

# Yue Yu

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## Education

Ph.D. Economics, Department of Economics, Columbia University, Expected 2020  
B.A., Economics, Guanghua School of Management, Peking University, 2014

## Fields of Specialization

Primary: International Trade, Urban Economics  
Secondary: Development Economics, Applied Microeconomics

## Job Market Paper

*“Land Use Regulation and Economic Development: Evidence from the Farmland Red Line Policy in China.”*

*Best paper (runner-up) at the European Meeting of the Urban Economics Association, 2019 (for recent graduates and current students)*

*Abstract:* Land use is tightly regulated worldwide, yet there is limited empirical evidence on the consequences of land use regulation on economic development. This paper studies a major national policy restricting land use in China - the Farmland Red Line Policy - to provide causal evidence on the reduced form local effect of urban land-use regulation on GDP and population growth. First implemented in 1999, the policy imposes a constraint on rural-to-urban land conversion, the stringency of which depends on exogenous local geographical features. These constraints on urban land development are estimated to have sizable effects on local economic development. They reduce urban land development, lower GDP, and decrease the local population. To understand the aggregate impacts of the policy, I develop a quantitative spatial equilibrium model that features an endogenous land use decision. Through the lens of the model, the policy causes an over-supply of farmland and an under-supply of urban land; the degree of land misallocation varies across locations due to the local geographical features. Land misallocation leads to labor misallocation due to labor mobility both between agriculture and manufacturing and across space. I estimate that the welfare of workers would have been 5.8% higher in 2010 if the policy had not been implemented.

## Work in Progress

*“Agglomeration within Knowledge Hubs: Evidence from Economics Research Institutions.”*

*Abstract:* In the post-Internet era, does being around with more active researchers in the workplace increase one’s innovation activity? This paper tests the impact of team size on one’s publication output among US university economists from 1996 to 2016. I construct a database of affiliation and publication history for all US university economists using the publication information from the Scopus database. University funding revenue from private gifts and government appropriation is used to instrument the total number of economists at a university in a specific year. Estimates suggest a 10% increase of team

size raises one's annual output measured by citation weighted number of publications by 4.6%. Agglomeration effect disappears once crossing the affiliation border: having more economists in a nearby affiliation does not affect one's output. Increasing chances to coauthor with colleagues when being at a larger team helps explain the agglomeration effect.

*"Expansion of High Speed Railway and Firm Export in China", (with Lin Tian)*

## Honors and Awards

2019 - 2020    Dissertation Fellowship, Department of Economics, Columbia University  
Spring 2019    ASGC, GSAS, and Department of Economics Travel Grants, Columbia University  
Spring 2019    Wueller Travel Scholarship, Columbia University  
2014 - 2019    Dean's Fellowship, Department of Economics, Columbia University  
2010            First Prize of Freshman Scholarship, Peking University

## Conference Presentations

2019    *The European Meeting of the Urban Economics Association* (Amsterdam), *The American Real Estate and Urban Economics Association International Meeting* (Milan), *The Econometric Society Summer Meetings* (Xiamen), *Young Economists Symposium* (Columbia), *IPWSD 2019* (Columbia)

## Research Experiences

2017-2018    Research Assistant of Réka Juhász, Columbia University

## Teaching Assistantships

Spring 2019    The Global Economy, Ronald Miller  
Fall 2018       International Trade, Waseem Noor  
Spring 2017    Economics of New York City, Donald R. Davis  
Fall 2016       Intermediate Macroeconomics, Xavier Sala-i-Martin  
Spring 2016    Economics of Money and Banking, Tri Vi Dang  
Fall 2015       Economics of Money and Banking, Perry Mehrling

## Personal

Languages: Mandarin (Native), English

Programming: Proficient in Stata, ArcGIS, and Matlab; Python

## References

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