

**Hee Soo Kim**

last revised: October 8, 2024

Indiana University,  
100 S Woodlawn Ave,  
Bloomington, IN 47405

Email: [hk74@iu.edu](mailto:hk74@iu.edu)

## **FIELDS OF INTERESTS**

---

Empirical Macroeconomics, Climate Change, Applied Time-Series Econometrics

## **EDUCATION**

---

**Ph.D.** Economics, Indiana University, *expected May 2025*

*Main advisor:* Prof.Christian Matthes

*References:* Prof.Yoosoon Chang, Prof.Laura Liu (Pitt), Dr.Toan Phan (Richmond Fed)

**M.A.** Statistics, Ewha Womans University, *2018*

**B.A.** Economics (*Summa Cum Laude*), Ewha Womans University, *2015*

## **PUBLICATIONS**

---

“Forecast of realized covariance matrix based on asymptotic distribution of the LU decomposition with an application for balancing minimum variance portfolio”  
with Dong Wan Shin, *Applied Economics Letters* (2019)

## **WORKING PAPERS**

---

“Severe Weather and the Macroeconomy” with Christian Matthes and Toan Phan (*Cond. Accepted, AEJ:Macro*)

“On the Macro Impact of Extreme Climate Events in Central America: A Higher Frequency Investigation” with Carlos Chaverri ; Emilio William Fernandez Corugedo ; Pedro Juarros, *IMF Working Paper No. 2022/237* (2022)

“Are the Effects of a US Financial Shock on non-US Countries Asymmetric?”

## **PROFESSIONAL EXPERIENCES**

---

*Referee:* Environmetrics

*Summer Intern* at the International Monetary Fund (Western Hemisphere Department) *Summer 2022*

## **CONFERENCES AND SEMINARS**

---

(\* denotes presentation, otherwise co-author attendee)

*2024 (including scheduled):* Macro Brownbag (Indiana University)\*, Midwest Economics Association Conference\*

*2022:* IMF Departmental Seminar (WHD)\*

*2021:* Richmond Fed Brownbag, CEBRA Annual Meeting, Econometrics Models of Climate Change Conference (EMCC), IWH Environmental Macro Workshop, (EC)<sup>2</sup> Conference, Climate Reading Group\*, Macro Brownbag (Indiana University)\*

*2020:* Hoosier Economics Conference (Indiana University)\*, Macro Brownbag (Indiana University)\*

## TEACHING & RESEARCH EXPERIENCE

---

### Indiana University

Instructor	Econometric Theory & Practice II (Graduate)	SP23
	Statistical Analysis for Business & Economics	FA19 - SP22
RA	for Prof. Christian Matthes	Summer 2020
GA	Introduction to Microeconomics	FA18

### Ewha Womans University

Sep 2015 - Dec 2016

TA	Statistics for Management and Economy
	Matrix Algebra
	Statistics II

## HONORS, AWARDS, SCHOLARSHIPS, AND FELLOWSHIPS

---

Alumni Associate Instructor Award for Excellence in Teaching, <i>Indiana University</i>	Spring 2024
H H Crawford Graduate Top-up Fellowship, <i>Indiana University</i>	Spring 2023
Lloyd Orr Dissertation Fellowship (first-time recipient), <i>Indiana University</i>	Fall 2022
Department of Economics Graduate Assistantship, <i>Indiana University</i>	2018-present
Top-up Fellowship, <i>Indiana University</i>	2018-2019
2nd prize Poster Award, Korea Statistical Society Conference	2017
Admissions Scholarship, <i>Ewha Womans University</i>	2015-2017
Brain Korea 21, <i>Ewha Womans University</i>	2015-2017
Honors Scholarship, <i>Ewha Womans University</i>	2011-2015

## SKILLS

---

Computations: Matlab, R, Stata, Python

Language: Korean(native), English(fluent)