Mengjia Ren

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EDUCATION

2022   **Carnegie Mellon University**
Ph.D. in Public Policy and Management

2014   **Pennsylvania State University**, University Park
B.S. Economics
B.S. Energy, Business, and Finance
Student Marshal of Earth and Mineral Sciences College
Interdisciplinary honors in Economics and Political Science
GPA 3.97/4.0

RESEARCH INTEREST

Energy Economics, Industrial Organization, Environmental Policy, Productivity

PUBLICATIONS

[1] **Ren, M.,** Branstetter, L. G., Kovak, B. K., Armanios, D. E., & Yuan, J. (2021). Why Has China Overinvested in Coal Power? *The Energy Journal*. https://doi.org/10.5547/01956574.42.2.mren Media Coverage: VoxEU, Wired

[2] **Ren, M.,** Jiang, X. & Yuan, J. Wind power integration and emission reduction via coal power retrofits in China's quota-based dispatch system: a case study of Jilin Province. *Environ Sci Pollut Res* **27,** 11364–11374 (2020). https://doi.org/10.1007/s11356-020-07645-3

[3] Dong, Y., Jiang, X., **Ren, M.,** & Yuan, J. (2019). Environmental implications of China's wind-coal combined power generation system. *Resources, Conservation and Recycling*, 142 (November 2018), 24–33. https://doi.org/10.1016/j.resconrec.2018.11.012

[4] **Ren, M.,** Shcherbakova, A. (2013). Estimation of environmental effects of photovoltaic generation in North-west China. *Front. Energy* 7, 535–543. https://doi.org/10.1007/s11708-013-0280-8

WORKING PAPERS

[1] **Ren, M.,** "Estimating Potential Efficiency Gains and Market Power in China's Restructured Electricity Market" (Job Market Paper)

[2] Zhang, W., **Ren, M.**, Kang, J., Zhou, Y., and Yuan, J., "Estimating Stranded Assets in China's Coal Power Sector", Accepted by Utility Policy

[3] **Ren, M.** and Jha, A., "Evaluation of the Winter Pollution Mitigation Policy in China"

[4] Branstetter, L. G., Li, G., **Ren, M.** (2021) "Picking winners? Government subsidies and firm productivity in China"

CITIZENSHIP

United States of America

CONFERENCE PRESENTATIONS AND ACADEMIC SEMINARS

2020   Asian Innovation and Entrepreneurship Association (AIEA) NBER Conference
2018   Invited Speaker, Energy Economics Seminar, Renmin University of China
                Presenter, International Conference on Resource Sustainability, Beijing, China
                Presenter, Offshore Energy and Storage, Ningbo, China

TEACHING EXPERIENCE

08/2016-now   **Teaching Assistant,** Heinz College, Carnegie Mellon University
                    Decision Analytics for Business and Policy
                    Unstructured Data Analytics
                    Decision Making under Uncertainty
                    Business Intelligence and Data Mining
                    Quantitative Analysis of Inequality
                    Policy in a Global Economy
                    Methods of Policy Analysis
                    Rise of Asian Economies
                    Economic Analysis

08/2011-12/2013   **Teaching Assistant**, Penn State University
                    Risk Management in Energy Industries
                    Energy and the Environment (Honors Section)

PROFESSIONAL EXPERIENCE

01/2022-now   **Part-time Researcher**, Global Energy Monitor Organization

08/2019-08/2020   **Research Assistant,** The Block Center's Future of Work Initiative, CMU

06/2018-07/2018   **Visiting Scholar**, North China Electric Power University, Beijing, China

06/2011-07/2011   **Summer Internship**, Trina Solar Photovoltaics Company Headquarter, China

HONORS/AWARDS/GRANTS

08/2014   Student Marshal of Earth and Mineral Sciences College, Penn State University
05/2014   Liberal Arts Enrichment Fund, College of the Liberal Arts, Penn State University
06/2013   Matthew J. Wilson Honors Scholarship, EMS College, Penn State University
06/2013   Joseph W. and Margaret Nesbit Hunt Scholarship, Penn State University
05/2013   Kulin Family International Research Fund, Schreyer Honors College
01/2013   Liberal Arts Enrichment Fund, College of the Liberal Arts, Penn State University
10/2012   Department of Economics Undergraduate Award, Penn State University
05/2012   2012 Penn State Summer Discovery Grant, Penn State University
03/2012   The President's Sparks Awards, Penn State University
06/2011   John and Elizabeth Holmes Teas Scholarship, Penn State University
03/2011   The President's Freshman Awards, Penn State University

SKILLS

Programming   R, Python, Stata, Gurobi, ArcGIS Pro, SAS EM, Tableau, LaTeX, SQL, Excel
Languages   Mandarin Chinese, English