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EDUCATION and SCHOLARSHIP

- ✚ **PhD student: Université de Montpellier, CEE-M (Centre d'Economie de l'Environnement de Montpellier)**
- ✚ **Masters 2: Université Paris Saclay, AgroParisTech (Paris, France), 2023.** Master Economics, Environment, Energy and Transports (EEET), Specialty: Prospective Modeling.
- ✚ **Masters: Université of Joseph Ki-Zerbo (Burkina Faso), 2021- 2023.** Ecole Doctorale Informatics for climate change (ED-ICC / WASCAL).
- ✚ **Bachelor : Université du Lome (Togo), 2017-2020.** FASEG : Faculté des Sciences Economiques et de Gestion. **Specialty:** International Economics.
- ✚ **English Proficiency: University of Cape Coast (Ghana), 2021** Department of English

WORK EXPERIENCES

- ✚ October 2024: PhD in progress.
Topic: Drought and Conflicts in Sub-Saharan Africa.
Research field: environmental economics.
- ✚ March 2024 – September 2024: **Research Internship at INRAE – BETA.**
Tasks: Discrete choice experiment, survey, data wrangling, econometrics and report writing.
Research field: environmental economics, non-market valuation methods
- ✚ January 2023 – June 2023: **Research Internship at Competence Center, WASCAL** under the Department of Economics and Climate Services.
Tasks: Secondary data collection and analysis, Spatial data analysis (GIS), econometrics and report writing.
Research field: climate change economics, migration, agricultural economics.
- ✚ August 2023 – September 2023: I volunteered at **Climate Analytics** in Togo's Long-term low emissions development strategies (LT-LEDS) project and completed tasks like reporting.

PROJECTS

- 1- Elicited preferences on forest planning in France. The project goal is to contribute to the design and conduct choice experiment to evaluate forest management scenarios and ecosystem service packages within the context of climate change.
- 2- Endogenization of active modes in the modeling of demand for mobility in France using MARKAL-TIMES (collaborative work supervised by Edi ASSOUMOU)
- 3- Assessing the Impact of climate extreme events and conflicts on Internal migration in Burkina Faso. The objectives were to examine the dynamics of climate extreme events, conflicts, and internal displacement in Burkina Faso and to develop a forecasting model for internal displacement in Burkina Faso for 2025.
- 4- Impact of climate change on maize production in West Africa. It consists of using the GFDL-ESMA2M, HADGEM2-ES, and IPSL-CM5A models for temporal and spatial analysis of maize distribution in West Africa. Other concerns were to observe the climatology of production and annual changes in distribution.
- 5- Spatial Data analysis of malaria distribution in Africa. The project uses statistical approaches, and geographic information systems (GIS).

LANGUAGE SKILLS

	<u>Understanding</u>	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
Ewe	Native	Native	Native	Native
English	Proficient	Proficient	Proficient	Proficient
French	Native	Native	Native	Native

RELEVANT SKILLS

Software:

R, Python, Stata, GAMS, QGIS, ArcGIS, Ferret, CDO, Pack Office, Eviews, LimeSurvey, ODK, Kobo collect, Vensim, Power BI, SAP Analytics, Google Earth Engine, GitHub, communication tools, and many others.

CONFERENCES AND ARTICLE

- Climate Forum 2023 at Mittweida University (Germany)
- WASCAL Science Symposium WASS (2022)
- HABITABLE Final Conference (2024)
- Assessing the Impact of Climate Extreme Events and Conflicts on Internal Displacement in Burkina Faso. (Under review for publication)
- Elicited preferences on forest planning in France. (Article in progress)

CERTIFICATES and LEADERSHIP ACTIVITIES

- Environmental economics and natural resource management (IFDD)
- Understanding and analyzing sustainable development issues and actions (IFDD)
- Statistical Decision Making in Data Science with Case Study (Udemy)
- Python for Data Science and Machine Learning (Udemy)
- Economics, Microeconomics, Macroeconomics, Managerial economics, business economics, Global economics, Econometrics (Udemy)
- Use Python, Pyomo and GAMS to develop optimization models for electricity grids with energy storage and renewables (Udemy)
- GIS for Climate Action (ESRI)
- Web Automation and Scraping using Python (Udemy)
- Conduct applied spatial analysis (Remote Sensing & GIS) for Environmental Applications in QGIS & Google Earth Engine (Udemy)
- Financial modeling and analysis (Udemy)
- Migration policies (IDEP)
- Youth Climate Negotiator (IDEP)
- YALI RLC West Africa Emerging Leaders Program (2023), Online Cohort 42

REFERENCE CONTACTS

- 1- Raphaël SOUBEYRAN, Adjunct Director of the Center for Environmental Economics - Montpellier (CEE-M), raphael.soubeyran@inrae.fr
- 2- Ousmane COULIBALY, Deputy Director of MRP-ICC, Lecture at MRP-ICC and the Université Joseph-Ki Zerbo, Email: coulous2005@yahoo.fr
- 3- Kwami Ossadzifo WONRYA, Associate Professor and Deputy Director of Economics at the Department of Economics and Management, Université de Kara, Togo. Email: wonyra.ossa@gmail.com
- 4- Safietou SANFO, Agricultural Economist at the WASCAL Competence Center and Associate Professor at the Université Thomas Sankara, Ouagadougou, Burkina. Email: sanfo.s@wascal.org