

# DIOGO BAPTISTA

Faculty of Economics, University of Cambridge  
Email: ds845@cam.ac.uk      Citizenship: Portuguese

## EDUCATION

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**PhD Student in Economics, University of Cambridge**      2019 - Exp. April 2024

- *Supervisors:* Prof. Vasco M. Carvalho and Prof. Giancarlo Corsetti

- *Research Group:* Macroeconomics

- *Thesis Title:* “Essays on Trade, Climate, and Spatial Economics”

My PhD utilizes modern quantitative spatial modelling tools and structural estimation techniques to investigate how space and spatial frictions affect economic outcomes, with a focus on trade, climate, and development issues.

**MPhil in Economic Research, University of Cambridge, *Distinction***      2018 - 2019

- *Thesis Title:* “Interstate Trade and the Trade Comovement Puzzle”

**Msc in Economics, The London School of Economics and Political Science**      2014 - 2015

**BSc in Economics, Nova School of Business and Economics**      2011 - 2014

## WORK EXPERIENCE

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**Projects Officer, International Monetary Fund**, Research Department      Nov 2021 - May 2023

Worked at the Development Macroeconomics unit of the Research Department under the supervision of Dr. Filiz Unsal (Deputy Head of Division). Tasks included:

- Developing, writing and calibrating a macroeconomic model of food insecurity and contributing to empirical work on the topic.
- Contributing to an IMF Departmental Paper on Climate Change and Food Insecurity in Sub-Saharan Africa (jointly with the African Department), and two IMF Selected Issues Papers.
- Producing an IMF Working Paper on the impact of climate shocks and households’ coping mechanisms in a quantitative spatial model calibrated for Nepal.

**PhD Intern, International Monetary Fund**, Strategy, Policy and Review      Jun 2022 - Sep 2022

Worked under the supervision of Dr. Vimal Thakoor and Dr. Annapurna Mitra on undertaking a stock-take of climate-related risks and measures, as well as countries’ exposure across multiple dimensions to help inform the implementation of the Fund’s climate strategy.

**Research Assistant, Centre for Economic Performance (CEP), UK**      Jun 2018 - Aug 2018

Worked under the supervision of Prof. Richard Layard and Dr. George Ward on a research project on subjective well-being and voting behavior. Tasks included:

- Collecting, merging, and cleaning data from large value surveys (e.g. WVS, EVS) and panels on political parties in power, party ideologies, and general country-level characteristics.
- Searching and synthesizing relevant literature for a book on subjective well-being and mental health.

**Research Assistant, STICERD (LSE), UK**      Nov 2015 - Oct 2016

Assisted Prof. Timothy Besley and Dr. Hannes Mueller in producing empirical work for research papers on political economy and the economic effects of tourism.

**Summer Intern**, Bank of Portugal

Jul 2014 - Aug 2014

Worked under the supervision of researchers Dr. Hugo Reis and Dr. Nuno Alves for a project on household consumption inequality in Portugal.

## TEACHING

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**Guest Teacher**, The London School of Economics

EC100 Economics A	2015 - 2016
EC102 Economics B	2016 - 2017
EC201 Microeconomic Principles I	2016 - 2018, 2019 - 2021
EC2B1 Macroeconomics II	2022 - 2023
EC212 Introduction to Econometrics (Summer School)	2017 - 2019
EC221 Principles of Econometrics	2018 - 2019
EC400 Introductory Course in Mathematics and Statistics (Masters)	2018 - 2019
MG205 Econometrics: Theory and Applications	2016-2018, 2021 - 2022
MG301 Strategy	2016 - 2018, 2020 - 2022

**Supervisor**, Jesus College, University of Cambridge

Part 2A Macroeconomics 2019

## HONORS AND AWARDS

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<b>Pigott Studentship</b> , University of Cambridge	2019 - 2022
<b>Class Teacher Awards</b> (Management Department), London School of Economics	2018
<b>Class Teacher Awards</b> (Economics Department), London School of Economics	2017, 2018

## ACADEMIC WORKING PAPERS AND WORK IN PROGRESS

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- Baptista, D. "Trading Away Weather Shocks: Climate Variability, Climate Change, and the Role of Trade", *Job Market Paper*
- Baptista, D., Spray, J., & Unsal, F. (2023) "Coping with Climate Shocks: Food Security in a Spatial Framework", IMF Working Paper 2023/166 (Washington: International Monetary Fund)
- Baptista, D. "Agglomeration Forces and the Spatial Distribution of Economic Activity"

## POLICY WORK

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- Baptista, D., Farid, M., Fayad, D., Kemoe, L., Lanci, L., Mitra, P., Muehlschlegel, T., Okou, C., Spray, J., Tuitoek, K. & Unsal, F. (2022). "Climate Change and Food Insecurity in Sub-Saharan Africa", IMF Departmental Paper No 2022/016
- Baptista, D., Diallo, Y., Kaho, A. (2023). "Economic Effects of Climate Change and Food Insecurity in Niger: Niger", Selected Issues Paper No. 2023/009
- Baptista, D., Goel A., Spray J., and Unsal F. (2023). "Climate Change, Food Insecurity and Remittances in Nepal", Nepal: Selected Issues, IMF Staff Country Reports, 2023(159)

## OTHER SKILLS

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**Software:** Stata • MATLAB • R • ArcGIS • L<sup>A</sup>T<sub>E</sub>X

**Languages:** Portuguese (*native*) • English (*fluent*) • Spanish (*advanced*)