

Klara Zwickl, PhD

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Academic Positions

Associate Professor at the Institute for the Political Economy of Public Policy, Department of Socioeconomics, WU Vienna University of Economics and Business (since 2021)

Senior Researcher in the Equity and Justice Research Group, International Institute for Applied Systems Analysis (IIASA) (since 2024)

Short-term consultant at the Worldbank (April-June 2025)

Assistant Professor at the Institute for Ecological Economics, Department of Socioeconomics, WU Vienna University of Economics and Business (2015–2021)

Deputy Head of the Institute for Ecological Economics, WU Vienna (2016–2017)

Research Associate at the Institute for Ecological Economics, WU Vienna (2014–2015)

Visiting Researcher at the Political Economy Research Institute, University of Massachusetts Amherst (2014–2015)

Research Assistant at the Department of Economics, University of Massachusetts Amherst (2011–2013)

Teaching Assistant at the Department of Economics, University of Massachusetts Amherst (2010–2012)

Research Associate at the Department of Economics, WU Vienna (2009–2010)

Education

Habilitation in Economics, WU Vienna (July 2020)

Habilitation title: “Socioeconomic impacts of environmental degradation”

Ph.D in Economics, University of Massachusetts Amherst (February 2015)

Dissertation title: “Three Essays on Economic Inequality and Environmental Degradation”

Dissertation committee: Prof. M. Ash and Prof. J. K. Boyce (co-chairs), and Prof. A. Milman

Comprehensive exams: Macroeconomics; Environmental Economics

M.A. in Economics, University of Massachusetts Amherst (2013)

Specialization fields: Political Economy; Environmental Economics

Diploma Studies in Economics, Vienna University of Economics and Business (2008)

Grants and Awards

The Campbell Watkins Energy Journal Best Paper Award, 2021

Austrian Science Fund (FWF) Stand Alone Project “An empirical analysis of environmental inequality in the EU” (€240,000, PI), 2019–2022

Maria Schaumayer-Fellow (€55,000), 2018

Austrian National Bank (OeNB) Jubiläumsfondsproject “Debt, inequality, booms, and crises” (€96,000, Principal Investigator), 2016–2018

Institute for New Economic Thinking (INET) Project “Air Quality Co-Benefits in Climate Policy” (\$90,000, Co-PI with J. K. Boyce and M. Pastor), 2015–2017

Macroeconomic Policy Institute (IMK) Project “Inequality, Behavioral Spillover Effects, Work Hours, and Household Debt” (€20,000, Co-PI with M. Moser and S. Storn), 2016–2017

Scientific researcher for projects funded by: the United States National Science Foundation (NSF), the Institute for New Economic Thinking (INET), the European Commission (wwwForEurope), the Austrian National Bank (OeNB Jubiläumsfonds), and the Austrian Science Fund (FWF)

Teaching

Courses taught at WU Vienna (since 2017, repeatedly)

1. Intro to Climate Change Economics, Policy, and Justice (Bachelor-level)
2. Climate Policy (Bachelor-level)
3. Climate Justice (Bachelor-level)
4. Economics & Environment 1 (Bachelor-level)
5. Economics & Environment 2 (Bachelor-level)
6. Sustainable Economics and Business II: Political Economy of the Environment (Bachelor-level)
7. Sustainable Economics and Business II: Inequality and the Environment (Bachelor-level)
8. Intro to Economics: Bridging Course (Master-level)
9. Research Seminar (PhD-level)

Courses taught as Teaching Assistant at the University of Massachusetts Amherst (2010–2012)

1. Labor in the American Economy (Bachelor-level)
2. Introduction to Macroeconomics (Bachelor-level)
3. Political Economy of the Environment (Bachelor-level)

Publications

Peer-Reviewed Journal Articles

1. Miklin, X., Neier, T., Storn, S., Zwickl, K. (2025). Carbon Giants: Exploring the Top 100 Industrial CO₂ Emitters in the EU. *Ecological Economics*, 228, 108419.
2. Zwickl, K., Miklin, X., Naqvi, A. (2024). Sociodemographic disparities in ambient particulate matter exposure in Austria. *Ecological Economics*, 224, 108180.

3. Zwickl, K., Boyce, J.K., Sturn, S. (2021). Effects of carbon mitigation on co-pollutants at industrial facilities in Europe. *The Energy Journal*, 42(5):123-147. Winner of “The Campbell Watkins Energy Journal Best Paper Award 2021”
4. Zwickl, K. (2019). The demographics of fracking: A spatial analysis for four US states. *Ecological Economics*, 161:202-2015.
5. Naqvi, A., Zwickl, K. (2017). Fifty shades of green: Revisiting decoupling by economic sectors and air pollutants. *Ecological Economics*, 133:111–126.
6. Sturn, S. and Zwickl, K. (2016). A reassessment of size and intermediation effects of financial systems. *Empirical Economics*, 50(4):1467—1480.
7. Boyce, J.K., Zwickl, K., Ash, M. (2016). Measuring Environmental Inequality. *Ecological Economics*, 124:114—123.
8. Zwickl, K., Disslbacher, F., Stagl, S. (2016) Work-sharing in a sustainable economy. *Ecological Economics*, 121:246—253.
9. Zwickl, K., Ash, M., Boyce, J.K. (2014). Regional variation in environmental inequality. Industrial air toxics exposure in U.S. cities. *Ecological Economics*, 107:494-509.
10. Onaran Ö., Stockhammer, E., Zwickl, K. (2013). FDI and domestic investment in Germany: crowding in or out? *International Review of Applied Economics*, 27(7):429–448.

Edited Volumes

1. Laurent, E. and Zwickl, K (Eds). (2022). The Routledge Handbook of the Political Economy of the Environment. Routledge, London & New York.

Book Chapters

1. Zwickl, K., and Sturn, S. (2022). Air quality co-benefits of climate mitigation in the EU. In: The Routledge Handbook of the Political Economy of the Environment, Routledge, London&New York: 184-194.
2. Zwickl, K. (2015). Inequality and the distribution of environmental quality. In: Luks, Fred [Ed]: *Rethink Economy. Perspektivenvielfalt in der Nachhaltigkeitsforschung – Beispiele aus der Wirtschaftsuniversität Wien*. Oekonom Verlag, München.
3. Zwickl, K., Ash, M., Boyce, J.K. (2015). Race, class and industrial air pollution. In: *The Economics of the Environment*, 3rd edition, Dollar & Sense (June 2015).

Refereeing

Nature Communications; Ecological Economics; Environmental Science & Technology; Population and Environment; Environmental Research Letters; Science of the Total Environment; Energy Research and Social Science; Science and Engineering Ethics