

JUN HO CHOI

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EDUCATION

Columbia University Chicago, IL
Ph.D. in Sustainable Development Sep 2022 – Current

University of Chicago Chicago, IL
Graduate Student-at-Large Program Apr 2021 – Jun 2022
M.A. in Computational Social Science, Economics Concentration August 2020
Thesis Advisor: Professor Pablo Peña

Princeton University Princeton, NJ
A.B. in Economics, *with honors (cum laude)* June 2018
Certificate Program in Statistics and Machine Learning
Thesis Advisor: Professor Nobuhiro Kiyotaki

RESEARCH EXPERIENCE

Climate Impact Lab (CIL) & Energy Policy Institute, University of Chicago Chicago, IL
Research Professional, Pre-doctoral Fellow Sep 2020 – Jul 2022
Supervisors: Professors Solomon Hsiang and Michael Greenstone, and Dr. Ian Bolliger
◦ Assessing global impacts of 21st century sea level rise and tropical cyclones, and social cost of carbon

Chicago Experiments Initiative, University of Chicago Chicago, IL
Part-time Volunteer Research Assistant Jan 2019 – Mar 2020
Supervisor: Professor John List
◦ Applications of machine learning with imbalanced data

Columbia Business School, Columbia University New York, NY
Columbia Business School Summer Research Intern May 2019 – Nov 2019
Supervisors: Professors Andrey Simonov and Tomomichi Amano
◦ Data mining and wrangling for analyzing potential addictiveness of in-game lotteries

Princeton School of Public and International Affairs, Princeton University Princeton, NJ
Research Assistant Feb 2017 – Jun 2018
Supervisor: Visiting Professor Ashoka Mody
◦ Data analysis and visualization for the book *EuroTragedy* (2018, Oxford University Press)

PUBLICATIONS AND WORKING PAPERS

Depsky, Nicholas, Ian Bolliger, Daniel Allen, **Jun Ho Choi**, Michael Delgado, Michael Greenstone, Trevor Houser, Solomon Hsiang, Robert E. Kopp. 2022. “DSCIM-Coastal v1.0: An Open-Source Modeling Platform for Global Impacts of Sea Level Rise.” Preprint available at *EGUsphere*. [Link]

Peña, Pablo A., and **Jun Ho Choi**. 2021. “Female Representation Among Notable People Born in 1700–2000.” *Economics Letters* 206: 1–4.

AWARDS, GRANTS, AND FELLOWSHIPS

Pre-Doctoral Fellowship, Energy Policy Institute at the University of Chicago Sep 2020 – Jul 2022
Merit-based scholarship (maximum), University of Chicago Sep 2018 – Jun 2020

OTHER INFORMATION

Programs and Languages
Experienced: Python, R, Stata, Matlab, SQL, SPARQL, MS Office, Git, L^AT_EX, and Shell Scripting
Beginner: ENVI, ArcGIS, Julia, Java, Mathematica, HTML, Stan, and Django

Languages: Korean (native), English (fluent), Standard Chinese (basic)