

Alice Tianbo Zhang

Curriculum Vitae

June 23, 2021

Washington and Lee University
Williams School of Commerce,
Economics, and Politics
Huntley 304, Lexington, VA 24450

Office: 540-458-8627
W&L Email: atzhang@wlu.edu
Gmail: alice.tianbo.zhang@gmail.com
Website: alicetianbozhang.com

Appointments

Affiliate Faculty Member, Environmental Studies Program, Washington and Lee University, 2021-

Assistant Professor, Department of Economics, Washington and Lee University, 2020 -

Postdoctoral Research Associate, Princeton University, 2019 - 2020

Princeton School of Public and International Affairs & C-PREE

Advisor: Michael Oppenheimer

Graduate Research Fellow, Columbia University, 2017-2018

Teaching Fellow, Columbia University, 2014-2017

Affiliations

Research Affiliate, Earth Institute, Columbia University, 2019 -

Fellow, Center for Development Economics and Policy, Columbia University, 2018 -

Education

Ph.D. Sustainable Development, Columbia University, 2019

Dissertation Title: "When Nature Meets Human Nature: Essays on the Social Impacts of Energy Infrastructure and Environmental Policy"

Advisors: Rodrigo R. Soares, Wolfram Schlenker, Geoffrey M. Heal

M.A. Sustainable Development, Columbia University, 2016

Thesis Title: "Nonlinear Impact of Temperature on Mortality: Evidence from Monthly Weather Variations in France"

Advisor: Matthew Neidell

Training: Summer Workshop in Climate Change Economics, UC Berkeley, 2015

B.A. Economics, Statistics, Public Policy Minor, *Cum Laude*, University of California, Berkeley, 2013

Research & Teaching Interests

Environmental and Energy Economics | Development Economics | Political Economy

Climate Change Impact, Adaptation, Mitigation | Natural Hazards | Migration | Social Justice

Research

Publications

Guo, Dong, Anyi Wang, and Alice Tianbo Zhang. 2020. "Pollution Exposure and Willingness to Pay for Clean Air in Urban China." *Journal of Environmental Management* 261 (May): 110174. [\[Link\]](#)

Working Papers

Within but Without: Involuntary Displacement and Economic Development. SSRN Working Paper #3358089, September 2018. [\[Link\]](#)

Valuing the Global Mortality Consequences of Climate Change Accounting for Adaptation Costs and Benefits. NBER Working Paper #27599, July 2020. (with T. Carleton, M. Delgado, M. Greenstone, T. Houser, S. Hsiang, A. Hultgren, A. Jina, R. Kopp, K. McCusker, I. Nath, J. Rising, A. Rode, H. K. Seo, J. Simcock, A. Viaene, J. Yuan) [\[Under Review\]](#) [\[Link\]](#)

Electoral Backlash or Positive Reinforcement? Wind Power and Congressional Elections in the United States (with Johannes Urpelainen) [\[Revisions Submitted\]](#)

Dam-Induced Global Surface Water Dynamics: Introducing the Global Dam Tracker (with Xinyi Gu)

Evidence of Multi-Dimensional Gender Inequality in Energy Services from a Large-Scale Household Survey in India (with the Council On Energy, Environment and Water and the Initiative on Sustainable Energy Policy, Johns Hopkins University; Funded by the MacArthur Foundation)

Work in Progress

Hurricane Harvey and Business Recovery (with Elmira Kalhor, Stephanie Lackner and Michael Openheimer)

Natural Disasters and Consumer Behavior (with Tom Bearpark)

Book Chapters and Policy Articles

Zhang, Alice Tianbo. 2019. "Development and Displacement." *Phenomenal World*, Blog of the Jain Family Institute. [\[Link\]](#)

Zhang, Alice Tianbo, Johannes Urpelainen, and Wolfram Schlenker. 2018. "Power of the River: Introducing the Global Dam Tracker (GDAT)." *Faculty Grant Program Research Report*. Center on Global Energy Policy. [\[Link\]](#)

Lu, Yao, and Alice Tianbo Zhang. 2016. "The Link between Migration and Health." In *Handbook on Migration and Health*, edited by Felicity Thomas. Edward Elgar Publishing. [\[Link\]](#)

Awards, Honors, and Grants

Summer Research Scholar Program Grant, Washington and Lee University, 2021
Lenfest Summer Fellowship Award, Washington and Lee University, 2020, 2021
CSWEP CeMENT Workshop, American Economic Association, 2021
Winter Research Scholar Program Grant, Washington and Lee University, 2020-2021
Data-Driven Social Science Initiative Large-Scale Grant, Princeton University, 2020-
Keynote Speaker, “2019 Henan Urban Sustainability Ranking Report” Press Conference, 2020
Zhongyuan Development Research Innovation Award, 2020
Dissertation Fellowship, Columbia University, 2018-2019
National Academy of Sciences, Sackler Colloquium Travel Award, 2018
Research Grant for “A Global Database of Dams,” Columbia University, 2017-2018
Student Fellow, Initiative for Sustainable Energy Policy, Johns Hopkins University, 2017-
Dean’s Fellowship, Columbia University, 2013-2018
Omicron Delta Epsilon, UC Berkeley Chapter, 2011-2013
Dean’s Honors List, University of California, Berkeley, 2011-2013

Teaching

Washington and Lee University

Introduction to Economics (Undergraduate, Economics), Instructor: Winter 2021
Statistics for Economics (Undergraduate, Economics), Instructor: Fall 2020

Columbia University

Microeconomics and Public Policy (Graduate, Public Policy), Tutor: Fall 2017
Microeconomics and Policy Analysis (Graduate, Public Policy), TA: Fall 2016
Introductory Statistics (Graduate, Public Policy), TA: Summer 2016
Introduction to Development Economics (Undergraduate, Economics), Grader: Spring 2016
Gender and Applied Economics (Undergraduate, Economics), TA: Spring 2016, 2017
Research Methods in Public Management & Policy (Graduate, Public Policy), TA: Fall 2015
Challenges of Sustainable Development (Undergraduate, Sustainable Development), TA: Spring 2015
Science for Sustainable Development (Undergraduate, Sustainable Development), TA: Fall 2014

Advising

Abbey Pinkerton '22, Winter & Summer Research Scholar, Washington and Lee University, 2020-2021

Carrie Morrison '22, Summer Research Scholar, Washington and Lee University, 2021

Seminar and Conference Presentations

Southern Economic Association Annual Meeting (2020); American Geophysical Union (2016, 2020); Princeton University (2019, 2020); Princeton Research Day (2020); Central China Development Research Institute (2020); Henan University (2020); Johns Hopkins University, Initiative on Sustainable Energy Policy Workshop (2019); New York University, Institute for Policy Integrity (2019); Center for Global Development (2019); Wheaton College (2019); Washington and Lee University (2019); U.C. Santa Barbara Occasional Workshop (2018); Columbia University Development Seminar (2018); Columbia University Sustainable Development Seminar (2014, 2018); Sustainable Development Research Symposium (2016, 2018); National Academy of Science Sackler Colloquium on Economics, Environment and Sustainable Development (2018); University of Illinois, Urbana-Champaign, Heartland Environmental and Resource Economics Workshop (2017); Columbia University Development Colloquium (2017), Interdisciplinary Ph.D. Workshop in Sustainable Development (2016), Columbia University Sustainable Development Colloquium (2015, 2016, 2017)

Service

University Sustainability Committee, Washington and Lee University, 2021-2024

Econ 202 Review Task Force, Economics Department, Washington and Lee University, 2021

Faculty Hiring Committee, Economics Department, Washington and Lee University, 2020-2021

Student Committee, Sustainable Development Ph.D. Program, Columbia University, 2017-2018

Co-organizer, Sustainable Development Colloquium, Columbia University, 2015-2016

Student Representative, Earth Institute Faculty Meetings, Columbia University, 2015-2016

Co-organizer, Interdisciplinary Workshop in Sustainable Development, Columbia University, 2015

Co-organizer, Alliance Summer School in Science and Policy, Columbia University – Sciences Po, 2014