

## CURRICULUM VITAE

**DUONG PHUC TA**

[duongta@vt.edu](mailto:duongta@vt.edu)

### BIO

My name is Duong Phuc Ta. I am currently a Graduate Research Assistant and Doctoral student in the Department of Agricultural and Applied Economics at Virginia Tech. My research focuses on analyzing primary and secondary data to identify key patterns and drivers, ultimately informing policy design and recommendations aimed at improving societal well-being. My recent work centers on environmental and sustainable land use economics. Methodologically, I employ econometric and microeconomic tools, and I am increasingly interested in integrating machine learning and deep learning techniques into my research design and analysis.

### EDUCATION

8/2023 -	Ph.D. Student	<b>Virginia Tech University</b> (the USA) <i>Department of Agricultural and Applied Economics</i>
1/2014 - 1/2015	Master of Business and Financial Economics, MSc. (with distinction)	<b>University of Greenwich</b> (the UK) <i>Business School</i>
8/2004 – 7/2008	Bachelor of Economics	<b>National Economics University</b> (Vietnam) <i>Faculty of Economic Management</i>

### EMPLOYMENT HISTORY

8/2023 –	<b>Graduate Research Assistant and Ph.D. Student</b> <i>Virginia Tech University (USA), Department of Agricultural and Applied Economics.</i>
7/2018 – 12/2022	<b>Visiting researcher/ Consultant</b>

*The Alliance of Bioversity International and the International Center for Tropical Agriculture (CIAT), Asia Hub in Hanoi, Impact Assessment Team*

3/2009 – 7/2023

**Research fellow**

*Vietnam Institute of Economics- Vietnam Academy of Social Sciences (VASS)*

**ADDITIONAL COURSES/ CERTIFICATIONS**

10/ 2020	<i>Introduction to data analysis using R software</i>	The International Center for Tropical Agriculture (CIAT)
8/2019	<i>The Census and Survey Processing System (CSPro) programing to conduct surveys using tablets</i>	The International Center for Tropical Agriculture (CIAT)
3/2019	<i>Evaluating Social Programs</i>	Online course on Edx platform, provided by MIT lecturers
6/2013-8/2013	<i>International trade indicators: Data extraction and data analysis</i>	Vietnam Institute of Economics, Vietnam
4/2012	<i>Introduction to Input-Output Table in economic analysis</i>	Vietnam Institute of Economics, Vietnam
6/2011	<i>Introduction to Stata software for economic analysis</i>	Vietnam Institute of Economics, Vietnam
9/2010	<i>Developing research briefs and Policy briefs for research communication</i>	VASS-UNDP, Vietnam
3/2010-6/2010	<i>Research Methods in Social Sciences: Quantitative and qualitative method</i>	VASS, Vietnam

**RECENT WORKING EXPERIENCE**

<i>Research Project</i>	<i>Year</i>	<i>Contributions/ Tasks</i>
<p>“Impact assessment of Salinity intrusion on rice production behaviours of farmers in Vietnam Mekong Delta”</p> <p>(Virginia Tech and CIAT Asia)</p>	2019-2022	<ul style="list-style-type: none"> <li>-questionnaire development</li> <li>-develop survey program for data collection using CSPRO software</li> <li>-data collection supervisor</li> <li>-data cleaning</li> <li>-data analysis</li> <li>-writing (jointly) article papers</li> </ul>
<p>“Cassava production and value chain in Vietnam”</p> <p>(CIAT Asia)</p>	2019-2021	<ul style="list-style-type: none"> <li>-questionnaire development</li> <li>- develop survey program for data collection using CSPRO software</li> <li>-data collection supervisor</li> <li>-data cleaning</li> <li>-data analysis</li> <li>-writing (jointly) article papers</li> </ul>
<p>“Dynamics of farm/non-farm employments in Vietnam rural economy”</p>	2022	<ul style="list-style-type: none"> <li>-writing research proposal</li> <li>-data analysis</li> <li>-writing final research report</li> </ul>
<p>“Dynamics of agricultural structure under pressure of climate change in Vietnam Mekong Delta”</p>	2021	<ul style="list-style-type: none"> <li>-writing research proposal</li> <li>-data analysis</li> <li>-writing final research report</li> </ul>
<p>“Economic functions of household in Vietnam: status and trends”</p>	2017-2019	<ul style="list-style-type: none"> <li>-questionnaire design</li> <li>-data collection</li> <li>-data analysis</li> <li>-writing thematic report</li> </ul>
<p>“Improving global agricultural value chains in Vietnam: cases of lychee and tea industries”</p>	2016-2017	<ul style="list-style-type: none"> <li>-questionnaire design</li> <li>-data collection</li> <li>-data analysis</li> <li>-writing thematic report</li> </ul>

"Farm-firm linkages in Khanh Hoa province, Vietnam"	2016-2017	-questionnaire design -data collection -data analysis -writing thematic report
"Regional specialization of labours in Vietnam"	2016	-writing research proposal -data analysis -writing final research report

## PUBLICATIONS

### *Publications in English*

- 1) Bradford Mills, Dung Phuong Le, Duong Phuc Ta, Lien Nhu, Danh Thanh Vo & Ricardo Labarta (2022): Intensive and extensive rice farm adaptations in salinity-prone areas of the Mekong Delta, *Climate and Development*. DOI: 10.1080/17565529.2022.2072800  
(*Climate and Development Journal* : Impact Factor Best Quartile (Q1), indexed/ tracked by Scopus and other prestige services.) Link to the Journal: <https://www.tandfonline.com/journals/tcld20>
- 2) Ta Phuc Duong (2015), "Effects of Capital Flows on Housing Prices in Emerging Economies: a panel Approach", *Vietnam's Socio-Economic Development*, No. 81, April 2015.

### *Forthcoming:*

"Salinity Inundation, Profitability, and Rice Farming Exits in Mekong Delta of Vietnam", *Journal of the Agricultural & Applied Economics Association*. (with Bradford Mills, Chi Ta, Huong Nguyen).

### *Recent publications in Vietnamese:*

- 1) Ta Phuc Duong (2023), "Welfare impacts of non-farm livelihood participation of households in Vietnamese rural area", *Journal of economic studies*, 12 (523).
- 2) Ta Phuc Duong (2021), "Impacts of agricultural portfolio changes on farm household income under the context of climate changes in Vietnam Mekong Delta", *Journal of economic studies*, 12 (523).
- 3) Ta Phuc Duong and Nguyen Thi Anh Tuyet (2018), "Trends in economic functions of Vietnamese households", *Journal of economic studies*, 7 (482)

## Statistical softwares:

R; Stata; CSPRO (survey software).

## REFEREES

Below are details of my professional referees:

### **Bradford Mills**

Professor of the Department of Agricultural and Applied Economics, **Virginia Tech** University, the USA

#### ***Contact Information:***

Address: 250 Drillfield Dr.205-A Hutcheson Hall Blacksburg, VA 24061

Email: [bfmills@vt.edu](mailto:bfmills@vt.edu)

### **Vanya Slavchevska**

Social Policy Office, in the Inclusive Rural Transformation and Gender Equality Division of the Food and Agriculture Organization of the United Nations.

Former Scientist at Alliance of Bioversity International and CIAT- The Asia hub in Hanoi

#### ***Contact Information:***

Address: Rome, Latium, Italy

Email: [vanya.slavchevska@fao.org](mailto:vanya.slavchevska@fao.org)

*March, 2024*

Duong Phuc Ta