Lucien Chaffa

Office Contact Information
Université de montréal
Department of Economics
3150, Jean-Brillant street
C-6070-10, Lionel Groulx Building
Montreal, QC, H3C 3J7
Canada

Personal Contact Information
Phone: +1 514 402 4189
E-mail: lucien.chaffa@umontreal.ca
https://lucienchaffa.github.io
Citizenship: Benin

References

Guillaume Sublet (chair)
Université de Montréal
Department of Economics
3150, Jean-Brillant street
Montreal,QC, H3C 3J7, Canada
Tel: +1 438 405 6142
guillaume.sublet@umontreal.ca

Emanuela Cardia
Université de Montréal
Department of Economics
3150, Jean-Brillant street
Montreal,QC, H3C 3J7, Canada
Tel: +1 514 343 6111 #42831
emanuela.cardia@umontreal.ca

EDUCATION

Ph.D. in Economics, University of Montreal, Canada	May 2023 (expected)
M.Sc. in Statistics and Economics, Ecole Nationale de Statistique et d'Economie Appliquée, Ivory Coast	2017
B.Sc. in Statistics, Ecole Nationale d'Economie Appliquée et de Management, Benin	2013
B.Sc. in Economics, University of Abomey-Calavi, Benin	2012

RESEARCH FIELD

Macroeconomics, International Economics, Fiscal Policy, Business Cycles

WORKING PAPERS

"Quantitative Exploration of Fiscal Rules for WAEMU Countries" (Job Market Paper)

"International Business Cycle Accounting"

WORKS IN PROGRESS

"Delay and Bribe on Highways: the effect on regional trade integration in West

Africa", with Marius Adom

ACADEMIC AND PROFESSIONAL EXPERIENCES

Research assistant for Guillaume Sublet	Summer 2020
Statistician and Economist inter for Cellule de recherche de l'ENSEA-Abidjan.	2016
Statistician inter, Direction of Forecasting and Business Cycle (DPC), Benin	Fall 2013
Economist Intern, Société Béninoise des Manutentions Portuaires, Benin	Fall 2012

TEACHING EXPERIENCES

Lecturer, University of Montreal

Principles of Economics (Undergraduate): Summer 2022, Fall 2021, Fall 2020.

Initiation to Economics (Undergraduate): Winter 2021, Fall 2019

Teaching assistant, University of Montreal

Macroeconomics (Ph.D.): Winter 2020, Winter 2021.

Macroeconomics (Undergraduate): Winter 2020, Fall 2019, Fall 2018.

Econometrics II (Undergraduate): Winter 2022.

Econometrics (Honor Undergraduate): Winter 2022.

Principle of economics (Undergraduate): Fall 2020.

Introduction to microeconomics (Undergraduate): Winter 2021, Winter 2019.

Economy and Globalization (Undergraduate): Summer 2021, Summer 2018.

CONFERENCE PRESENTATIONS

60th Annual Congress of the Société canadienne de science économique

61th Annual Congress of the Société canadienne de science économique

FELLOWSHIPS, HONORS AND AWARDS

Mitacs' Training Fellowship, Mitacs	Summer 2020
Ph.D. Fellowship, Department of Economics, University of Montreal	2017-2022
Ph.D. Fellowship, CIREQ, University of Montreal	2017-2022
Beninese Government Scholarship	2014-2017
Beninese's Foreign Scholarship of Excellence	2009-2013

SKILLS

Software: Matlab, Stata, Python, SPSS, Latex

Languages

French (Native), English (Advanced)

Summary of my working papers

"Quantitative Exploration of Fiscal Rules for WAEMU Countries" (**Job Market Paper**)

West African Economic and Monetary Union (WAEMU) countries are capital market integrated and design jointly their fiscal and monetary policies. This paper offers a quantitative analysis of the fiscal rule in this economic and monetary union and characterizes an optimal reforms. The theoretical framework used is a model of fiscal policy where present-biased governments face shocks to their fiscal needs. The structure of the model implies a trade-off between flexibility for the government to react to shocks and commitment to limit its incentives to overborrow. I documented a significant heterogeneity in government revenue, spending, and debt across WAEMU countries. I found that the current uniform 3% deficit rule improves the citizens' welfare of all WAEMU countries compared to full discretion. However, country-specific fiscal rules would be Pareto improving reform over the current uniform rule either when the governments individually design their rules or when a central authority jointly designs the rules for the governments. Each country's optimal deficit limit level is influenced by the volatility of the shocks on it government revenues and the level of the present-bias of the government.

"International Business Cycle Accounting"

We develop a method that can give insights to researchers to better specify their quantitative models in international business cycles studies. The guidance comes from the application of accounting procedure that is base on prototype model of international growth model including wedges that captures all the eventual frictions and distortions of markets. For each country, we include -efficiency wedge, labor wedge, investment wedge, government wedge, preference wedge and foreign asset wedge. We then demonstrate the method by applying to US and Canada during the Great recession (2007-2008). We found that the economic downturns in both countries during this period is primary due to US investment wedge, US labor wedge, US efficiency wedge and secondary is due to Canada investment wedge. Those results suggest that the crisis has started in US and has propagated to Canada.