

## Prof. Dr. Xiaohua YU

### 1. Personal Details

Contact Information: 10.121, Platz der Goettinger Sieben 5, Goettingen, 37073, Germany.  
Email: [xyu@gwdg.de](mailto:xyu@gwdg.de); Tel: +49-(0)551-3919574; +49-(0)551-394883 (Secretary);  
Born: 1979, Jiangsu Province, China  
Languages: Chinese (Native), English (Fluent), Japanese (Fluent), German (Good)

### 2. Research Interests

Agricultural Economics, Machine Learning, Economic History

### 3. Education

9/1997-7/2001 Bachelor, Renmin University of China, Beijing, China  
4/2003-3/2005 MSc., Kyoto University, Kyoto, Japan  
8/2005-5/2009 Ph.D., The Pennsylvania State University, The United States.

### 4. Employment

2/2014-	Chair Professor of Agricultural Economics in Developing and Transition Countries, Department of Agricultural Economics and Rural Development, University of Göttingen.
4/2023-3/2025	Director, Department of Agricultural Economics and Rural Development, University of Göttingen.
10/2022-3/2023	Visiting Scholar, Dyson School of Applied Economics and Management, Cornell University
10/2022-3/2023	Junior Professor, Courant Research Centre "Poverty, Equity, and Growth", University of Göttingen.

### 5. Journal Editorial Services

2020-	Associate Editor, <i>China Economic Review</i> .
2020-	Associate Editor, <i>Q-Open</i> .
2012-2021	Associate Editor, <i>Agricultural Economics</i>
2019-	Editorial Board, <i>Agricultural and Food Security</i>
2017-	Editorial Board, <i>Agricultural and Resource Economics Review</i> .
2015-	Editorial Board, <i>Journal of Integrative Agriculture</i>
2012-	Editorial Advisory Board Member, <i>China Agricultural Economic Review</i>
2025-2030	Founding Associate Editor. <i>Agricultural Environment and Sustainability</i>
	Guest Editor, <i>International Food and Agribusiness Management Review</i> , Special Issue vol.28(2) <b>"Machine Learning in Economics and Agribusiness: Emerging Applications and Integration with Traditional Methods"</b> .
2025	
	Guest Editor, <i>China Agricultural Economic Review</i> , Special Issue vol.15(2) <b>"Prediction, Pattern Recognition and Machine Learning in Agricultural Economics"</b>
2023	
	Guest Editor, <i>China Economic Review</i> , Special Issue <b>"Sustainable Food Consumption in China"</b> (2020. Vol. 59 )
2020	

2015 Guest Editor, *Journal of Integrative Agriculture*, Special Issue "**Meat Consumption in China**" (2015, Issue 6)

## 6. Other Academic Appoints

2015 Leading Consultant, Forum for Agriculture Research in Africa (FARA)  
 2016- Project Professor, Kyoto University, Japan  
 2016-2021 Guest Professor, Zhejiang University, China  
 2019- Guest Research Fellow, Yangtze Industrial Economic Research Institute, Nanjing University, China  
 2021- Guest Professor, Huazhong Agricultural University, China  
 2023- Member, Scientific Advisory Board, The Leibniz Institute of Agricultural Development in Transition Economies, Germany

## 7. Media & Columnist

Interviewed or featured by many international medias, including *The Washington Post*, *Voice of American*, *Fortune*, *South China Morning Post*, *China Daily*, *The Straits Times*, *Suederdeutsche Zeitung*.

Columnists for [Caixin Media \(财新网专栏作家\)](#), (a Leading Chinese Financial and Economic Media ), and the Southern Metropolis Daily (南方都市报专栏作家), China.

## 8. Selected Publications

i. Peer Reviewed English Journals.

- 1) Wang H. , W. Huang, **X. Yu**, 2026, Machine Learning in Cropland Dynamics: Evidence from China. Forthcoming in *Land Use Policy*. <https://doi.org/10.1016/j.landusepol.2025.107856>.
- 2) Gerlach S., **X. Yu**, J.H. Feil, 2026. „Success factors of agrifood start-ups – perspectives from machine learning“, forthcoming in *Agricultural and Food Economics*.
- 3) Yi S., Y. Wang, Z. Yu, **X. Yu**, 2026, “Revealing coastal resilience in China: Spatiotemporal dynamics, regional inequality, and structural drivers”. *Journal of Sea Research*, Journal of Sea Research. Vol. 209, January 2026, 102663. <https://doi.org/10.1016/j.seares.2025.102663>
- 4) Li C., J. Li, X. Xu, **X. Yu**, and L Zhang, 2026, The Spatial Mobility of Rural Labor Faces the Environmental Injustice of Air Pollution, *Cities*, 171. 106796. <https://doi.org/10.1016/j.cities.2026.106796>
- 5) Ölkens T., S. Liu, O. Musshoff, **X. Yu**, 2026, A Spatial Perspective on the Impact of Official Development Assistance on Sustainable Development Goals. Forthcoming in **Scientific Reports**.
- 6) Xu X., S. Liu, Z. Zhou, Y. Xu, Y. Xue, Z. Xu, X. Hu, **X. Yu**, L. Zhang, 2025, Ecological farm typology and comparison in China: An unsupervised machine learning approach, *Ecological Indicators*, Volume 182, 2026,114560, <https://doi.org/10.1016/j.ecolind.2025.114560>
- 7) Maruejols L., Wehner J., Hoeschle L., X. Yu, 2025, Gravity With Lasso: Global Cereal Trade With Factors of Conflicts, COVID-19, Currency, China, Climate Change and Income (‘6C’), *The World Economy*. <https://doi.org/10.1111/twec.70033>
- 8) Wang F., **X. Yu**, 2025, Climate and Household Food Waste in China, *Food Policy*, Vol. 135, 102933. <https://doi.org/10.1016/j.foodpol.2025.102933>
- 9) Stork S., W. Lorleberg, B. Poelling, **X. Yu** and J.H. Feil, 2025, Towards better tailored new entrant support in European agriculture: Analysing the differences between family successors and newcomers. *Journal of Rural Studies*, <https://doi.org/10.1016/j.jrurstud.2025.103787>.

- 10) Liu S., J. Wehner, J.H. Feil and **X. Yu**, 2025, Harmony, Conflict, and Evolution of the Common Agricultural Policy in Europe: A Text Mining Survey. *Modern Agriculture*. <https://doi.org/10.1002/moda.70020> .
- 11) Mao R., Gan Y. and **Yu X.** 2025, Social network analysis in agricultural economics: progress, challenges, and prospects of an integrated methodology. *China Agricultural Economic Review*. <https://doi.org/10.1108/CAER-11-2024-0417>
- 12) Meister S. **X. Yu** (2025) Forecasting Egg Price Inflation in Germany with Machine Learning: A Comparative Study with ARIMAX and LSTM. *Qopen*. <https://doi.org/10.1093/qopen/qaaf015>
- 13) Höschle, L., Maruejols, L., and **Yu, X.** (2025) The impact of energy justice on local economic outcomes: Evidence from the bioenergy village program in Germany, *Energy Economics*. <https://doi.org/10.1016/j.eneco.2025.108432>
- 14) Zhao L., S. Min, X. Wang, and **X. Yu.** (2025) Unintended effect of refrigerator usage on household food waste: Evidence from rural China. *Resources, Conservation and Recycling*. Vol. 219. <https://doi.org/10.1016/j.resconrec.2025.108274>
- 15) Zhu X. and **X. Yu** (2025) "Food inflation and macroeconomic dynamics in the US: Evidence from an estimated DSGE model", *Financial Research Letters*. Vol.75 April 2025, 106895. <https://doi.org/10.1016/j.frl.2025.106895>
- 16) Li Y., and **X. Yu** (2025) Attribute Non-Attendance in the Choice Experiment with Machine Learning: WTP for Organic Apples in Germany. Forthcoming in *International Food and Agribusiness Management Review*, <https://doi.org/10.22434/IFAMR.1133>.
- 17) Zhong X. and **X. Yu** (2025) Who Buy Food Products from Online Influencers? Predictions with Machine Learning. Forthcoming in *International Food and Agribusiness Management Review*, <https://doi.org/10.22434/IFAMR.1130>
- 18) Li Chang., Xiangbo Xu, Weidong Wang, **X. Yu**, Jianghao Wang, Simon Meister, Linxiu Zhang. (2025) The attraction effect of cleaning air on migrants in China: A comparative analysis with the contribution of wage and house prices. *iscience*. Volume 28, Issue 1, 17 January 2025, 111532. <https://doi.org/10.1016/j.isci.2024.111532>
- 19) Hoeschle L., Shuang Liu, X. Yu (2025) "Let the Poor Talk about "Poverty": Revisiting Poverty Alleviation in Rural China with Machine Learning", *Public Policy & Poverty*. <https://doi.org/10.1002/pop4.7000>
- 20) Maruejols L., Hoeschle L. and X. Yu (2025) Energy Independence, Rural Sustainability and Potential of "Bioenergy Village" in Germany: Machine Learning Perspectives. Forthcoming in *International Food and Agribusiness Management Review*. <https://doi.org/10.22434/ifamr1132>.
- 21) Ölkers Tim, Liu S., X. Yu, O. Musshoff (2024) Patterns and Heterogeneity in Credit Repayment Performance: Evidence from Malian Farmers. *Applied Economics Perspectives and Policy*. <https://doi.org/10.1002/aepp.13484>
- 22) Wang H., J. Han, X. Yu (2024) Who performs better? The heterogeneity of grain production eco-efficiency: Evidence from unsupervised machine learning. *Environmental Impact Assessment Review* 106, 107530. <https://doi.org/10.1016/j.eiar.2024.107530>
- 23) Meng M., Yu L., and X. Yu (2024) "Machinery Structure, Machinery Subsidies and Agricultural Productivity: Evidence from China". *Agricultural Economics*. Vo. 55(2):223-246.

- 24) Ma Y., B. Bruemmer, and X. Yu (2024) "Measuring and decomposing TFP incorporating environmental components: applications for rice farmers in Hubei Province, China", *Cogent Food & Agriculture*, Vol. 10(1)
- 25) Zhong X., S. Zhou and X. Yu (2023) Land market misallocation, regional integration, and economic growth: Evidence from the Yangtze River Delta Region, China. *Public Administration and Development*. <https://doi.org/10.1002/pad.2033>
- 26) Wehner J. & X. Yu (2023). "Carbon tax on milk products and the exact consumer welfare measure in emerging economies," *Agribusiness*, Vol. 39(S1):1595-1623, December.
- 27) Zhang X., L. Hu, and X. Yu (2023) Farmland Leasing, misallocation Reduction, and agricultural total factor Productivity: Insights from rice production in China. *Food Policy*, Vol. 119, 102518
- 28) Kang N., L. Alita, X. Yu and M. Liu (2023), Valuing the plant species diversity of permanent grasslands: From the perspective of herders. *Journal of Environmental Management*. Vol. 345(1), November 2023, 118797.
- 29) Wang H. , X. Yu (2023) "Carbon Dioxide Emission Typology and Policy Implications: Evidence from Machine Learning". *China Economic Review*. [Volume 78](https://doi.org/10.1016/j.eiar.2024.107530), April 2023, 101941. <https://doi.org/10.1016/j.eiar.2024.107530>
- 30) Wang X., Wang J. and **X. Yu** (2023), Shocks, Cycles and Adjustments: The Case of China's Hog Market under External Shocks. *Agribusiness*: 39 (3), 703-726.
- 31) Ma Y., B. Bruemmer, and X. Yu (2023) Trade development and agricultural productivity change: Evidence from China. *World Economy*. Vol. 46(10): 3136-3153.
- 32) Wang H., J. F. Feil and **X. Yu** (2023) Let the Data Speak about the Cut-off Values for Multidimensional Index: Classification of Human Development Index with Machine Learning. *Socio-economic Planning Sciences*. [Volume 87, Part A](https://doi.org/10.1016/j.seps.2023.101523), June 2023, 101523. <https://doi.org/10.1016/j.seps.2023.101523>
- 33) Zhong X., Wang J. and **X. Yu** (2023) Internet Celebrities, Public Opinions and Food System Change in China: A New Conceptual Framework. *International Food and Agribusiness Management Review*: 26 (3)- Pages: 467 – 487. <https://doi.org/10.22434/IFAMR2022.0062>
- 34) Ding Y., S. Min, X. Wang, **X. Yu** (2022) Memory of famine: The persistent impact of famine experience on food waste behavior. *China Economic Review* 73, 101795.
- 35) Maruejols L., L. Hoeschle, **X. Yu** (2022) Vietnam between economic growth and ethnic divergence: A LASSO examination of income-mediated energy consumption. *Energy Economics*. 106222.
- 36) Chen Y., S. Fan, C. Liu and **X. Yu** (2022) Is there a tradeoff between nature reserves and grain production in China? *Land Use Policy*. 106285
- 37) Liu C., Zhou L., Hoeschle L. And **X. Yu** (2023), Food Price Dynamics and Regional Clusters: Machine Learning Analysis of Egg Prices in China. *China Agricultural Economic Review*. Vol. 15 No. 2, pp. 416-432.
- 38) Koemle D., T. Dao, **X. Yu** and R. Arlinghaus (2023) Subsidies, temporary laying-up, and efficiency in a coastal commercial fishery. *Marine Resource Economics*. Vol. 38(2)

- 39) Yang D., Z. Liu, X. Wang, Tang Y. and **X.Yu** (2023) How Has the New Round of Farmland Certification in China Affected Farmers' Economic Welfare?, *International Food and Agribusiness Management Review*.Vol. 26(2):287-308/
- 40) Chen X., C Liu, **X. Yu**(2022) Urbanization, Economic Development, and Ecological Environment: Evidence from Provincial Panel Data in China. *Sustainability* 14 (3), 1124
- 41) Wang J., **X Yu**, K Lyu, JH Feil (2022) The Impact of Mobile Finance Use on Livelihoods of Farmers in Rural China. *Emerging Markets Finance and Trade*, Vol. 58(10):2867-2879.
- 42) Graskemper V., **X. Yu** and Jan-Henning Feil (2022) Values of Farmers-Evidence from Germany, *Journal of Rural Studies*. Vo. 89:13-24.
- 43) Wang H., L. Maruejols, and **X.Yu** (2021) Predicting energy poverty with combinations of remote-sensing and socioeconomic survey data in India: Evidence from machine learning. *Energy Economics*. Vol. 102, 105510. <https://doi.org/10.1016/j.eneco.2021.105510>
- 44) Chen Y. and X. **Yu** (2021) Estimating Market Power &gt; for Chinese Fluid Milk Market with Imported Products. *Agribusiness*. 38 (2), 386-401.
- 45) Wang H., Wang J. and **X. Yu** (2022). Wastewater Irrigation and Crop Yield: A Meta-analysis. *Journal of Integrative Agriculture*. 21 (4), 1215-1224
- 46) Graskemper V., **X. Yu** and Jan-Henning Feil (2021). Farmer Typology and Implications for Policy Design – an Unsupervised Machine Learning Approach. *Land Use Policy*. Volume 103, April 2021, 105328.
- 47) Mao R. M. Xing, and **X. Yu** (2021), Quality Response to Real Exchange Rate Shocks: A Panel SVAR Analysis on China's Agricultural Exports." *Agricultural Economics*. Vol. 52(5): 719-731.
- 48) Zhang, X, and **X. Yu** (2021) Short supply chain participation, and agrochemicals' use intensity and efficiency: evidence from vegetable farms in China. *China Agricultural Economic Review*. Vol. 13 (4): 721-735. <https://doi.org/10.1108/CAER-05-2020-0108>
- 49) Graskemper V., **X. Yu** and Jan-Henning Feil (2021), Analyzing Strategic Entrepreneurial Choices in Agriculture – Empirical Evidence from Germany. *Agribusiness*. Vol. 37(3):569-589.
- 50)** Sun F., D. Abler, **X. Yu** (2021), Crop Allocation and Increasing Returns to Fertilizer Use in China. *Land Economics*. Vol. 97(2):491-508. doi: **10.3368/le.97.2.491**
- 51) Wang H., J-F. Feil and **Yu X.** (2021) Disagreement on Sunspots and Soybeans Future Price, *Economic Modelling*. Vol. 95:385-393
- 52) Lu Z., Bao T. and **X. Yu**.(2020) Gender and Bubbles in Experimental Markets with Positive and Negative Expectation Feedback. *Computational Economics*.Vol.57:1307-1326.
- 53) Luo H. and **X. Yu**(2022) National Day Holiday and Weight Gain in China: Evidence from the CHNS Surveys. *Applied Economics Letters*. Vol. 29(2):145-149.
- 54) Min S., X. Wang, **X. Yu** (2021) Does dietary knowledge affect household food waste in the developing economy of China?, *Food Policy*. Volume 98, 101896
- 55) Zhang X., Z. Wang, P. Qing ,D. Koemle &**X. Yu** (2020) Wheat yield convergence and its driving factors in countries along the Belt and Road. *Ecosystem Health and Sustainability*. Vol. 6.1819168. <https://doi.org/10.1080/20964129.2020.1819168>

- 56) Giampietri Elisa, **X. Yu**, Samuele Trestini (2020) The role of trust and perceived barriers on farmer's intention to adopt risk management tools. Forthcoming in *Bio-Based and Applied Economics*. DOI: 10.13128/bae-8416.
- 57) Zhang, Y.; Jin, S.; Zhang, Y.; **Yu, X.**(2020) How country-of-origin influences Chinese consumers' evaluation of imported milk?. *China Agricultural Economic Review*. Vol. 13 No. 1, pp. 150-172. <https://doi.org/10.1108/CAER-06-2019-0103>
- 58) Koemle D. and **X. Yu.**(2020) Choice Experiments in Non-market Value Analysis: Some Methodological Issues. *Forestry Economics Review*. Vol. 2 (1):3-31.
- 59) Zhang X., **X. Yu**, L. You (2020), Does the Granary County Subsidy Program Lead to manipulation of grain production data in China? , *China Economic Review*. Volume 62, August 2020, 101347
- 60) **Yu X.** Liu C. J.H. Feil, and H Wang (2020) The impact of COVID-19 on food prices in China: evidence of four major food products from Beijing, Shandong and Hubei Provinces. *China Agricultural Economic Review*. Vol. 12 No. 3, pp. 445-458.
- 61) **Yu X.**, H. Luo, Wang H., and J-F Feil (2020) Climate Change and Agricultural Trade in Central Asia: Evidence from Kazakhstan. Forthcoming in *Ecosystem Health and Sustainability*. Vol. 6:1766380.
- 62) Wang H., Zhao Q., Y. Bai, L. Zhang and **X.Yu** (2020) Poverty and Subjective Poverty in Rural China, *Social Indicators Research*. **Vol.150**:219–242.
- 63) Zhou S., X. Yu, and D. Koemle (2020) Policy Choices for Air Pollution Abatement in Beijing: Status Quo or Change. *The Singapore Economic Review* 65 (03), 715-736.
- 64) Zhao Q. and **X. Yu** (2020) Nutrition Knowledge, Iron Deficiency and Children Anemia in Rural China, *Journal of Development Studies*. Vol.56(3):578-595.
- 65) Zeng, Q., **X. Yu**, T. Bao (2020) Memory Utility, Food Consumption and Obesity. *China Economic Review*. Vol. 62:101345.
- 66) Zhou D., **X. Yu**, Chen D. and D. Abler (2020) Projecting Meat and Cereals Demand for China Based on a Meta-Analysis of Income Elasticities. *China Economic Review*. Vol. 59,101135.
- 67) Tian X. and **X. Yu** (2019) Crop Yield Gap and Convergence in African Countries. *Food Security*. Vol.11: 1305–1319.
- 68) Zhang X., **X. Yu**, Xu Tian• Xianhui Geng• Yingheng Zhou (2019) Farm Size, Inefficiency and Rice Production Cost in China. *Journal of Productivity Analysis*. vol. 52(1), pages 57-68, December.
- 69) Koemle Dieter, S. Lakner and **X. Yu** (2019) The Impact of Natura 2000 Designation on Agricultural Land Rents in Germany. *Land Use Policy*. Vol. 87, September 2019, 104013
- 70) Zhou J., Yang Z., **Yu X.** and K. Li (2019) Direct Intervention or Indirect Support? The Effects of Cooperative Control Measures on Farmers' Implementation of Quality and Safety Standards. *Food Policy*. Volume 86, 101728
- 71) Zhang X., Qing P., and **X. Yu**, (2019) Short supply chain participation and market performance for vegetable farmers in China, *Australian Journal of Agricultural and Resource Economics*. 63 (2), 282-306.
- 72) Zeng Q. and **X. Yu** (2019) Overweight and Obesity Standards and Subjective Well-Being: Evidence from China, *Economics and Human Biology*. Vol.33: 144-148.

- 73) Chen Y. and **X. Yu** (2019) Do Subsidies Cause a Less Competitive Milk Market in China?. *Agricultural Economics*. **Volume50(3)**:303-314.
- 74) Tian X., F. Yi and **X. Yu** (2019), Rising Cost of Labor and Transformations in Grain Production in China. *China Agricultural Economic Review*. Vol. 12 No. 1, pp. 158-172.
- 75) Sun F. and **X. Yu** (2020) The Cost of Separatism: Economic Consequences of the 1987/1989 Tibetan Unrests. *Defense and Peace Economics*. Vol.31(3), pages 315-340,
- 76) Bao T. and **X. Yu** (2019) Social Norm and Giving with Indivisibility of Money: An Experiment of Selfishness, Equality and Generosity. *Journal of Institutional and Theoretical Economics*. 175 (2): 272-290 (19) DOI [10.1628/jite-2019-0020](https://doi.org/10.1628/jite-2019-0020)
- 77) Mahmood T., **X. Yu** and S. Klasen (2019) Do the Poor really Feel Poor? Comparing Objective Poverty with Subjective Poverty in Pakistan. *Social Indicators Research*. 142(2):543–580
- 78) Gao Z., C. Li and **X. Yu** (2019) The Interaction between Country of Origin and Genetically Modified Orange Juice in Urban China Food Quality and Preference. *Food Quality and Preference*. Vol.71:475-484
- 79) Hasiner E. and **X. Yu** (2019) "When Institutions Matter: A Gravity Model for Chinese Meat Imports." *International Journal of Emerging Markets*. Vol. 14 Issue: 1, pp.231-253,
- 80) Chen, Y. and **X. Yu** (2018), Does the centralized Slaughtering Policy Create Market Power for Pork Industry in China, *China Economic Review*. Vol. 58:59-71.
- 81) Koemle D., Dieter Koemle, Yves Zinngrebe and **X. Yu** (2018), Highway Construction and Wildlife Populations: Evidence from Austria. *Land Use Policy*. Vol.73:447-457 .
- 82) Bao T., Dai Y. and **X. Yu** (2018) Memory and Discounting: Theory and Evidence. *Journal of Economic Dynamics and Control*. Volume 88, March 2018, Pages 21-30 .
- 83) Schwan S. and **X. Yu** (2018) "Social protection as a strategy to address climate-induced migration", *International Journal of Climate Change Strategies and Management*. Vol. 10(1):43-64.
- 84) Zhou J. Tang L. and **X. Yu** (2018) Estimating the average treatment effect of adopting stress tolerant variety on rice yield in China. *Journal of Integrative Agriculture*. Vol. 17(4):940-948.
- 85) **Yu X.** (2018) Engel Curve, Farmer Welfare and Food Consumption in 40 Years of Rural China, *China Agricultural Economic Review*. Vol.10(1):65-77.
- 86) Quan S., Y. Zeng, X. Yu and T. Bao (2018) WTP for Baby Milk Formula in China: Using Attribute Non-Attendance as a priori Information to Select Attributes in Choice Experiment. *Agribusiness: An International Journal*. Volume34, Issue2: Pages 300-320.
- 87) Tian X., **X. Yu** and S. Klasen (2018) Gender Discrimination in China Revisited: A Perspective from Family Welfare. *Journal of Chinese Economic and Business Studies*. Vol. 16(1):95-115.
- 88) Sun F., Dai Y. and **X. Yu** (2017) Air pollution, food production and food security: A review from the perspective of food system. *Journal of Integrative Agriculture* 2017, 16(12): 2945-2962.
- 89) Zhou J., Q. Liu, R. Mao, Xiaohua Yu.(2017) "Habit Spillovers or Induced Awareness: Willingness to Pay for Eco-Labels of Rice in China". *Food Policy*, 71, 2017: 62-73.
- 90) Sun. F., D. Koemle and **X. Yu** (2017) Air pollution and short-run food prices: Evidence from Beijing, China. *Australian Journal of Agricultural and Resource Economics*. Vol. 61(2): 195-210.

- 91) Zhou S. and **X. Yu** (2017) "Regional Heterogeneity of Life Satisfaction in Urban China: Evidence from Hierarchical Ordered Logit Analysis". *Social Indicators Research*. Vol.132(1):25-45. DOI: 10.1007/s11205-016-1377-3.
- 92) Zhang, X.; Chu, F.; **Yu, X.**; Zhou, Y.; Tian, X.; Geng, X.; Yang, J.(2017) Changing Structure and Sustainable Development for China's Hog Sector. *Sustainability* 2017, 9, 69.
- 93) Tian X., and **X. Yu** (2017) "The Quality of Imported Fruits in China". *Emerging Markets Finance & Trade*. DOI:10.1080/1540496X.2016.1179627. Vol.53:1603–1618, 2017
- 94) **Yu, X.** and Shimokawa S. (2016) "Nutrition Impacts of Rising Food Prices in African Countries: A Review". *Food Security*. Vol. 8(5):985-997. DOI: 10.1007/s12571-016-0605-7.
- 95) Giampietri E. , D. Koemle, **X. Yu** and A. Finco (2016) Consumers' Sense of Farmers' Markets: Tasting Sustainability or Just Purchasing Food? *Sustainability* 2016, 8(11), 1157; doi:10.3390/su8111157.
- 96) Hasiner E. and **X. Yu** (2016) " Meat Consumption and Democratic Governance: A Cross National Analysis ", *China Economic Review*. DOI: 10.1016/j.chieco.2016.06.008.
- 97) **Yu. X.**, Z. Gao and S. Shimokawa (2016) "Consumer Preferences for US Beef Products: A Meta-Analysis". *Italian Review of Agricultural Economics* (REA) 2016(2): 177-195.
- 98) **Yu X.** and D. Abler (2016) "Matching Food with Mouths: A Statistical Explanation to the Abnormal Decline of Per Capita Food Consumption in Rural China", *Food Policy*. Vol.63:36-43.
- 99) Zhou D., and **X. Yu** (2016) "Calorie Elasticities with Income Dynamics: Evidence from the Literature", *Applied Economic Perspective and Policy*. Vol.38 (1): 50-72.
- 100) Tian X. , Zhang X., Zhou Y. and **Yu X.** (2016) "Regional Inequality in China revisited: A Perspective of Club Convergence," *Economic Modelling*. Vol. 56:50-58.
- 101) Chen D., D. Abler, D. Zhou, **X. Yu**, and W. Thompson (2016), A Meta-Analysis of Food Demand Elasticities for China, *Applied Economics Perspective and Policy*. Vol. 38(1):5072.
- 102) Tian X.\* and **X. Yu** (2015). Using Semiparametric Models to Study Nutrition Improvement and Dietary Change with Different Indices: The Case of China. *Food Policy*. Vol. 53:67–81
- 103) Zhou D. , **X. Yu** and T. Herzfeld (2015)."Dynamic Food Demand in Urban China". *China Agricultural Economic Review*. Vol.7(1):27-44.
- 104) Zhao Q., **X. Yu**, X. Wang and T. Glauben(2014), "The impact of parental migration on children's school performance in rural China", *China Economic Review*. Vol. 31:43-54.
- 105) **Yu X.**, B. Yan and Z. Gao (2014). Can Willingness-To-Pay Values be Manipulated? Evidences from an Experiment on Organic Food in China, *Agricultural Economics*. 45(S1):119-127.
- 106) **Yu X.** and D. Abler (2014). "Where Have All the Pigs Gone? Inconsistencies in Pork Statistics in China". *China Economic Review*, Vol.30: 469-484.
- 107) **Yu. X.** (2014) "Monetary Easing Policy and Long-Run Food Prices in China", *Economic Modelling*, Vol.40:175-183.
- 108) **Yu X.**, Z. Gao and Y. Zeng (2014). "Willingness to Pay for the 'Green Food' in China." *Food Policy*, Vol. (45):80-87.

- 109) **Yu. X.**(2014) "Raising Food Prices and Welfare Change: A Simple Calibration". *Applied Economics Letters*. Vol. 21(9):643-645.
- 110) Meyer S. and **X. Yu** (2013): "The Impacts of Production Uncertainties on World Food Prices", *China Agricultural Economic Review*. Vol.5(4):459-472.
- 111) Gao Z., **X. Yu** and J. Lee (2013): "Consumer Demand for Healthy Diet: New Evidence from the Healthy Eating Index", *Australian Journal of Agricultural and Resource Economics*, Vol.57(3):301-319.
- 112) Holst R., **Yu. X.** and C. Gruen (2013): "Climate Change, Risk and Grain Yields in China". *Journal of Integrative Agriculture*, Vol. 12(7) 1279-1291.
- 113) Tian X. ,and **X. Yu** (2013): "The Demand for Nutrients in China", *Frontiers of Economics in China*. Vol.8(2):186-206.
- 114) Bu M., Z. Liu, M. Wagner and **X. Yu** (2013): "Corporate Social Responsibility and the Pollution Haven Hypothesis: Evidence from Multinationals' Investment Decision in China", *Asia-Pacific Journal of Accounting & Economics*. Vol 20(1):85-99.
- 115) Li Z., **X. Yu**, Y. Zeng and R. Holst (2012): "Estimating Transport Costs and Trade Barriers in China: Direct Evidence from Chinese Agricultural Traders", *China Economic Review*, Vol.23(4):1003-1010.
- 116) Tian X. and **X. Yu** (2012): "The Enigmas of TFP in China: A Meta-Analysis", *China Economic Review*. Vol. 23(2): 396-14.
- 117) **Yu X.** (2012): "Productivity, Efficiency and Structural Problems in Chinese Dairy Farms", *China Agricultural Economic Review*, Vol.4 (2): 168-175.
- 118) Ji Y., **X. Yu**, and F. Zhong (2012): "Machinery Investment Decision and Off-Farm Employment in Rural China". *China Economic Review*. Vol.23(1):71-80.
- 119) Gao Z., L. House and **X. Yu** (2010): "Using Choice Experiment to Estimate Consumer Valuation: the Role of Experiment Design and Attribute Information Loads", *Agricultural Economics*, Vol. 41 (6):555-565.
- 120) **Yu X.** and Z. Gao (2010): "An Updated Ranking of the Economic Research Institutions in China (2000-2009)", *China Economic Review*, Vol. 21(4):571-581.
- 121) Gao Z., T. Schroeder and **X. Yu** (2010): "Consumer Willingness-to-Pay for Cue Attribute: the Value beyond its Own", *Journal of International Food and Agribusiness Marketing*, Vol.22(1):108-124.
- 122) **Yu X.** and David Abler (2010): "Incorporating Zero and Missing Responses into CVM with Open-Ended Bidding: Willingness to Pay for Blue Skies in Beijing", *Environment and Development Economics*, Vol.15:535-556.
- 123) **Yu X.** and D. Abler (2010): "Interactions between Cigarette and Alcohol Consumption in Rural China", *European Journal of Health Economics*. Vol. (11):151–160.
- 124) **Yu X.** and G. Zhao (2009): "Chinese Agricultural Development in 30 Years: A Literature Review", *Frontiers of Economics in China*, Vol.4 (4):633-648.
- 125) **Yu X.** and D. Abler (2009): "The Demand for Food Quality in Rural China", *American Journal of Agricultural Economics*, Vol. 91(1): 57-69.

### **i. Book Chapter**

- 126) Bu M., Z Liu, M Wagner, X Yu (2014) Corporate Social Responsibility and the Pollution Haven Hypothesis: Evidence from Multinationals' Investment Decision in China. Globalization and the Environment of China (Edited by Bu and Yang). Emerald , UK. (Reprint of Bu et al. 2013)
- 127) Yu, X. (2022) The Political Economy of Anti-Food-Waste in China: From Anti-Corruption to Enhancing Food Security, Chapter 11 in *Food Loss and Waste Policy From Theory to Practice* (edited by S. Busseti and N. Pace), Routledge.

### **ii. Book Review and Editorial**

- 128) Maruejols, L., Yu, X., & Chenarides, L. (2025). Machine learning in applied economics and agribusiness: emerging applications and integration with traditional methods. *International Food and Agribusiness Management Review* (published online ahead of print 2025). <https://doi.org/10.22434/ifamr.0001>
- 129) Yu X. and L. Maruejols. Prediction, pattern recognition and machine learning in agricultural economics. *China Agricultural Economic Review*, 2023. Vol. 15(2):375-378.
- 130) Yu. X., D. Abler and S. Shimokawa, Introduction to the Special Issue on „Sustainable Food Consumption in China“, *China Economic Review*, 2018.
- 131) Yu X. (2015), Meat consumption in China and its impact on international food security: Status quo, trends, and policies, *Journal of Integrative Agriculture*. Vol. 14(6):989-994.
- 132) Yu X. (2015), Book Review for Zhang-Yue Zhou, Hongbo Liu and Lijuan Cao (2014): Food Consumption in China: The revolution Continues. Cheltenham, Glos, UK: Edward Elgar Publishing, 200 pages. ISBN: 978-1-78254-919-2. *Quarterly Journal of International Agriculture* 54 (2015), No. 2: 215-217.

### **iii. Peer Review Articles in Chinese and Japanese Journals**

- 133) 钟晓萍、于晓华（2025）“十五五”时期推进城乡融合：四重循环与实践进路，《经济理论与经济管理》，2025（8）：1-14.
- 134) 孟盟、杨皓森、于晓华（2025）中国特色减贫道路：国际比较与经验总结。《湖北农业科学》，2024，63（11）：208-215.
- 135) 于晓华，刘爽（2024）“没有免费午餐定理”与农业政策研究中的算法选择：以机器学习预测生猪价格变动为例。《农业经济问题》2024（5）：20-32.
- 136) 于晓华、钟晓萍（2024）全球化、智能化与不平等：走向共同富裕的无条件基本收入政策探析。《江南大学学报（人文社会科学版）》2024年第1期23-36.
- 137) 刘畅，于晓华（2023）农业转型和乡村振兴背景下的乡村“再野化”：生态系统服务视角的分析。《中国农村经济》，2023（04）：50-67.
- 138) 于晓华，刘畅，曾起艳（2023）百年农民营养与福利变化：测度与政策。《农业经济问题》，2023（05）：100-113.
- 139) 钟晓萍，于晓华（2023）中国式现代化道路下的农业发展逻辑、路径与政策选择。《学习与探索》，2023（01）：144-152.

- 140) 刘畅, 于晓华 (2023) 农业转型和乡村振兴背景下的乡村“再野化”: 生态系统服务视角的分析。《中国农村经济》, 2023 (04) 50-67.
- 141) 于晓华, 喻智健, 郑适 (2022) 风险、信任与消费者购买意愿恢复——以新发地疫情食品谣言事件为例。《农业技术经济》, 4-18.
- 142) 陈秧分, 王介勇, 张凤荣, 刘彦随, 成升魁, 朱晶, 司伟, 樊胜根, 顾善松, 胡冰川, 李先德, 于晓华. (2021) 全球化与粮食安全新格局. 《自然资源学报》. 2021, 36 (06): 1362-1380.
- 143) 钟晓萍, 于晓华 (2022) 财产还是生产资料?——土地经济属性与农地制度改革路径。内蒙古社会科学. Vol. 43 (1): 137-146.
- 144) 葛章明, 王晓兵, 于晓华, 闵师. (2022) 选举参与、公共投资与农村生活用水体系. 《农业技术经济》 125-144.
- 145) 于晓华, 刘畅, 张国政: 中国-巴基斯坦大米贸易、市场整合与虚拟资源。《自然资源学报》, 2021 年。
- 146) 于晓华; 陈晓福; 宋玉兰: 农业政策向可持续食物政策的转型与公平“食物环境”的创造: 德国的设想, 《江南大学学报 (社科版)》2021。
- 147) 于晓华, 黄莹莹, 王汉杰: 国内大循环新格局下农业农村发展的目标再定位与战略选择。《华中农业大学学报 (社科版)》。2021 年。
- 148) 王汉杰, 刘畅, 于晓华: 长三角一体化背景下的城乡统一建设用地市场: 理论逻辑、现实困境与推进路径。《中国软科学》, 2021 年第一期。
- 149) 钟晓萍, 于晓华: 长三角区域一体化背景下城乡建设用地增减挂钩政策的创新与完善。《南通大学学报》。2021 年第一期。
- 150) 于晓华, 钟晓萍: 马克思产权理论视点下的地权属性研究。《江南大学学报》 Vol. 19 (4): 49-55, 2020 年 8 月。
- 151) 钟晓萍, 于晓华、唐忠, 地权的阶级属性与“三权分置”制度演化: 一个演化经济学的分析框架, 《农业经济问题》。2020 年
- 152) 于晓华, 制定共同农业政策推动长三角经济一体化: 欧洲共同农业政策的启示。《经济研究参考》, 2019 (22): 5-8.
- 153) 曹建民、赵立夫、刘森挥、于晓华, 农牧业生产方式转变及其影响因素研究——利用有限混合模型对中国肉牛养殖方式转变的实证分析, 《中国农村经济》2019 (11): 69-82.
- 154) 于晓华、钟晓萍、张越杰, 农村土地政策改革与城乡融合发展——基于中央“一号文件”的政策分析。《吉林大学社会科学学报》, 2019 (5): pp. 150-162。
- 155) 于晓华、唐忠, 包特, 机器学习和农业政策研究范式的革新。《农业技术经济》, 2019 (2)。
- 156) 于晓华: 以市场促进农业发展: 改革开放 40 年的经验和教训, 《农业经济问题》 2018 (10) pp. 10-15。
- 157) 钞贺森; 田旭; 于晓华. 肉类消费结构、饲料安全和粮食安全——农业“供给侧改革”的一个参照系. < 农业现代化研究 > 2017 (05) pp. 3-11。
- 158) 于晓华, 武宗励, 周洁红. (2017) 欧盟农业改革对中国的启示: 国际粮食价格长期波动和国内农业补贴政策的关系。《中国农村经济》, 2017 年第二期: 84-96 页。
- 159) 全世文, 于晓华, 曾寅初, (2017) 我国消费者对奶粉产地偏好研究——基于选择实验和显示偏好数据的对比分析。《农业技术经济》, 2017 年第一期: 52-66 页。
- 160) 全世文, 于晓华. 中国农业政策体系及其国际竞争力。《改革》, 2016 年第 11 期: 130-138. (《新华文摘》全文转载)。

- 161) 田旭, 于晓华, 张晓恒。中国粮食生产潜能分析: 一个基于“俱乐部收敛”的视点。《浙江大学学报, 人文社科版》。2016 年第 8 期。
- 162) 于晓华, 郭沛“农业经济学科危机及未来发展之路”。《中国农村经济》。2015 年第 8 期, 89- 97。
- 163) 于晓华, 魏昊, “垄断性国有企业不需要也不能实行私有化。” 《红旗文稿》。2015 年第 8 期, 18-20 页。
- 164) 于晓华, “如何正确运用计量经济模型进行实证分析——实证分析中的数据、模型与参数”。《农业技术经济》。2014 年第 7 期: 4-16。
- 165) 于晓华, “转基因食品争议的几个焦点”。《经济资料译丛》。2014 年。
- 166) 严斌剑, 周应恒, 于晓华, “中国农村人均家庭收入流动性研究: 1986-2010”。《经济学季刊》, 2014 年第 13 卷第 3 期: 939-969。
- 167) 于晓华, 钟甫宁, Bruemmer Bernhard, “如何保障中国粮食安全?”, 《农业技术经济》, 2012 年第 2 期。
- 168) 全世文, 曾寅初, 刘媛媛, 于晓华: “食品安全事件后的消费者购买行为恢复——以三聚氰胺事件为例.” , 《农业技术经济》, 2011 年第 7 期: 4-15。
- 169) 于晓华, 赵国庆, “中国农业增长研究述评“, 《经济理论与经济管理》, 2009 年第 4 期: 68 - 74。
- 170) 曾寅初, 刘媛媛, 于晓华, “分层模型在食品安全支付意愿研究中的应用——以北京市消费者对月饼添加剂支付意愿的调查为例”, 《农业技术经济》, 2008 年第 1 期, 80 - 90。
- 171) 赵国庆, 于晓华, 曾寅初, “通货膨胀预期与 Granger 因果性研究”, 《数量经济与技术经济研究》, 2008 年第 25 卷第 4 期: 29 - 39。
- 172) 于晓华, “中国研究机构发表经济学英文论文的一个统计研究 (1998 - 2007)”, 《经济季刊》, 2008 年第 7 卷第 4 期: 1477 - 1490。
- 173) Yu, Xiaohua, “中国の米輸入はどこまで進むか?” 、〈農業と経済〉2016 (11): 70 - 77.

#### 翻译

- 174) 速水优次郎, 神门善九, 2005, 《农业经济论》, 中国农业出版社。(沈金虎, 于晓华等译)。

#### 著作章节

- 175) 于晓华等, 2005, 城乡统一土地市场制度的创新。《长三角一体化发展的体制机制研究》(刘志彪、江静等编), 第八章, 中国人民大学出版社。

#### 中文专著

- 176) 于晓华《危机、改革与崩溃: 元明清七百年的金融秩序》, 中信出版社, 2025年6月。(入选: “财资一家” 2025 年度好书奖, “搜狐文化” 2025 年度好书, 《财金》杂志阅读汇 2025 好书等) (Crisis, Reform, and Collapse, Financial Order of 700 Years in Yuan, Ming and Qing Dynasties, CITIC Press Group, 2025 )

- 177) 于晓华 《1820 年》，中信出版社，2026 年（待版）（The Year of 1820, Financial Order and the Great Divergence, CITIC Press Group 2026.）

## **9. Funding**

“Transformation of Global Agri-Food Systems”, DFG Research Training Group (GRK1666), Apr. 2011-Mar.2020), Principal Investigator.

“Chinese Food Security and International Trade” (Symposium), Sino-German Science Centre, (GZ 720), €33,202, August 2011.

“ Farmers, Market and Governance in Dynamic Rural China”, Lindemann Stiftung, €14,000, 2014. Principal Investigator.

“Food Safety and Risk Communication of Consumers in China”, Natural Science Foundation of China (Key Project: 71633005), Jan. 2017-Dec. 2021. Co-PI.

“Promoting Resilience and Food Security through Climate-based Risk-Contingent Credit (RCC) in Africa” (BMZ project), 2020-2021. Co-PI.

“Sustainable Food System”, DFG Research Training Group (GRK2654), Apr. 2021-Oct.2025), Principal Investigator.

## **10. University and Professional Services**

Faculty Council Member, Faculty of Agricultural Sciences, University of Göttingen (2017- )

President, Chinese Economic Association (UK/Europe) (2023-2024)

Faculty Habilitation Committee (2015- ), Faculty of Agricultural Sciences, University of Göttingen

Faculty Structural Committee (2023-2025), Faculty of Agricultural Sciences, University of Göttingen

Executive Board Member, Center for Modern East Asian Studies, University of Göttingen (2016- )

Director, Master Program “Sustainable International Agriculture”, University of Göttingen (2016- )

Co-Chair, Award Committee, China Session, Agricultural and Applied Economics Association (AAEA) (2010-2014)

## **11. Selected Awards or Honors**

*2021-2025, World Top 2% Citation scholar, Stanford University and Elsevier.*

*2023, Best Poster in Annual Meeting of the German Association of Agricultural Economists (GEWISOLA)*

*2019 Ranked by Handelsblatt.de in 44 of top 100 Economists under 40 in German-speaking areas.*

*2017 Highly Cited Paper in China Agricultural Economic Review.*

2017 Best Paper Award in CAER-IFPRI Annual Conference in Beijing.

2013 Offered a Chair of Economics and Business Studies in East Asia (W3), Mercator School of Management, Duisburg-Essen University.

## **12. Teaching**

Causal Machine Learning

Machine Learning in Food Economics and Agribusiness (Winter Semester)

Mathematical Economics for Agricultural Economists (Winter Semester)

China Economics Development (Winter Semester)

Applied Microeconometrics (Summer Semester)

Consumer Behavior and Demand Analysis: Theory and Applications (Summer Semester)

Consumer Economics: Theory and Application for Valuing Non-Market Goods (Summer Semester)

Demographical Economics

Nutritional Economics

## **13. PhD supervision (only listed as the first supervisor)**

Current PhD students: Hybride Dehou, Afaq Ali Muluk, Chang Liu, Muhammad Ishfaq Khan, Simon Meister, Xiaoyu Liu, Zhijian Yu, Fei Wang, Xuemei Zhao

- 1) Yi Li (2021-2025): Food Consumption and Malnutrition: Machine Learning Applications and Agricultural Trade Analysis.
- 2) Lisa Hoeschle (2021-2025): Applications of Machine Learning in Agricultural Economics- Essays on Food System Analysis. First Appointment: Postdoctor, Sweden Agricultural University
- 3) Xiaoke Zhu (2021-2025): Sustainable Agri-Food Systems: Climate Change, Food Prices and Macro Dynamic. First Appointment: Northwestern A&F University.
- 4) Shuang Liu (2021-2025) : Agricultural Sustainable Development: Technological Adoption and Climate Change. First Appointment: Assistant Professor, Renmin University of China.
- 5) Jasmin Wehner (2021-2024): Climate Change Adaptation and Market Power in the Dairy Sector. First Appointment: Postdoctor, Cornell University
- 6) Susanne Schwan (2015-2024): Analysing the Effects of Social Protection Policies on Climate Change Adaptation, Food and Nutrition Security. Appointment: GIZ.
- 7) Lucie Maruejols (2019-2022): Economic Implications of Changing Household Management of Basic Needs for Poverty alleviation and Sustainability Policy, an Illustration of Food and Energy. First appointment: Junior Professor, University of Kiel, Germany

- 8) Yingying Huang (2018-2022): Essays on the Dietary Pattern and Consumer Preference for Sustainable Food. First appointment: Lecturer, Nanjing University of Finance and Economics, China
- 9) Dr. Hengrong Luo (2017-2021): Essays on Holiday Weight Gain, Meat Consumption and Dietary Structure, and Nutritional Outcome of Food Facility in China. First appointment: Lecturer, Yibin University, China
- 10) Dr. Hanjie Wang (2018-2020): Sustainable Development: Rural Poverty and Climate Change in Agriculture. First appointment: Research Fellow, Southwest University, China
- 11) Dr. Duc Tri Tran (2015-2018) *Technical Efficiency, Technical Change and return to scale of rice, maize and agri-cultural production in Vietnam*. First appointment: Lecturer, Vietnam National University of Agriculture.
- 12) Dr. Eva Hasiner (2014-2019): Income inequality in emerging countries: agricultural and non-agricultural income sources. First appointment: young professionals program, World Bank
- 13) Dr. Yuquan Chen (2017 – 2019): Industrial Policy, Market Structure and Market Power in Agribusinesses of China. First appointment: Assistant Professor, College of Economics and Management, China Agricultural University, Beijing, China
- 14) Dr. Feifei Sun (2014 – 2018): Essays on Economic Returns to Fertilizer, Market Structure of Milk Industry, and Air Pollution and Food Security in China. First appointment: Assistant Professor, College of Management, Nanjing University of Information Science & Technology, China
- 15) Dr. Farah Wulandari Pangestuty (2014 – 2018): Essays on Indonesian Undernutrition Vulnerability and Domestic Asymmetric Rice Price Transmission with the World. First appointment: Lecturer, Faculty of Economics and Business, Brawijaya University, Indonesia
- 16) Dr. Tahir Mahmood (2014 – 2018): Essays on Comparing Poverty Measures, Gender Differences in Subjective Well-being, Food Insecurity and Malnutrition in Pakistan. First appointment: Assistant Professor, Abdul Wali Khan University Mardan, Pakistan.
- 17) Dr. Dieter Koemle (2014 – 2018): The Impact of agri-environmental policy and infrastructure on wildlife and land prices. First appointment: Postdoc, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany
- 18) Dr. Christoph Steffen (2014 – 2017): Food quality and dynamic food demand: latent variable approaches. Current position: Unknown
- 19) Dr. De Zhou (2011 – 2014): Dynamic food demand in China and international nutrition transition. First appointment: Associate Professor, Nanjing Agricultural University
- 20) Dr. Qiran Zhao(2010-2014) (IAMO, co-supervisor):Essays on education and pension policies in rural China. First appointment: Lecturer, China Agricultural University, China.
- 21) Dr. Xu Tian (2009-2013): Economic Development, Nutrition Transition and Gender Discrimination in China. First appointment: Associate Professor, Nanjing Agricultural University, China
- 22) Dr. Rainer Holst(2009-2013): Climate Change, Risk and productivity: Analyses of Chinese Agriculture. First appointment: Consultant, Transfer Pricing, Deloitte.

23) Dr. Stefan Meyer (2009-2013): Estimation of the Long Run Food Price Equilibrium in Germany, the U.S. and Europe. First appointment: Associate Research Fellow, IFPRI.