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Haeseong Park

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EDUCATION

Ph.D. Economics, University of Colorado Boulder *May 2027 (expected)*

M.A. Economics, University of Colorado Boulder *2023*

M.A. Economics, Sungkyunkwan University *2020*

B.A. History, Sungkyunkwan University *2016*

FIELD OF INTERESTS

Environmental Economics, Urban Economics, Labor Economics

JOB MARKET PAPER

Agglomeration Beyond Productivity: Economic Organization and Resilience to Natural Disasters

This paper examines how differences in economic structure shape the short-run economic impacts of natural disasters on cities. Using wind strength to proxy disaster intensity and electricity consumption to measure economic activity, I show that natural disasters reduce aggregate economic activity by 3 percent at the metropolitan statistical area (MSA) level under average agglomeration conditions.I find substantial heterogeneity in disaster impacts across three dimensions of urban economic structure: labor market concentration, transportation network centralization, and local trade linkages. Higher industry concentration amplifies losses by more than twofold, whereas centralized road networks and greater internal goods sourcing mitigate them, with the latter reducing losses by nearly half. Using granular industry specialization profiles, I find that increases in specialization in non-tradable local industries magnify the adverse economic effects of natural disasters.

WORKING PAPERS

Who Bears the Cost of Staying Urban? -Skill-Differentiated Migration Responses to Natural Disasters

This paper examines how natural disasters shape migration responses of high- and low-skilled workers in the United States. Using within–commuting zone migration data linked with disaster-driven monetary losses, I find that a one percent increase in four-year cumulative disaster damage growth raises out-migration of low-skilled workers from metropolitan areas by 1.44 percentage points, while high-skilled inflows rise by 0.63 points. I also consider a broader measure of risk, defined as the likelihood of being surrounded by more damaged neighborhoods while living in a safer area. Under this measure, low-skilled workers relocate to rural areas over four- to five-year horizons. Overall, this paper shows that natural disasters exacerbate skill-based spatial sorting by reinforcing high-skilled concentration in urban areas with higher education quality while displacing low-skilled workers from those same locations, thereby restricting access to educational opportunities and accelerating longer-run inequality across skill groups.

WORK IN PROGRESS

Local Economic Structure and Young Firm Survival After Disasters

RESEARCH &TEACHING EXPERIENCE

Research Assistant, The Rocky Mountain Research Data Center (RMRDC)

- Graduate Research Assistant — *Aug 2023- Present*
- Instructor, Graduate Course on Federal Data for Health Research and Policy — *Spring 2024, Spring 2025*

Instructor of Record

- Principles of Macroeconomics, CU Boulder — *Summer 2025*
- Natural Resource Economics, CU Boulder — *Fall 2025*

Teaching Assistant

- Principles of Microeconomics, University of Colorado Boulder — *Fall 2021, Fall 2022-Spring 2023*
- Principles of Macroeconomics, University of Colorado Boulder — *Spring 2022, Spring 2025*

Professional Service

- Organizer, Graduate Student Seminar, University of Colorado Boulder — *Fall 2024-Present*

SCHOLARSHIPS, AWARDS & FELLOWSHIPS

Bacon Family ECON Graduate Scholarship, University of Colorado Boulder — *2025*
Third Year Paper Prize, University of Colorado Boulder — *2024*
Reuben A. Zubrow Fellowship in Economics, University of Colorado Boulder — *2024*
Graduate Award for Public Policy Research, University of Colorado Boulder — *2023*
Bacon Family ECON Graduate Scholarship — *2022*
Scholarship, Department of Economics, University of Colorado Boulder, — *2021*

PRESENTATIONS

2026:

Urban Economics Association Summer School 2026 London
Western Economic Association International 101st Annual Conference
20th North American Meeting of the Urban Economics Association (Scheduled)
Souther Economics Association 96th Annual Meeting (Scheduled)

2025:

Successfully Navigating Your Economics PhD workshop, AEA Committee on the Status of Women in the Economics Profession (CSWEP) South, Southern Economics Association (SEA)
University of Colorado Boulder Graduate Student Seminar
University of Colorado Boulder Applied Economics Seminar
University of Colorado Boulder Environmental Economics Seminar

2024:

14th Annual Front Range Energy and Environmental Economics Camp

University of Colorado Boulder Environmental Economics Seminar
University of Colorado Boulder Graduate Student Seminar

2023:

13th Annual Front Range Energy and Environmental Economics Camp
University of Colorado Boulder Environmental Economics Seminar

SKILLS/LANGUAGES

Programming Languages	Stata, Python, MATLAB, R, SAS
Languages	English (Fluent), Korean (Native)

NATIONALITY

Republic of Korea (U.S. F1 visa)

REFERENCES

Advisor
Prof. Jonathan Hughes
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