

Macoura DOUMBIA

Economist

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Date of Birth: July 19th 1994

Fields of interest

Microeconomics, Macroeconomics, Environmental Economics, Public Health, Education economics, Regional Economics, International trade, Poverty, International Development Financing, Monetary policy Labor Economics, Agricultural Economics, International Development Economics, Impact Analysis, Applied Econometrics

Professional experience

- Jan 2023 - June. 2023 **Consultant in the framework of the World Bank Group Africa Fellowship program, [The World Bank](#) (Washington DC),**
As fellow, I am working with the Development Economics Research Group-Human Development team to assess the impact of natural disasters on girls' education in Mozambique and writing a research paper on it. I'm in charge of the economic analysis using STATA, the literature review and the writing of the research paper.
- April 2021 - April 2022 **Research assistant for the COVID4P research project, [IRD - DIAL](#) (Paris),**
As a research assistant, I was in charge of Programming questionnaires with the software programming language (ODK) and SurveyCTO software. I wrote interviewer manuals and other materials to help interviewers organize their work. During data collection in Burkina Faso, I was involved in training interviewers and checking the quality of the data collected. After the data collection phase, I was in charge of the proper storage and repatriation of the fine particle (PM2.5) collection equipment to France. Back in France after data collection, I supported for data cleaning and analysis.
- December 2020 - March 2021 **Administrative officer, [Research and Valorization Department / UCA](#) (Clermont-Ferrand),**
In this position, I reported on the statistics of the five doctoral schools of the university using Excel, PowerBI, Canva and chartblocks. I then used the statistics and graphs obtained to make a report on each doctoral school at the University Clermont Auvergne .
- July-Sept. 2019 **Research assistant, [United Nations Industrial Development Organisation](#) (Geneva),**
As research assistant, I did research on industrial policy in Africa as part of the third Industrial Development Decade for Africa (IDDA III) implemented by UNIDO. I participated in the organization of conferences and round tables that brought together representatives from different African countries in the framework of the Third Industrial Development Decade for Africa (IDDA III). These meetings allowed me to understand the framework of exchanges between international institutions and public decision-makers in African countries.
- July-Sept. 2018 **Independent consultant in "agricultural trade data analysis", [International Development Group](#) ,**
As consultant, I analyzed commercial agricultural data collected in CILSS (Comité permanent inter-État de lutte contre la sécheresse au Sahel) countries on behalf of USAID (United States Agency for International Development) using Stata software.
- June-August. 2018 **Research assistant, [Laboratoire de Statistique Appliquée à l'Analyse et la Recherche en Economie](#) (Casablanca),**
In this position, I wrote a research paper on the topic "Sub-saharan migration in transit countries". I have used survey data on sub-Saharan migrants in Morocco to analyze their integration into the Moroccan labor market compared with natives. This study was published as a chapter in the book "Migration, remittances, and Sustainable Development in Africa" edited by Linguère Mously Mbaye and Maty Konte and published by Routledge.

Teaching experience

- Sept. 2022 - Feb. 2023 **Teaching Assistant, [CERDI](#) (Clermont-Ferrand),**
Teaching tutorials in Economics to students in the first year of a degree in Economics and Management.
- January - March 2021 **Teaching Assistant, [School of Economics/ UCA](#) (Clermont-Ferrand),**
In this position, I taught microeconomics to undergraduates.
- September - December 2020 **Teaching Assistant, [School of Economics/ UCA](#) (Clermont-Ferrand),**
In this position, I taught microeconomics to undergraduates.
- January - March 2020 **Teaching Assistant, [School of Economics/ UCA](#) (Clermont-Ferrand),**
In this position, I taught mathematics and statistics to undergraduates.

Education

- Oct. 2019– **Ph.D Candidate in Economics,**
[Laboratoire d'Economie d'Orléans - University Clermont Auvergne \(LEO-UCA\)](#)
[University Clermont Auvergne \(UCA\)](#), Clermont-Ferrand (France)
Topic: «Air pollution, natural disaster and development outcomes»
Supervisors: [Pascale MOTEL-COMBES](#) and [Sonia SCHWARTZ](#).
- 2018-2019 **2nd year of Master degree in economic analysis of development (Magister 3 in Development Economics)(with honours),**
[Centre d'Etudes et de Recherches sur le Développement International \(CERDI\)](#), [UCA](#), Clermont-Ferrand (France)
Thesis: «Impact of particulate matter pollution on labor productivity in developing countries».
- 2017-2018 **1st year of Master degree in economic analysis of development (Magister 2 in Development Economics),**
[CERDI](#), [UCA](#), Clermont-Ferrand (France)
Thesis: «Impact of macroeconomic instability on agricultural investment in developing countries».
- 2016-2017 **Bachelor in economics (Magister 1 in Development Economics),**
[CERDI](#), [UCA](#), Clermont-Ferrand (France)
Thesis: «Are communication infrastructures crucial for growth?».

Research activity

Book chapter

Fouzi Mourji, Claire Ricard and Macoura Doumbia "Sub-saharan migration in transit countries", Routledge 2020

Working papers

"Impact of particulate matter pollution on labor productivity in developing countries"

"Does particulate matter pollution affect school attendance in South Africa?"

"Indoor air pollution and health in Côte d'Ivoire : does the age group matter? "

"Impact of protected areas on fuel choice : the case of Ivorian households"

Papers in progress

"Fuel consumption and air pollution exposure : the case of Burkina Faso" co-authored with Philippe De Vreyer, Elodie Djemai and Thomas Thivillon

"Impact of natural disaster on girls' education in Mozambique" co-authored with Damien De Walque and Christine Valente

"Air pollution and enterprise productivity in developing countries" co-authored with Lucien Ahouangbe

Practical Skills

Quantitative Techniques

I master Data collection and analysis, survey techniques, programming survey questionnaire (with ODK and surveyCTO), impact assessment methodology, cross-section data econometrics, time series econometrics, qualitative variables econometrics

Computer Science and Languages

Softwares Stata, R, Eviews, GAMS, QGIS, ArcGIS, PowerBI, Canva, Chartblocks, SurveyCTO, programming language ODK
Office Word, Excel, Powerpoint, \LaTeX
Languages French (Excellent), English (Intermediate), Dioula (Mother tongue)

Certifications and trainings

Certification

Sept - Oct 2020 **Environmental Assessment of Development Policies and Projects**,
[Objectif 2030](#), [Organisation Internationale de la Francophonie](#), [Université Senghor](#) .

Training

November 2018 **European Commission (Brussels)**,
Training seminars on the criteria for awarding official development assistance of European Union.

April 2017 **International Trade Center (ITC) and International Labour Organization (ILO) (Geneva)**,
Training seminars on support to exporting firms in developing and transition countries by ITC. The ILO training seminar focused on promoting rights at work, creating decent jobs and developing social protection.

Other Activities

Sport Fitness
Associations Association of Burkinabés in Clermont (ABuC)
Doctoral school Representative of Ph.D students within the doctoral school

References

PhD supervisors

[Pascale MOTEL-COMBES](#), Full professor, LEO-UCA

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[Sonia SCHWARTZ](#), Full professor, LEO-UCA

✉ Sonia.SCHWARTZ@uca.fr

Professional references

[Philippe DE VREYER](#), Professor of Economics at the University of Paris-Dauphine and Director of LEDa

✉ philippe.devreyer@dauphine.psl.eu

[Elodie DJEMAI](#), Associate Professor in Economics at the University of Paris-Dauphine

✉ elodie.djemai@dauphine.psl.eu