International Service for the Acquisition of Agri-biotech Applications (ISAAA) (until 2015)

Member, Academic Committee, China Institute for Rural Studies, Tsinghua University Member, Academic Committee, Chinese Academy of Agricultural Sciences (CAAS) Member, Academic Committee, Institute of Agricultural Economics and Development, CAAS

Member, Academic Committee, Information Research Institute, CAAS

Council Member, Think Tank for Urban-Rural Integration, Chinese Academy of Social Sciences

Chair, Academic Committee, Management, Key Laboratory of Management, Decision and Information System, CAS

Member and vice Chair, Academic Committee, Economic Forecasting Center, CAS

Positions in professional associations

President, Asian Society of Agricultural Economists, 2016-2020 Vice-president of Chinese Association of Agricultural Economics Vice-President of Chinese Association of Agro-technology Economics Executive member, Association of Management Modernization of China

Editorial or Advisory Board in international journals:

Co-editor, China Agricultural Economic Review

Associate-Editor, Asian Journal of Agriculture and Development

Associate Editor, World Food Policy

Editor-in-Chief for Column in Agri. Econ., Journal of Integrated Agriculture

Member of Advisory Board, Agricultural Economics

Member of Editorial Board, Applied Economic Perspectives and Policy

Member of Editorial Board, Global Food Security

Member of Editorial Board, Australian Journal of Agricultural and Resource Economics

Member of Advisory Board, China Economic Journal

Member of Advisory Editors, Rangeland Journal

Member of Advisory Editors, China Economic Review

Member of Editorial Board, Frontiers of Engineering Management

Member of Editorial Board, Agribusiness: An International Journal

Member of Advisory Board, Asian Biotechnology and Development Review

Member of Editorial Board, Asia and the Pacific Policy Studies

Member of Editorial Board, the Frontiers of Economics in China

Member of Editorial Board, Journal of Resources and Ecology

Member of Editorial or Advisory Board in Chinese journals

China Economic Quarterly Chinese Rural Economy China Rural Survey

Forecasting

Geographical Research

Global Management Review

Issues in Agricultural Economy

Journal of Agrotechnical Economics

Management Review

Resources Science

Scientia Agricultura Sinica

The Latest Monthly Statistics
World Economic Papers
Agricultural Economics and Management
Acta Prataculturae Sinica

AWARDS AND HONORARY TITTLES

Fellow of Agricultural and Applied Economics Association (AAEA) (2016)

Honorary Life Member of the International Association of Agricultural Economists (IAAE) (2015)

Fellow, World Academy of Sciences TWAS - for the advancement of science in developing countries (2013)

Award for Scientific Progress (Second Prize), Chinese Academy of Surveying and Mapping Geographic Information, 2015

Award for the National Outstanding Team for Poverty Alleviation in China, the Poverty Alleviation Office, the State Council of China, 2011

Award for IRRI's Outstanding Alumni, International Rice Research Institute, 2010

Award for Centennial Outstanding Alumnus of College of Economics and Management, the University of the Philippines, Los Banos, 2008

Award for Distinguished Alumni, the University of the Philippines, Los Banos, 2008

Award for Fudan Outstanding Achievement in Management Science in China, 2008

Award for Outstanding Scientific Progress (Third Prize) on Early Warning System Study on Grain and Food Security, the Ministry of Agriculture of China, 2007

National Outstanding Scientist Certificate, the State Council of China, 2007

Award for the First and National Finalists "New Century's Bai-Qian-Wan Talent Program", People's Republic of China (PRC), 2004

Outstanding Achievement Award for Oversea Returning Chinese, 2003

Winner of the 5th Prizes for Young Scientists of China (top 10 Youth Scientists), PRC, 2002

Award for Innovation Team Grant, National Natural Science Foundation of China Committee (NSFC), 2001

Outstanding Youths in National Government Organization, awarded jointly by the State Council and Several Ministries of China, 1999

Award for Outstanding Scientific Progress (Second Prize) on Agricultural R&D Policy Study, the Ministry of Agriculture of China, 1999

Receiver of National Outstanding Youths Foundation, NSFC, 1998

Winner of the 4th Nomination Prizes for Young Scientists of China, PRC, 1998

Top Ten Outstanding Youths Award, Chinese Academy of Agricultural Sciences, 1997 Top Ten Outstanding Staffs Award, Chinese Academy of Agricultural Sciences, 1997 Distinguished Agricultural Scientist, the Ministry of Agriculture of China, 1997

Sun Yefang's Economic Prize (the highest economist award in China, given every 3 years), 1997

Award for Outstanding Scientific Progress (Second Prize) on China's Food Policy Study, the Ministry of Agriculture of China, 1996

Award for Outstanding Scientific Progress (Third Prize) on Zhejiang's Seed Supply and Support System, Zhejiang Science and Technology Commission, 1996

Award for Outstanding Scientific Progress (Third Prize) on China's Crop Regionalization, the State Agricultural Regional Planning Commission and Ministry of Agriculture, 1991

Received Several Best Quality Paper Awards from Various Academic Associations and Organizations in China

PROJECT LEADER AND CO-LEADER IN PAST 10 YEARS

Received more than 80 major research project grants from China and international donors to work on agricultural and rural development

ADVISING GRADUATE STUDENTS:

Graduate program: Advisor for about 70 M.S. and Ph.D graduate students with major in agricultural economics and management by end of 2019

Post-doctor program: Advisor for more than 20 post-doctors by end of 2019

EMPLOYMENT RECORD:

December 2015 to date

Professor

School of Advanced Agricultural Sciences, Peking University Director, China Center for Agricultural Policy, Peking University Director, New Rural Development Institute, Peking University Vice-president, Jiangxi Agricultural University (April 2018-April 2020)

October 2000 to December 2015

Director

Center for Chinese Agricultural Policy (CCAP), Chinese Academy of Sciences (CAS)

Professor, Institute of Geographic Sciences and Natural Resources Research, CAS

CCAP is led by a small group of well-trained research fellows and support staff who have unmatched skill and experience in working on many aspects of agricultural and rural development. The Center has demonstrated that it can play unique roles in agricultural economics in China and helping government to make a better policy in agricultural and rural development. CCAP was established in Chinese Academy of Agricultural Sciences (CAAS) in 1995 and moved to CAS in 2000.

October 1995 - October 2000

Director and Founder of Center for Chinese Agricultural Policy (CCAP) Chinese Academy of Agricultural Sciences, Beijing Professor, Institute of Agricultural Economics, CAAS

September 1994 - September 1995

Research Fellow

International Food Policy Research Institute, Washington D.C., USA

August - September, 1994

Visiting Scholar, Stanford University

November 1992 - August 1994

Professor and Department Head

Agri. Econ. Dept., China National Rice Research Institute (CNRRI), Hangzhou, China

October 1990-October 1992

Post-Doctor Research Fellow International Rice Research Institute (IRRI), Los Banos, Philippines

April 1987-October 1990

Graduate Fellow, IRRI, Philippines

December 1985-February 1986

Collaborative Research Scholar, IRRI

July 1984-April 1987

Research Assistant, CNRRI, Hangzhou, China

CONSULTING EXPERIENCE

Consultants for more than 20 international organizations, including World Bank, ADB, UNDP, FAO, WFP, ESCAP/UNs, UNEP, IFAD, OECD, APEC, Rockefeller Foundations, CGIAR, EU Commission, etc.

PUBLICATION:

Huang's publications cover a wide range of issues on agricultural and rural development. He has published more than 560 journal papers, of which more than 300 papers published in the refereed international journals. He is co-author of 23 books. In addition, he also contributed more than 70 chapters in English books and more than 40 papers (chapters) in Chinese books.

I. Articles Published in Refereed International Journals

- 1. Xie, Wei, Huang Jikun, Wang Jinxia, Cui Qi, Robertson Ricky, 2020. Climate Change Impacts on China's Agriculture: The Responses from Market and Trade, *China Economic Review*, 62(2020)101256. https://doi.org/10.1016/j.chieco.2018.11.007
- 2. Xiang, Cheng, Jikun Huang, 2020. The role of exotic wheat germplasms in wheat breeding and their impact on wheat yield and production in China, *China Economic Review*, 62(2020)101239. https://doi.org/10.1016/j.chieco.2018.10.006
- 3. Min, Shi, Min Liu, Jikun Huang, 2020. Does the application of ICTs facilitate rural economic transformation in China? Empirical evidence from the use of smartphones among farmers, *Journal of Asian Economics*, 70 (2020) 101219. https://doi.org/10.1016/j.asieco.2020.101219
- 4. Jin, Shaoze, Jikun Huang, Hermann Waibel,2020. Location and economic resilience in rubber farming communities in southwest China, *China Agricultural Economic Review*, DOI 10.1108/CAER-06-2020-0153
- 5. Min, Shi, Xiaobing Wang, Shaoze Jin, Hermann Waibel, Jikun Huang, 2020. Climate change and farmers' perceptions: impact on rubber farming in the upper Mekong region, *Climatic Change*, https://doi.org/10.1007/s10584-020-02876-2.
- 6. Wang, Xiaobing, Futoshi Yamauchi, Jikun Huang, Scott Rozelle, 2020. What constrains mechanization in Chinese agriculture? Roles of farm size and fragmentations, *China Economic Review*, 62 (2020) 101221. https://doi.org/10.1016/j.chieco.2018.09.002

- 7. Jayanthi Thennakoon, Christopher Findlay, Jikun Huang, Jinxia Wang, 2020. Management adaptation to flood in Guangdong Province in China: Do property rights Matter? *World Development*, 127 (2020) 104767. https://doi.org/10.1016/j.worlddev.2019.104767
- 8. Liu, Min, Jikun Huang, Liesbeth Dries, Wim Heijman, Xueqin Zhu, 2020. How does land tenure reform impact upon pastoral livestock production? An empirical study for Inner Mongolia, China, *China Economic Review*, 60 (2020)101110. https://doi.org/10.1016/j.chieco.2017.09.009
- 9. Luo, Renfu, Chengfang Liu, Jingjing Gao, Tianyi Wang, Huayong Zhi, Pengfei Shi, Jikun Huang, 2020. Impacts of the COVID-19 pandemic on rural poverty and policy responses in China, *Journal of Integrative Agriculture*, 2020, 19(12): 2946–2964.
- 10. Huang, Kaixing, Wenshou Yan, and Jikun Huang, 2020. Agricultural subsidies retard urbanisation in China, *Australian Journal of Agricultural and Resource Economics*, 2020, 64(4):1308-1327.
- 11. Hou, Lingling, Pengfei Liu, Jikun Huang, Xiangzheng Deng, 2020. The influence of risk preferences, knowledge, land consolidation, and landscape diversification on pesticide use, *Agricultural Economics*, Vol. 51, No. 5 (2020):759-775.
- 12. Li Li, Ruocheng Hu, Jikun Huang, Matthias Bürgi, Ziyun Zhu, Jia Zhong and Zhi Lü, 2020. A farmland biodiversity strategy is needed for China, *Nature Ecology & Evolution*, Vol. 4, No.6 (2020): 772-774.
- 13. Yi, Zou, Joop de Kraker, Felix J. J. A. Bianchi, Haijun Xiao, Jikun Huang, Xiangzheng Deng, Lingling Hou, Wopke van der Werf, 2020. Do diverse landscapes provide for effective natural pest control in subtropical rice? *Journal of Applied Ecology*, 2020, 57: 170-180.
- 14. Huang, Jikun, Scott Rozelle, Xinkai Zhu, Shiji Zhao and Yu Sheng, 2019. Agricultural and rural development in China during the past four decades: an introduction, *Australian Journal of Agricultural and Resource Economics*, 64(2020):1-13.
- 15. Qiao, Fangbing, Jikun Huang, 2020. Technical Efficiency of Bacillus thuringiensis Cotton in China: Results from Household Surveys, *Economic Development and Cultural Change*, Vol. 68, No. 3(2020): 947-963.
- Qiao, Fangbin, Ruifa Hu, Jikun Huang, 2019. Genetically modified (GM) rice versus non-GM rice: pesticide use and yield, *Science China: Life Sciences*, Vol 63, No.5 (2020): 785-787.
- 17. Cai, Jinyang, Weiqiong Chen, Jikun Huang, Ruifa Hu and Carl E. Pray, 2020. The Evolving Structure of Chinese R&D Funding and its Implications for the Productivity of Agricultural Biotechnology Research, *Journal of Agricultural Economics*, Vol. 71, No. 2 (2020): 287-304.
- Wang, Jinxia, Yunyun Zhu, Tianhe Sun, Jikun Huang, Lijuan Zhang, Baozhu Guan and Qiuqiong Huang, 2020. Forty years of irrigation development and reform in China, Australian Journal of Agricultural and Resource Economics, Vol. 64, No. 1(2020):126-149.
- 19. Qiao, Fangbin, Jikun Huang, 2020. Sustainability of the Economic Benefit of Bt Cotton in China: Results from Household Surveys, *The Journal of Development Studies*, 2020, Vol. 56, No. 11, 2045-2060.

- 20. Liu, Min, Liesbeth Dries, Jikun Huang, Shi Min, Jianjun Tang, 2019. The impacts of the eco-environmental policy on grassland degradation and livestock production in Inner Mongolia, China: An empirical analysis based on the simultaneous equation model, *Land Use Policy*, 88 (2019) 104167. https://doi.org/10.1016/j.landusepol.2019.104167
- 21. Wang Sun Ling, Jikun Huang, Xiaobing Wang, Francis Tuan. 2019. Are China's regional agricultural productivities converging: How and why?. *Food Policy*, 86(2019): 101727. https://doi.org/10.1016/j.foodpol.2019.05.010
- 22. Chai, Yuan, Philip G. Pardey, Connie Chen-Kang, Jikun Huang, Kyuseon Lee, Wanlu Dong, 2019. Passing the food and agricultural R&D buck? The United States and China, *Food Policy*, 86 (2019): 101729. https://doi.org/10.1016/j.foodpol.2019.101729.
- 23. Yi, Qing, Moyu Chen, Yu Sheng, Jikun Huang, 2019. Mechanization services, farm productivity and institutional innovation in China, *China Agricultural Economic Review*, Vol. 11 No. 3 (2019): 536-554.
- 24. Hu, Yuanning, Jikun Huang, Lingling Huo, 2019. Impacts of the Grassland Ecological Compensation Policy on Household Livestock Production in China: An Empirical Study in Inner Mongolia, *Ecological Economics*, Vol.161(2019):248-256.
- 25. Liu, Min, Liesbeth Dries, Wim Heijman, Xueqin Zhu, Xiangzheng Deng, Jikun Huang, 2019. Land tenure reform and grassland degradation in Inner Mongolia, China, *China Economic Review*, Vol. 55(2019): 181-198.
- 26. Wang, Yangjie, Jikun Huang, Xiaohong Chen, 2019. Do forests relieve crop thirst in the face of drought? Empirical edidence from South China, *Global Environmental Change*, 55(2019): 105-114.
- 27. Min, Shi, Lingling Hou, Hermann Waibel, Jikun Huang, Yueying Mu,2019. The impact of migration on the food consumption and nutrition of left-behind family members: Evidence from a minority mountainous region of southwestern China, *Journal of Integrative Agriculture*, 2019, 18(8):1780–1792.
- 28. Wang, Jinxia, Yu Yang, Jikun Huang, Bhim Adhikari, Adaptive irrigation measures in response to extreme weather events: empirical evidence from the North China plain, *Regional Environmental Change*, 19(2019): 1009-1022.
- 29. Hou, Lingling, Xiaoguang Chen, Lena Kuhn, Jikun Huang. 2019. The effectiveness of regulation and technologies on sustainable use of crop residues in Northeast China. *Energy Economics*, 81(2019): 519-527.
- 30. Sheng, Yu, Jiping Ding, and Jikun Huang. The Relationship between farm size and productivity in agriculture: Evidence from maize production in Northern China, *American Journal of Agricultural Economics*, Vol 101, No.3(2019):790-806.
- 31. Min, Shi, Jikun Huang, Hermann Waibel, Xueqing Yang, Georg Cadisch, 2018. Rubber Boom, Land Use Change and the Implications for Carbon Balances in Xishuangbanna, Southwest China, *Ecological Economics*, 156 (2019): 57-67.
- 32. Huang, Jikun, Ke Zhou, Wei Zhang, Xiangzheng Deng, Wopke van Werf, Yanhui Lu, Kongming Wu and Mark W Rosegrant. Uncovering the economic value of natural enemies and true costs of chemical insecticides to cotton farmers in China. *Environmental Research Letters*, 13(2018) 064027.
- 33. Zhang, Wei, Yanhui Lu, Wopde Werf van der, Jikun Huang, Feng Wu, Ke Zhou, Xiangzheng Deng, Yuying Jiang, Kongming Wu, Rosegrant Mark W. Multidecadal, county-level analysis of the effects of land use, Bt cotton, and weather on cotton pests in

- China. *Proceedings of the National Academy of Sciences of the United States of America*. Vol. 115 (2018): E7700-E7709.
- 34. Zhang, Chao, Yiduo Sun, Ruifa Hu, Jikun Huang, Xusheng Huang, Yifan Li, Yanhong Yin, Zhaohui Chen. A comparison of the effects of agricultural pesticide uses on peripheral nerve conduction in China. *Scientific Reports*. 2018(8):9621, DOI:10.1038/s41598-018-27713-6
- Li Yanrong, Jinxia Wang, Jikun Huang, Bihm Adhikari and Liangzhi You. Village-level Supply Reliability of Groundwater Irrigation in Rural China: Effects of Climate Variables and Tubewell Density, *China Agricultural Economic Review*, Vol. 10, NO. 3 (2018): 354-371.
- 36. Carl Pray, Jikun Huang, Ruifa Hu, Haiyan Deng, Jun Yang, Xenia K. Morin. Prospects for cultivation of genetically engineered food crops in China. *Global Food Security*, 16 (2018): 133-137.
- 37. Yan Tingting, Jinxia Wang, Jikun Huang, Wei Xie, Tingju Zhu. The impacts of climate change on irrigation and crop production in Northeast China and implications for energy use and GHG Emission, *Proc. IAHS*, 379, 301–311.
- 38. Wang, Yangjie, Jikun Huang, Jinxia Wang, and Christopher Findlay, 2018. Mitigating Rice Production Risks from Drought through Improving Irrigation Infrastructure and Management in China, *Australian Journal of Agricultural and Resource Economics*, 62 (2018):161–176.
- 39. Min, Shi, Junfei Bai, Jikun Huang, Hermann Waibel, 2018. Willingness of smallholder rubber farmers to participate in ecosystem protection: Effects of household wealth and environmental awareness, *Forest Policy and Economics* 87 (2018) 70–84.
- 40. Hope Michelson, Stephen Boucher, Xinzhe Cheng, Jikun Huang, Xiangping Jia, 2018. Connecting supermarkets and farms: the role of intermediaries in Walmart China's fresh produce supply chains, *Renewable Agriculture and Food Systems*, 2018, 33(1); 47–59.
- 41. Huang, Kaixing, Jinxia Wang, Jikun Huang, and Christopher Findlay, 2018. The potential benefits of agricultural adaptation to warming in China in the long run, *Environment and Development Economics*, 23(2018) 139–160.
- 42. Liu, Min, Liesbeth Dries, Wim Heijman, Jikun Huang, Xueqin Zhu, Yuanning Hu and Haibin Chen, 2018. The Impact of Ecological Construction Programs on Grassland Conservation in Inner Mongolia, China. *Land Degradation & Development*, 29(2018): 326–336.
- 43. Min Shi, Wang, Xiaobing, Liu, Min, Huang, Jikun. The asymmetric response of farmers to the expected change of rubber price: the roles of sunk cost and path dependency, *Land Use Policy*, 2018, 79: 585-594.
- 44. Huang, Jikun, Shukun Wang and Zhihua Xiao. 2017. Rising Herbicide Use and Its Driving Forces in China, *European Journal of Development Research*, Vol. 29, No. 3 (2017): 614-627.
- 45. Qiao, Fangbin, Jikun Huang, Shukun Wang, Qiang Li, 2017. The impact of Bt cotton adoption on the stability of pesticide use, *Journal of Integrative Agriculture*, 2017, 16(10): 2346–2356.
- 46. Qiao, Fangbin, Jikun Huang, Xiaobing Wang. 2017. Fifteen Years of Bt Cotton in China: Results from Household Surveys, *World Development*, Vol.98, pp. 351-359.

- 47. Min, Shi, Hermann Waibel, Jikun Huang. 2017. Smallholder participation in the land rental market in a mountainous region of Southern China: Impact of population aging, land tenure security and ethnicity, *Land Use Policy*, 68(2017): 625-637.
- 48. Gao, Liangliang, Dingqiang Sun, Jikun Huang, 2017. Impact of land tenure policy on agricultural investments in China: Evidence from a panel data study, *China Economic Review*, 45 (2017) 244-252.
- 49. Min, Shi, Jikun Huang, Junfei Bai, Hermann Waibel, 2017. Adoption of intercropping among smallholder rubber farmers in Xishuangbanna, China. *International Journal of Agricultural Sustainability*, Vol. 15, No.3 (2017): 223-237
- 50. Deng, Haiyan, Ruifa Hu, Jikun Huang, Carl Pray and Yanhong Jin, Zhonghua Li, 2017. Attitudes toward GM foods, biotechnology R&D investment and lobbying activities among agribusiness firms in the food, feed, chemical and seed industries in China, *China Agricultural Economic Review*, Vol. 9, No. 3, 2017, pp. 385-396.
- 51. Huang, Jikun, Bowen Peng, Xiaobing Wang, 2017. Scientists' attitudes toward agricultural GM technology development and GM food in China, *China Agricultural Economic Review*, Vol. 9, No. 3, 2017, pp. 369-384.
- 52. Cai, Jinyang, Ruifa Hu, Jikun Huang, Xiaobing Wang. 2017. Innovations in Genetically Modified Agricultural Technologies in China's Public Sector: Successes and Challenges. *China Agricultural Economic Review*, Vol. 9, No. 2, 2017, pp: 317-330.
- 53. Xie, Wei, Tariq Ali, Qi Cui and Jikun Huang, 2017. Economic impacts of commercializing insect-resistant GM maize in China, *China Agricultural Economic Review*, Vol. 9, No. 3, 2017, pp: 340-354.
- 54. Huang, Jikun, Wei, Qi Cui, Xie Wei, 2017. The prospects for China's food security and imports: Will China starve the world via imports? *Journal of Integrative Agriculture*, 16 (2017): 2933-2944.
- 55. Min, Shi, Hermann Waibel, Georg Cadisch, Gerhard Langenberger, Junfei Bai, Jikun Huang, 2017. The Economics of Smallholder Rubber Farming in a Mountainous Region of Southwest China: Elevation, Ethnicity, and Risk, *Mountain Research and Development*, 2017, 37 (3): 281-293.
- 56. Min, Shi, Jikun Huang, Junfei Bai, Waibel Hermann. 2017. Rubber specialization vs crop diversification: the roles of perceived risks, *China Agricultural Economic Review*, Vol. 9, No. 1(2017): 188-210.
- 57. Huo, Lingling, Jikun Huang and Jinxia Wang. 2017, Early warning information, farmers' perceptions of, and adaptations to drought in China, *Climatic Change*, Vol. 141:197–212.
- 58. Huang, Jikun and Xiaobing Wang. 2017. Evolution and consequences of China's rural land institutional reform, *Journal of Law and Rural Development*, Vol. 1: 59-64.
- 59. Zou, Yi, Felix J.J. A. Bianchi, Frank Jauker, Haijun Xiao, Junhui Chen, James Cresswell, Shudong Luo, Jikun Huang, Xiangzheng Deng, Lingling Hou, Wopke van der Werf, 2017. Landscape effects on pollinator communities and pollination services in small-holder agroecosystems, *Agriculture, Ecosystems and Environment*, 246 (2017): 109-116.
- 60. Huang, Jikun and Guolei Yang. 2017. Understanding recent challenges and new food policy in China, *Global Food Security*, 12 (2017): 119–126.
- 61. Tariq Ali, Jikun Huang, Jinxia Wang and Wei Xie. 2017. Global Footprints of Water and Land Resources through China's Food Trade, *Global Food Security*, 12 (2017): 139–145.

- 62. Cui, Qi and Jikun Huang. 2017. Food expenditure responses to income/expenditure shocks in rural China, *China Agricultural Economic Review*, Vol. 9,No.1: 2-13.
- 63. Wang, Xiaobing, Jikun Huang and Scott Rozelle. 2017. Off-farm employment and agricultural specialization in China, *China Economic Review*, Vol.42: 155-165.
- 64. Wang, Jinxia, Yanrong Li, Jikun Huang, Tingting Yan and Tianhe Sun. 2017. Growing Water Scarcity under Climate Change and Food Security in China, *Global Food Security*, 14(2017): 9-17.
- 65. Guo, Ailing, Jinxia Wang, Jikun Huang. Impacts of Climate Change on the Occurrence Degree of Cotton Aphids in Huang-Huai-Hai and Yangtze River Basins, *Agricultural Science & Technology*, 2017, 18: 1263-1271.
- 66. Zhang, Chao, Ruifa Hu, Jikun Huang, Xusheng Huang, Guanming Shi, Yifan Li, Yanhong Yin and Zhaohui Chen. 2016. Health effect of agricultural pesticide use in China: implications for the development of GM crops. *Scientific Reports*, Vol. 6:34918 DOI: 10.1038/srep34918.
- 67. Wang, Xiaobing, Futoshi Yamauchi, Jikun Huang, 2016. Rising wages, mechanization and the substitution between capital and labor: Evidence from small scale farm system in China, *Agricultural Economics* 47 (2016): 309-317
- 68. Huang, Jikun and Jiping Ding. 2016. Institutional Innovation and Policy Support to Facilitate Small-Scale Farming Transformation in China, *Agricultural Economics*, 47 (2016): 227–237.
- 69. Qiao, Fangbin, Jikun Huang and Caiping Zhang. 2016. The Sustainability of the Farmlevel Impact of Bt Cotton in China, *Journal of Agricultural Economics*, Vol. 67, No. 3, 2016, 602–618.
- 70. Wang, Xiaobing, Futoshi Yamauchi, Keijiro Otsuka, and Jikun Huang, 2016. Wage Growth, Landholding, and Mechanization in Chinese Agriculture, *World Development*, Vol. 86, pp. 30 45.
- 71. Wang, Jinxia, Lijuan Zhang, Jikun Huang, How could we realize a win-win strategy on irrigation price policy? Evaluation of a pilot reform project in Hebei Province, China, *Journal of Hydrology*, 539 (2016): 379-391.
- 72. Qiao, Fangbin, Jikun Huang, Dan Wang, Huaiju Liu, Bryan Lohmar, China's hog production: from backyard to large-scale, *China Economic Rrview*, 38 (2016): 199-208.
- 73. Liu, Min, Wim Heijman, Xueqin Zhu, Liesbeth Dries and Jikun Huang, Individual and social optima of rural land allocation by stakeholders: a case study on eco-fragile areas of northern China, *The Rangeland Journal*, 2016, 38, 57-72.
- 74. Ji, Xianqing, Scott Rozelle, Jikun Huang, Linxiu Zhang, Tonglong Zhang, Are China's Farms Growing? *China & World Economy*, Vol. 24, No. 1(2016): 41-62.
- 75. Wang, Xiaobing, Linghui Han, Jikun Huang, Linxiu Zhang, Scott Rozelle, Gender and Offfarm Employment: Evidence from Rural China, *China & World Economy*, Vol. 24, No. 3(2016): 18-36.
- 76. Liu, Ying, Jikun Huang, Precious Zikhali, The bittersweet fruits of industrialization in rural China: The cost of environment and the benefit from off-farm employment, *China Economic Review*, 38(2016):1-10.

- 77. van Oort, P.A.J.,G. Wang, J. Vos, H. Meinke, B.G. Li, J.K. Huang, W. van der Werf, Towards groundwater neutral cropping systems in the Alluvial Fans ofthe North China Plain, *Agricultural Water Management*, 165(2016): 131-140.
- 78. Babu, Suresh Chandra, Jikun Huang, P. Venkatesh, and Yumei Zhang. 2015. A comparative analysis of agricultural research and extension reforms in China and India. *China Agricultural Economic Review*, Vol. 7 Iss 4(2015): 541 572.
- 79. Huang, Jikun, Yangjie Wang, and Jinxia Wang, Farmers' adaptation to extreme weather events through farm management and Its impacts on the mean and risk of rice yield in China, *American Journal of Agricultural Economics*, Vol. 97, No. 2(2015): 602-617.
- 80. Huang, Jikun, Zhurong Huang, Xiangping Jia, Ruifa Hu, Cheng Xiang, Long-term reduction of nitrogen fertilizer use through knowledge training in rice production in China, *Agricultural Systems*, 135 (2015): 105-111.
- 81. Huang, Jikun, Ruijian Chen, Fangbin Qiao and Kongming Wu, Biosafety management and pesticide use in China's Bt cotton production, *China Economic Review*, 33 (2015): 67-75.
- 82. Huang, Jikun, Fangbin Qiao, Insect-Resistant GE Rice, Pesticide Use, and Rice Farmers' Health in China, *ISB News Report*, May 2015:1-4.
- 83. Ding, Jiping, Jikun Huang, Xiangping Jia, Junfei Bai, Steve Boucher, Michael Carter, Direct farm, production base, traceability and food safety in China, *Journal of Integrative Agriculture*, 2015, 14(11): 2380–2390.
- 84. Huang, Jikun, Bowen Peng, Consumers' perceptions on GM food safety in urban China, *Journal of Integrative Agriculture*, 2015, 14(11): 2391–2400.
- 85. Wang, Xiaobing, Cheng Xiang, Jikun Huang, Adoption and Uptake Pathway of GM Technology by Chinese Smallholders: Evidence from Bt Cotton Production, *AgBioForum*, 2015. 18(1): 55-70.
- 86. Lu, Yonglong, Alan Jenkins, Robert C. Ferrier, Mark Bailey, Iain J. Gordon, Shuai Song, Jikun Huang, Shaofeng Jia, Fusuo Zhang, Xuejun Liu, Zhaozhong Feng, Zhibin Zhang, Addressing China's grand challenge of achieving food security while ensuring environmental sustainability, *Science Advances*, 2015; 1: e1400039.
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V. Policy Report and Policy Briefs

Huang has played important role in advising China's agricultural and rural development policies. Based on his research, Huang has prepared more than 80 policy reports or policy briefs since 2001, most of them have been submitted to the State Council, more than 60 of these policy reports/briefs have been noticed, considered or approved for actions by national leaders.