

ABOU KARAMOGOBA OUATTARA

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PROFILE

PhD Candidate in Development Economics at the Poitiers Economics Laboratory (LEP). My research explores the interactions between natural resources, climate change, governance, and skilled migration, combining theoretical spatial endogenous growth models and applied econometric analysis using both micro and macro data to understand the drivers of sustainable development and brain drain dynamics.

EDUCATION

- PhD Candidate in Economics** 2025 – Present
Specialization: Applied and Development Economics (Natural Resources, Governance and Migration)
University of Poitiers, France
Thesis title: Natural resources, governance and environmental vulnerabilities: A theoretical and empirical analysis of brain drain in Africa and the Arab World.
Supervisor: Prof. Ahmed Tritah, Laboratoire d'Économie de Poitiers (LÉP)
- Master's Degree in Public Policy Evaluation (Health, Education & Employment)** 2024 – 2025
University of Poitiers, France
Main courses: Advanced Econometrics, Policy Evaluation Methods (DiD, Matching, RDD), Health Economic Evaluation Methods, Labour Economics, Software, Public Management.
- Master's Program in Public Policy and Economics (coursework completed)** 2023 – 2024
Université Lumière Lyon 2, France
Main courses: Financial Econometrics, Time Series Analysis, Risk & Uncertainty, Health Economics, Dynamic economic and forecast, Behavioural Public Economics.
- Master's Degree in Economic Policy and Modeling** 2019 – 2020
Alassane Ouattara University of Bouaké, Côte d'Ivoire
Main courses: Macroeconometrics, Microeconometrics, Database Engineering and Analytics, Time Series Analysis, International Capital Markets.
- Bachelor's Degree in Economics** 2017 – 2018
University of Poitiers, France
- Scientific Baccalaureate (Series D)** 2014 – 2015
Modern High School of Agnibilékrou, Côte d'Ivoire

PROFESSIONAL EXPERIENCE

- Poitiers Economics Laboratory (LÉP)** Jan. 2025 – Sep. 2025
Research Assistant Intern Poitiers, France
- Literature review on migration dynamics
 - Cleaning, structuring, and merging large multi-source datasets
 - Econometric and statistical analyses (R, Stata, Python), including gravity and PPML models
 - Drafted reports and summaries for researchers and partner institutions
- Alassane Ouattara University of Bouaké** 2021 – 2023
Teaching Assistant (UG Year 1 and 2 Tutorials) Bouaké, Côte d'Ivoire
- Mathematics: Linear Algebra, Statistics, Probability
 - Economics: Microeconomics, Macroeconomics

TECHNICAL & ANALYTICAL SKILLS

Econometrics	: Time series and panel data; gravity models; PPML; logistic & probit; duration models (Cox models); multinomial models (discrete choice models); multilevel models; DiD; RDD.
Simulation methods	: Bootstrap (cost uncertainty), Monte Carlo (health policy scenarios).
Programming	: R (tidyverse, ggplot2, dplyr, boot), Python (pandas, numpy, matplotlib, statsmodels, scikit-learn), Stata, SAS.
Health Econ Eval	: CBA, CEA, CUA; PSA (probabilistic sensitivity analysis); SROI (Social Return on Investment)
Spatial & Int. Econ.	: Trade gravity estimation, migration networks, spatial econometrics (planned extension).
Exp. & Behav. Econ.	: Lab/field experiments; nudges & boosts; revealed preferences.
Macro & IO	: Advanced macroeconomics (RBC, DSGE), Input-Output methods
Data & DB	: SQL, NoSQL; big data processing; data engineering and documentation
BI/Reporting	: Power BI; reproducible research workflows

MANAGEMENT, COMMUNICATION & RESEARCH SKILLS

Research project management and monitoring; literature review and academic writing; scientific communication; public management and coordination of evaluation teams.

Languages: French (fluent), English (professional proficiency).

SELECTED PROJECTS

Impact Evaluation of Vocational Training on Employment 2025

Individual-level database

- Data cleaning and processing; descriptive statistics and construction of the counterfactual
- ATT estimation using matching methods; policy relevance for labour market integration

CAPEE & University of Poitiers

2024 – 2025

Research Project: Evaluation of Non-Take-Up of the CASSC Scheme

Poitiers, France

- Construction and exploitation of a database to identify profiles of non-users
- Descriptive analyses

THESES

New African Diasporic Frontier: Dynamics and Determinants by Education Level 2025

Master's in Applied Economics – Public Policy Evaluation (Health and Employment), University of Poitiers.

Supervised by **Prof. Ahmed Tritah**.

Climate Shocks and Economic Resilience: The Role of Natural Resources in Ivory Coast and Nigeria 2024

Master's Program in Public Policy and Economics, Université Lumière Lyon 2 (France).

Supervised by **Prof. Frédéric Journeau**.

Impact of Commodity Price Fluctuations on African Stock Markets 2020

Master's in Economic Policy and Modeling, Alassane Ouattara University of Bouaké (Côte d'Ivoire).

Supervised by **Prof. Brou Bosson**.

PUBLICATIONS

- *(Submitted Article):* Financial market efficiency in Africa: a multi-fractal approach. *Target journal: Economics Letters* (under review).