SULPICE AMONLE

Université Laval, Québec, Canada
+1 (514) 707-3602 | sulpiceamonle@gmail.com | sulpice.github.io | LinkedIn

RESEARCH FIELDS

Primary: Macroeconomics, International Trade, Applied Econometrics
Secondary: Environmental Economics, Structural Change

EDUCATION

Université Laval, Canada Dec. 2026 (expected)
Ph.D. in Agricultural and International Economics

Graduate School of Statistics and Applied Economics (ENSEA), Côte d'Ivoire Aug. 2019
M.Sc. in Economics and Statistics

École Nationale d'Économie Appliquée et de Management (ENEAM), Benin Aug. 2014
B.Sc. in Statistics

RESEARCH AND PROFESSIONAL EXPERIENCE

World Bank, Africa Region – Washington, DC, USA Jan.–Jun. 2025
Ph.D. Research Fellow

Agriculture and Agri-Food Canada – Ottawa, Canada Jul.–Dec. 2024
Macroeconomist (Ph.D. Intern)

World Bank, Poverty and Equity – Washington, DC, USA Jul. 2019–Jun. 2021
Economist-Statistician

Central Bank of West African States (BCEAO) – Cotonou, Benin Jan. 2018–Dec. 2018
Junior Professional, Statistics Department, Benin

National Institute of Statistics – Cotonou, Benin Sep.–Dec. 2015
Research Associate

JOB MARKET PAPER

Climate Change, Comparative Advantages, and Structural Transformation in Agriculture [Paper]

Abstract. Climate change is expected to reshape agricultural productivity and comparative advantages across countries, with important consequences for economic welfare. Yet these consequences depend not only on where productivity changes, but also on how countries consume, produce, and trade. This paper investigates how consumption patterns and international trade shape the unequal welfare consequences of climate change. I combine rich, spatially disaggregated data on crop-specific agricultural productivity under alternative climate conditions with bilateral trade flows and country-level expenditure data in a multi-country Ricardian general equilibrium trade model with non-homothetic preferences. I find that climate-induced productivity shocks reduce global welfare by 0.72% of world GDP, with particularly large losses in lower-middle-income economies. A welfare decomposition reveals that the price effect dominates the structural change effect, which captures income-driven adjustments in consumption expenditure shares. Counterfactual simulations further show that differences in food expenditure shares amplify welfare losses in poorer economies. Finally, export restrictions by major agricultural suppliers exacerbate these losses, while removing existing export taxes can partially mitigate them. These findings highlight how consumption exposure and international trade policies shape the unequal economic consequences of climate change.

WORKING PAPERS AND PUBLICATIONS

Working Paper

Total Factor Productivity, Markup and the Role of Climate Change. With Lota Tamini. Under review, *American Journal of Agricultural Economics*. [Paper]

Peer-Reviewed Articles

Global Value Chains, Labor Productivity, and Inclusive Growth in Africa: Empirical Evidence from Heterogeneous Panel Methods. With Jeffrey Kouton. *Journal of Social and Economic Development* 23, 1–23 (2020).

The Dynamic Impact of Renewable Energy Consumption on Economic Growth: The Case of Côte d'Ivoire. With Jeffrey Kouton. *Journal of Economics and Sustainable Development* 10(18), 167–174 (2019).

Other Writing

Listening to Citizens of Ukraine Survey. World Bank Blogs, with coauthors (2025).

TEACHING EXPERIENCE

Université Laval – Lecturer — Winter 2023, 2024, 2025
Agri-Food Markets and Prices (undergraduate and graduate levels).
Delivered lectures and taught applied economic analysis using R and Stata.

Université Laval – Teaching Assistant — Aug. 2023–Apr. 2025
Microeconomics, Macroeconomics, and Statistics.
Led tutorials and supervised applied data analysis labs.

CONFERENCES AND WORKSHOPS

Société Canadienne de Science Économique (SCSE), annual conference	May 2026
Africa Training Workshop in Macro-Econometrics	Nov. 2025
Canadian Economics Association, annual conference	May 2025
CSAE Conference: Economic Development in Africa, Oxford, UK	Mar. 2025
Joint CAES/SCAE–WAEA Agri-Food Policy Conference, Vancouver	Jul. 2023

AWARDS AND FELLOWSHIPS

World Bank Group Fellowship, Africa Region	2025
Erasmus Mundus Visiting Ph.D. Scholarship	2024
Ph.D. Qualifying Exam Scholarship	2022
Government of Benin Undergraduate Scholarship of Excellence	2011–2014

SERVICE

Université Laval – Ph.D. Student Representative — 2024–2025
Represented doctoral students in discussions with program administrators; helped secure conference funding and organized student activities.

ENSEA – President, EcoStat — 2019
Coordinated economic writing, publications, and student outreach.

LANGUAGES AND TECHNICAL SKILLS

Languages: French (native), English (full professional), Spanish (beginner).

Programming and modelling: Stata, R, Python, SQL, MATLAB, GAMS, LaTeX.

Professional memberships: Canadian Economics Association, Econometric Society, Canadian Agricultural Economics Society, Agricultural & Applied Economics Association.