

Curriculum vitae

Yaoqi Zhang, Ph.D.

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EDUCATION

| | | |
|-------|---|------|
| Ph.D. | Forest Economics University of Helsinki, Finland | 2001 |
| M.S. | Agriculture Beijing Forestry University/Chinese Academy of Forestry, China | 1990 |
| B.A. | Economics Fujian Agriculture and Forestry University, Fujian, China | 1986 |

WORK EXPERIENCE

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|---|-----------------|
| School of Forestry and Wildlife Sciences, Auburn University | 05/2003–present |
| Assistant/Associate Professor/Professor | |
| Department of Rural Economy, University of Alberta | 07/2001–04/2003 |
| Post-doc/research associate | |
| Faculty of Forestry, University of Toronto | 01/2001–06/2001 |
| Post-doc/research associate | |

TEACHING

Land Economics, Ecological Economics, Natural Resource Policy, Forest Economics, International Forestry

AWARDS: Auburn University Alumni Professorship in 2019

REFEREED ARTICLES AND BOOK CHAPTERS

1. **Articles (Refereed Journals since 2019)**
- 1) Ulucak, R., Danish, Zhang, Y., Chen, R., Qiu, Y. 2024. Income inequality, economic complexity, and renewable energy impacts in consumption-based carbon emissions. *Evaluation Review* 48 (1), 119-142
- 2) Wang, L., Liu, X., Xin, X., Wu, S., Legesse, T.G., Zhang, Y., Liu, Y., Zhao, Z., Shao, C. 2024. The greenhouse gas emissions from meat sheep production contribute double of household consumption in a Eurasian meadow steppe. *Science of The Total Environment* 920. <https://doi.org/10.1016/j.scitotenv.2024.171014>.
- 3) Diniz, C., Smidt, M., Cooper, J., Zhang, Y. 2023. Logging Crew Attributes by Region in the Southeast USA. *Croatian Journal of Forest Engineering* 44 (2): 431-439
- 4) Xu, Y., Zhang, Y., Kinnucan, H., Chen, J. 2023. Bound to Ulaanbaatar in Mongolia. *Eurasian Geography and Economics* 64 (4): 460-483
- 5) Yilanci, V., Ulucak, R., Zhang, Y., Andreoni, V. 2022. The role of affluence, urbanization, and human capital for sustainable forest management in China: Robust findings from a new method of Fourier cointegration. *Sustainable Development* 2022,13: <https://doi.org/10.1002/sd.2421>
- 6) Adjei, E., Li, W., L Narine, I., Zhang, Y. 2023 What Drives Land Use Change in the Southern US? A Case Study of Alabama. *Forests* 14 (2), 171
- 7) Liao, W., Ye, D., Yuan, R., Zhang, Y., Deng, Q. 2023 Financial compensation for natural forest logging ban: Standard calculation based on willingness to accept. *Science Progress* 106 (1), 00368504221145563
- 8) Wang, J., Yang, L. Deng, M. Zhang, G., Zhang, Y. 2022. Selection of optimal regulation scheme by simulating spatial network of ecological-economic-social compound system: a case study of Hunan province, China. *Environment, Development and Sustainability* <https://doi.org/10.1007/s10668-022-02141-9>

- 9) Jia, L, Zhang, Y, Qiao G. 2022. Consumer-Related Antecedents of Waste Behavior in Online Food Ordering: A Study among Young Adults in China. *Foods*. 2022; 11(19):3098. <https://doi.org/10.3390/foods11193098>
- 10) Xu, Y., Zhang, Y., Chen, J. 2021. Migration under economic transition and changing climate in Mongolia *Journal of Arid Environments* 185, 104333
- 11) Amartuvshin, A., Chen, J., John, R., Zhang, Y., Lkhagvaa, D. 2021. How does mining policy affect rural migration of Mongolia? *Land Use Policy*, 2021,105474
- 12) He, M., Li, W., Via, B.K., Zhang, Y. 2022. Nowcasting of Lumber Futures Price with Google Trends Index Using Machine Learning and Deep Learning Models. *Forest Products Journal* 72 (1): 11–20.
- 13) He, M, Smidt, M., Li, W., Zhang, Y. 2021. Logging Industry in the United States: Employment and Profitability. *Forests* 12(12), 1720; <https://doi.org/10.3390/f12121720>
- 14) He, M., Huang, S., Zhang, Y., Rahman, M.M. 2020. From Peasant to Farmer: Transformation of Forest Management in China. *Small-scale Forestry*, 1-17.
- 15) He, W Li, M Smidt, Y Zhang. 2022. What Drives the Change in Employment in the US Logging Industry? A Directed Acyclic Graph Approach. *Forest Products Journal* 72 (4), 265-275
- 16) Lai, Q.T., Irwin, E. R., Zhang, Y. 2020. Quantifying harvestable fish and crustacean production and associated economic values provided by oyster reefs. *Ocean and Coastal Management* 187 (2020) 105104 <https://doi.org/10.1016/j.ocecoaman.2020.105104>.
- 17) Lai, Q.T., Irwin, E. R., Zhang, Y. 2020. Estimating nitrogen removal services of eastern oyster (*Crassostrea virginica*) in Mobile Bay, Alabama. *Ecological Indicators* 117, 106541.
- 18) Zhu, Z., Zhou, J., Li, B., Shen, Y., Zhang, Y. 2020. How feminization of forest management drives households' adoption of technologies: Evidence from non-timber forest products operations in China. *Forest Policy and Economics* 115, 102154.
- 19) Cuong, T., Chinh, TTQ., Zhang, Y., Xie, Y. 2020. Economic performance of forest plantations in Vietnam: Eucalyptus, Acacia mangium, and Manglietia conifera. *Forests* 11 (3), 284
- 20) Chen, J., Lin, W., Zhang, Y., Dai, Y., Chen, B. 2020. Village Fengshui Forests as Forms of Cultural and Ecological Heritage: Interpretations and Conservation Policy Implications from Southern China. *Forests* 11 (12), 1286.
- 21) Islam, K.N., Rahman, M.M., Jashimuddin, M., Islam, K., Zhang, Y. 2020. Impact of co-management on tree diversity and carbon sequestration in protected areas: Experiences from Bangladesh. *Trees, Forests and People* 2, 100033
- 22) Zhang, M., Zhang, Y., Xin, X., Liu, X., Shao, C. 2020. A study on the decision-making of herdsmen's grassland transfer based on Heckman model. *China's Agricultural Resources and Planning* 12: 57-65.
- 23) Zhang, Y., Shai, C., Chen, J., Lu, G. 2019. Understanding 3000 years of nomadic history of Mongolian Grassland, Livestock and population. *Journal of Arid Land Resources and Environment* 33 (6): 40-45.
- 24) Zhang, Y., Wu., G., Shai, C., Chen, J., Lu, G. 2019. “Tragedy of Commons” vs “Tragedy of Privatization”: Difference between Mongolia and Inner Mongolia. *Journal of Arid Land Resources and Environment* 33 (1): 23-29.
- 25) An, X., Wen, Y., Zhang, Y., Xu, S. 2019. Evaluation of the forestry and environmental conservation policies in Western China with multi-output regression method. *Computers and Electronics in Agriculture* 157: 239-246.
- 26) Zhu, Z., Xu, Z., Shen, Y., Huang, C., Zhang, Y. 2019. How off-farm work drives the intensity of rural households' investment in forest management: The case from Zhejiang, China. *Forest Policy and Economics* 98, 30-43
- 27) Huang, S., Zhang, Y., Zheng, Y., Su, S., Zheng, J. 2019. Inequality and small landholdings: Path dependence, land use and wellbeing. *Forest Policy and Economics* 98, 62-66.

PROFESSIONAL SERVICES

Co-editor of *World Forests book series* (by Springer) and Associate editor of *Small-Scale Forestry*
 Editorial Board member of *Forests, Society and Natural Resources, Forestry Ideas*.