

Pengd-Wendé Richard NIKIEMA

PhD candidate in Economics – Research Consultant

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Fields of interest

- **Sustainable Finance:** Climate Finance, Green Bonds, Carbon Pricing effectiveness
- **Sustainable Development :** Impact of Gold Mining
- **Climate Policies Evaluation:** Effectiveness of Nationally Determined Contributions (NDCs), Climate Policy Impact Assessment, Policy Coherence for Climate and Development.
- **Data for Development:** Automated data extraction from websites (web scraping) and PDF documents (text mining and parsing techniques).
- **Modeling:** Stock-Flow Consistent (SFC) Modeling, Macroeconomic Simulation, Scenario Analysis.

Current Position

- **Oct-2023 – Present:** PhD candidate in Economics, Economics Laboratory of Orléans (LEO) and University of Clermont Auvergne, France

Thesis topic : Green Finance, Efficiency and Prospects for Effective Resource Mobilization for Climate Action

Supervisor : Jean-Louis COMBES (Laboratoire d'Economie d'Orléans Université Clermont Auvergne)

- **Sept-2023 – Present: Research Consultant,** *The World Bank*, Paris, France
 - Contribution to climate finance position note.
 - Contribution to international taxation note.
 - Participation in C3A events including COP.
 - Calibration of FSMAT Model on Uzbekistan

Past Experiences

- **May–Sept 2023: Research assistant,** *Foundation for International Development Studies and Research (FERDI)*, Clermont-Ferrand, France
Contribution to the study on the local impact of development banks (data collection and analysis)
- **Jan-july 2022: Project assistant-internship,** *Foundation for International Development Studies and Research (FERDI)*, Clermont-Ferrand, France
 - Feasibility analysis for the establishment of a university of excellence in the CEMAC area, informed by survey data.

- Creation of a database on Development Finance Institutions action in financial sector in Africa : Web scraping methods on python, automation of task execution on Windows
- **2021, 2022: Educational Tutor**, *Université Clermont Auvergne , Clermont-Ferrand, France*
 - Followed bachelor 2 students in Macroeconomics: Economic Policies
 - Followed bachelor 2 students in Microeconomics: General Equilibrium
 - Followed bachelor 1 students in Mathematics
- **2019: Population policies evaluation internship**, *Ministry of Economy and Finance, Burkina Faso*
Contribution to project evaluation, drafting of reports, and stakeholder coordination.

Education

- **2023:** Magistère (M2) in Development Economics, *Université Clermont Auvergne*, France
- **2020:** Bachelor in Development Economics, *Université Clermont Auvergne*, France
- **2019:** Bachelor in Economic Policy Analysis, *Université Norbert ZONGO*, Burkina Faso

Research

2025 (In progress)–**Ten Years After the Paris Agreement: Are Countries on Track to Meet Their NDC Emission Reduction Goals? The Role of Carbon Pricing.** With Bastien Bedossa, Etienne Espagne and Pascale MOTEL-COMBES

2024– **Working Paper – Does climate finance improve the environmental quality of recipient countries? Evidence from shift share instrument**

2023– **Transferts de migrants et Investissement privé : Analyse à partir d'un nouvel instrument dans les pays en développement**, With Rayangnewende Frans Leny SAWADOGO and Richard Gilbert NIKIEMA

2022– **Impact des bourses sur la performance académique des étudiants du Magistère de l'UCA**, With Rayangnewende Frans Leny SAWADOGO and Diafarou DJIBO TINNI

2021– **Effet du dividende démographique sur la croissance économique dans les pays en développement.** With Edwige BAYILI and Neerbewende Rachid PAFAD-NAM

2020–**Impact of Climate Shocks on Economic Growth in 195 Countries.** With Antonin Jobic, Edwige BAYILI and Armel KOFFI

2020–**Analyse de la pauvreté multidimensionnelle en Ethiopie.** With Edwige BAYILI and Noémie LACROIX

2019– **Effets de l'Orpaillage sur le développement durable au Burkina Faso.** With Wendpouiré Hiver NITIEMA

Technical Skills

Software: *Python, R , Stata, QGIS, Kobo Toolbox, Microsoft Office Suite (Word, Excel, PowerPoint), LaTeX*

Methods: Panel data econometrics, impact evaluation methods, Instrumental Variables, Shift share instruments, Web Scraping, Text Mining

Languages

- French: Native
- English: Intermediate

References

Professor Jean-Louis COMBES : J-Louis.COMBES@uca.fr