

# TRINH PHAM

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## EDUCATION

Ph.D. Applied Economics and Management, Cornell University, expected 2024

Dissertation Title: “Essays in Development and Environmental Economics”

M.P.P. Regional Development and Environment, Korea Development Institute (KDI) School of Public Policy and Management, 2017

*Summa Cum Laude*, Salutatorian

Minor in Sustainable Development

B.Ec. International Economic Relations, Vietnam National University Ho Chi Minh City, 2015

*Honours with Distinction*

## RESEARCH AND TEACHING FIELDS

Research Fields: Development Economics, Environmental Economics, Labor Economics

Teaching Fields: Development Economics, Environmental Economics, Applied Econometrics

## PEER-REVIEWED PUBLICATIONS

1. “Structural Transformation, Agriculture, Climate, and the Environment.” (2023). *Review of Environmental Economics and Policy*, Vol 17, No 2, with Christopher B. Barrett and Ariel Ortiz-Bobea.
2. “The Child Education and Health Ethnic Inequality Consequences of Climate Shocks in Vietnam.” (2022). *Economics of Education Review*, Vol 90, 102311.
3. “The Intertemporal Evolution of Agriculture and Labor over a Rapid Structural Transformation: Lessons from Vietnam.” (2020). *Food Policy*, Vol 94, 101913, with Yanyan Liu, Christopher B. Barrett, and William Violette.

## JOB MARKET PAPER

“Climate Change and Intersectoral Labor Reallocation in a Developing Country”

Abstract: I present a simple model to reconcile different findings in the prior climate-employment literature, incorporating roles for trade openness and intersectoral switching costs. Using Vietnamese data, I provide new evidence consistent with the model’s predictions. In most places, heat induces an outflow of workers from agriculture to non-agriculture in both the short and long terms. While all workers are equally likely to take an informal non-agricultural job, younger individuals incur lower costs and comprise most of those moving into formal non-agriculture. In places less integrated into global markets, the reallocation runs in the opposite direction due to general equilibrium effects.

## WORK-IN-PROGRESS

1. “Heat and Agricultural Transformation”
2. “Career Mentoring and Educational Choices: Experimental Evidence from Bhutan,” with Hyuncheol Bryant Kim, Norihiko Matsuda, and Ryotaro Hayashi.
3. “Meta-analytic Review of Climate and Pollution Impacts on Human Capital,” with Patrick Behrer, Teevrat Garg, Alaka Holla, Trevor Dean Arnold, and Adriana Molina.

## TEACHING EXPERIENCE

Cornell University (Teaching Evaluation Mean Scores)

† denotes Master’s level courses

TA, Applied Econometrics†, Professor Brian Dillon, Fall 2021/2023 (4.50/5.00)

Co-instructor, Math and Statistics camp for incoming Master’s students, Summer 2022

TA, Economics of Developing Countries, Professor Brian Dillon, Spring 2021/2022 (4.50/5.00)

TA, Research and Methods†, Professors Mark Conostas and Aija Leiponen, Fall 2020 (4.60/5.00)

TA, Risk Simulation and Monte Carlo Methods†, Professor Calum Turvey, Spring 2020 (4.65/5.00)

TA, Introduction to Economics of Development, Professor Steven Kyle, Fall 2019 (3.63/5.00)

## RESEARCH EXPERIENCE AND OTHER EMPLOYMENT

World Bank Group, Short-term Consultant, April 2022-June 2022

Project “Meta-analytic Reviews of Literature on Climate Change and Human Capital”

Asian Development Bank, Short-term Consultant, April 2021-March 2022

Project “Impact Evaluation for Skills Training and Education Pathways Upgradation”

Cornell University, RA for Professor Christopher B. Barrett, 2018-2020

KDI School of Public Policy and Management, RA for Professor Booyuel Kim, 2017-2018

VNU-Hanoi Institute for Economic and Policy Research, Researcher, 2016-2018

Project “Labor Productivity and Wage Growth in Vietnam”

Project “Development Characteristics of SME Sector in Vietnam: Evidence from the Vietnam Enterprise Census 2006-2015”

## PROFESSIONAL ACTIVITIES

Conference and Workshop Presentations (*including scheduled*)

2023: Midwest International Economic Development Conference, Climate Economics Pipeline Workshop (Harvard Kennedy School), Agricultural & Applied Economics Association Annual Meeting, LSE Environment Week (London School of Economics), Development Workshop (Cornell University), North East Universities Development Consortium Conference (NEUDC, Harvard University), Applied Economics and Policy Seminar Series (Cornell University)

Paper “Climate Change and Intersectoral Labor Reallocation in a Developing Country”

2021: Agricultural & Applied Economics Association Annual Meeting (online)

Paper “The Child Education and Health Ethnic Inequality Consequences of Climate Shocks in Vietnam”

#### Discussion

2023: “Global Gains From a Green Energy Transition: Evidence on Coal-Fired Power and Air Quality Dissatisfaction” by Timothy Besley (LSE) and Azhar Hussain (LSE), discussed at Midwest International Economic Development Conference

#### Referee Service

*International Journal of Educational Development*

#### Other Service

Application Reviewer and Co-Mentor for STAARS Fellows Program, 2020-2021

## HONORS, AWARDS & FELLOWSHIPS

NEUDC Distinguished Paper Award 2023 (Harvard Kennedy School)

Paper “Climate Change and Intersectoral Labor Reallocation in a Developing Country”

Cornell University

Graduate School Fellowship Spring 2024, Conference Travel Grant 2021-2023

KDI School of Public Policy and Management

Outstanding Thesis & Academic Excellence 2016, Global Ambassador Scholarship 2015-2016

Vietnam National University Ho Chi Minh City

“Student of Five Merits” 2014, University of Economics and Law Dean’s List 2011-2015

Other organizations

Rencontres du Vietnam Odon Vallet Scholarship 2015, POSCO Asia Fellowship 2014, American Chamber of Commerce in Ho Chi Minh City Scholarship 2014

## REFERENCES

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