

Title: The Geography of Employment and the Environment

Subtitles:

1. Agglomeration advantages
2. Local labour markets
3. Local Communities and the Environment

Brief course outline:

This module discusses topics of economic geography. More specifically, it focuses on issues at the intersection of Regional, Labour and Environmental Economics. Keywords are agglomeration advantages, local labour markets, local communities and the environment. Special attention will be devoted to methods. Despite all the talk about the “death of distance”, geography matters more than ever. This course is a journey through the current economic landscape. We will try to understand the economic forces driving trends in labour market and environmental outcomes across cities and regions. These are the forces that will define the geography of future economic activity and will shape the destiny of local communities around the world.

Reading List:

Agglomeration advantages

O’Sullivan. “Urban Economics”. McGraw Hill 9th edition (International Student Edition), Ch 4

Greenstone, Michael, Richard Hornbeck, and Enrico Moretti. 2010. “Identifying Agglomeration Spillovers: Evidence from Winners and Losers of Large Plant Openings.” *Journal of Political Economy* 118(3): 536-598.

Gathmann, C., Helm, I. and Schönberg, U., 2020. Spillover effects of mass layoffs. *Journal of the European Economic Association*, 18(1), pp.427-468

Kline "Place Based Policies, Heterogeneity, and Agglomeration" (AER P&P, 2010)
see also the Corrigendum:
<file:///system/mirror/data/pub/users/pkline/papers/corrigendum.pdf>

Nicholas Bloom, Mark Schankerman, John Van Reenen (2013) “Identifying Technology Spillovers and Product Market Rivalry,” *Econometrica*, 81:4.

Moretti, E. 2004. Estimating the Social Return to Higher Education: Evidence from Cross-sectional and Longitudinal Data, *Journal of Econometrics*, 120: 175-212

Helm, Ines. "National Industry Trade Shocks, Local Labour Markets, and Agglomeration Spillovers." *The Review of Economic Studies* 87.3 (2020): 1399-1431.

Jacobs, J. (1969). The economy of cities. New York: Random House.

Local labour markets

O'Sullivan, Ch 8

Gagliardi, L. et al. "The World's Rust Belts" (Mimeo, University of Essex).

Findeisen, S. and J. Suedekum (2008). Industry churning and the evolution of cities: Evidence for Germany. Journal of Urban Economics 64 (2), 326-339

Rosenthal, Stuart S., and Stephen L. Ross. "Change and persistence in the economic status of neighborhoods and cities." Handbook of regional and urban economics. Vol. 5. Elsevier, 2015. 1047-1120.

Moretti, E., 2011. Local labor markets. In Handbook of labor economics (Vol. 4, pp. 1237-1313). Elsevier.

Moretti 2012. "The New Geography of Jobs" Houghton Mifflin Harcourt.

Diamond, R. The Determinants and Welfare Implications of US Workers' Diverging Location Choices by Skill: 1980-2000, American Economic Review. March 2016, Vol. 106, Issue 3, Pages 479-524

Couture, Victor, and Jessie Handbury. Urban revival in America, 2000 to 2010. No. w24084. National Bureau of Economic Research, 2017.}

van der List, Catherine "How do Establishments Choose their Location? Taxes, Monopsony, and Productivity" Mimeo, University of British Columbia

Local Communities and the Environment

Brueckner, Jan K. Lectures on urban economics. MIT press, 2011, Ch 9

Sieg, H. (2020). Urban Economics and Fiscal Policy. Princeton University Press, Ch 20

Curtis, E. Mark, and Ioana Marinescu. Green Energy Jobs in the US: What Are They, and Where Are They?. No. w30332. National Bureau of Economic Research, 2022.

Walker, W. Reed. 2013 "The Transitional Cost of Sectoral Reallocation: Evidence from the Clean Air Act and the Workforce." The Quarterly Journal of Economics 1787 (2013): 1835.

Y. Takasaki, M. Tanaka, S. Tsuda "Human and Nature: Economies of Density and Conservation in the Amazon Rainforest" Mimeo Brown University.

Holub, Felix and Thies, Baete "Air Quality, High-Skilled Worker Productivity and Adaptation: Evidence from GitHub" Mimeo University of Mannheim.

Bou Sleiman, Léa "Displacing congestion: Evidence from Paris" Mimeo CREST - Ecole Polytechnique

Deng, Zichen & Zhou, Ling "Revealed Preferences or Forced to Leave: Internal Migration Responses to Pollution Information in China" Mimeo University of Padua

Kahn, Matthew E., and Randall Walsh. "Cities and the Environment." Handbook of regional and urban economics 5 (2015): 405-465

Chay, Kenneth Y., and Michael Greenstone. "Does air quality matter? Evidence from the housing market." Journal of political Economy 113.2 (2005): 376-424.

Heblich, S., A. Trew, and Y. Zylberberg. East Side Story: historical pollution and neighborhood segregation. Journal of Political Economy, 129(5), 1508-1552

Methods:

J. Angrist and S. Pischke, "Mostly Harmless Econometrics". Princeton Press
Holmes, Thomas J., and Holger Sieg. "Structural estimation in urban economics." Handbook of regional and urban economics. Vol. 5. Elsevier, 2015. 69-114.

Baum-Snow, Nathaniel, and Fernando Ferreira. "Causal inference in urban and regional economics." Handbook of regional and urban economics. Vol. 5. Elsevier, 2015. 3-68.

Card, D. "Model-Based or Design-Based? Methodological Approaches in Empirical Micro". <https://youtu.be/S6xSEiB6E2s>. Slides <https://bit.ly/2nhhYns>