

Yana JIN (靳雅娜)

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Employment

2022 ~ Peking University, College of Environmental Sciences and Engineering, Assistant Professor
2020-2022 Environmental Defense Fund, High Meadows Postdoctoral Economist
2018-2020 William & Mary, Mellon Postdoctoral Fellow

Research interests

Environmental Economics, Non-Market Valuation, Benefit-Cost Analysis, Public Policy

Education

Peking University, **2017, Ph.D.** Environmental Economics;
Peking University, **2011, B.S.** Biology, **B.A.** Economics

Visiting positions

2018/2019 summer Mäler Scholar, Beijer Institute, Royal Swedish Academy of Sciences, Stockholm
2017-2018 University of North Carolina at Chapel Hill, Department of City and Regional Planning, Visiting Scholar
2014-2015 Toulouse School of Economics, Visiting Ph.D. student

Working papers (titles subject to change)

1. Yanying Wang[†], Yana Jin, and Shiqiu Zhang. Preferences for reducing air pollution health risks increase after substantial air quality improvement.
2. Tingwei Gao[†], Cheng Fang[†], and Yana Jin. The impact of wastewater treatment plants on residential property values: A hedonic price analysis.
3. Shunlin Jin[†], Yana Jin, Xianling Long, and Shiqiu Zhang. Transition to solar power prosumers: Climate change and rural residential rooftop PV diffusion.
4. Yana Jin, Henrik Andersson, and Shiqiu Zhang. Willingness to pay to reduce health risks of air pollution –the effect from survey mode and current air quality.
5. Yana Jin, Dan Maliniak, and S.P. Harish. To everything there is a season: The effect of air pollution on public opinion in China.
6. Xing Chen, Yana Jin, Jianhua Xu, and Jiakun Zheng. The dynamics of public opinion on COVID-19 policies in China.
7. Yana Jin. Self-protection and willingness to pay for clean air policies.

Notation: [†] indicates a student coauthor, ^{*} the corresponding author, and [§] equal contribution.

Selected peer-reviewed articles: Environmental Economics

1. Yanying Wang[†], Yana Jin^{*}, Huan Lin, Wei Wan, and Shiqiu Zhang. Valuing mortality risk reductions in a fast-developing society: A meta-analysis of stated preference studies in China from 1998 to 2019. *Social Science & Medicine*, 2024.
2. 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. *Journal of Environmental Economics and Management*, 2020.

3. Yana Jin, Xiaorui Liu[†], Xiang Chen[†], and Hancheng Dai^{*}. Allowance allocation matters in China's carbon emissions trading system. *Energy Economics*, 2020.
4. Chiara Ravetti^{*}, Tim Swanson, Yana Jin, Quan Mu, and Shiqiu Zhang. A dragon eating its own tail: public control of air pollution information in China. *Environment and Development Economics*, 2019.

Selected peer-reviewed articles: Environmental Policy

1. Song Xiao[§], Yuting Yang^{*§}, Yubei Li[†], Jingtong Lin[†], and Yana Jin^{*§}. Decarbonizing the non-carbon: Benefit-cost analysis of phasing out the most potent GHG in interconnected power grids. *Environmental Science & Technology*, 2025.
 2. Yana Jin^{*}, Wei Peng, and Johannes Urpelainen. An ultra-low emission coal power fleet for cleaner but not hotter air. *Environmental Research Letters*, 2020.
 3. Xiang Zhang[†], Yana Jin^{*}, Hancheng Dai^{*}, Yang Xie, and Shiqiu Zhang. Health and economic benefits of cleaner residential heating in the Beijing–Tianjin–Hebei region in China. *Energy Policy*, 2019.
 4. Yana Jin, Henrik Andersson, 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. *Journal of Benefit-Cost Analysis*, 2017.
 5. Yana Jin, Henrik Andersson, and Shiqiu Zhang^{*}. Air pollution control policies in China: a retrospective and prospects. *International journal of environmental research and public health*, 2016.
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Teaching

2023 ~ Benefit-Cost Analysis, Peking University

2022 ~ Environmental Economics, Peking University

2019, 2020 William & Mary, Environmental Policy in China (3 credits lecture, independent instructor), China's Green Transition (1 credit seminar, organizer)

Advising

PhD students

Tianyu Xia, Hengxing Yin, Tingwei Gao

Master students with initial placement or internship

Zewei Fu, Zixiao Li, Mengyu Liu (U Maryland PhD), Yi Yang (Xiaomi), Yuhan Hu (Oregon State PhD, co-advising), Xuzhou Qin (co-advising)

Undergraduates with initial placement or internship

Peking University: Haoyang Huang, Yetong Li (PKU GSM), Cheng Fang (THU Econ PhD);

William & Mary: Qianyin Lu (Duke), Naixin Kang (Cornerstone Research), Grace Williams (House Committee on Natural Resources), James Li (Morgan Stanley), Xiaoshu Lin (Yale), Qingyu Tao (JHU SAIS), Bingling Wang (U Penn), Rong Qin (JHU SAIS), Wenzhi Pan (U Penn), Emeline Walker, Xuejia Tong, Daniel Morgan, Tara Clark, Dongyang Wang;

Wuhan University: Yubei Li (Ohio State PhD), Jingtong Lin (ByteDance)

Selected grants

2024-2026 “Valuing Environmental Health Risks in China: A Stated Preference Approach”, National Natural Science Foundation of China, PI

2023-2025 New faculty research fund, Peking University, PI

2018-2019 “Economic analysis of near-zero fossil fueled road transportation on air quality and health risks in China”, World Resources Institute, PI

2014-2016 “Cost-benefit analysis of phasing-out coal for various uses in ‘Jing-Jin-Ji’ region, China”, Economy and Environment Program for Southeast Asia (EEPSEA), PI