




**Elodie Marlet**

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Languages: English, French, Spanish (intermediate)

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While completing my Ph.D. in Economics, I took many courses in Econometrics and Development Economics, sharpening my ability to leverage survey data and apply econometric techniques. I've interned at the IMF and the OECD, top international organizations and major research institutions, where I furthered my passion for policy analysis and learned what it takes to make meaningful contributions to policy.

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**TECHNICAL SKILLS:** MS Excel, MS Access, Stata, R, ArcGIS, Python, MATLAB, GAUSS.

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## EDUCATION

- **Ph.D. in Economics (GPA: 3.74/4.0)** June 2020 (expected)  
University of Washington, Seattle, WA
- **M.Sc. (Administration)-Major: Applied Economics (GPA: 3.94/4.3)** June 2014  
HEC Montreal, Montreal, QC, Canada
- **Bachelor (Administration)-Major: Finance, HEC Montreal** June 2012  
Selected for an academic term in Seoul, South Korea at EWha University (2010)

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## RELEVANT RESEARCH

**Ph.D. Dissertation:** *"The Mining Industry in Sub-Saharan Africa: Impacts on Employment, Migration and Environment"*

- Used a difference-in-difference strategy with spatial and temporal variation in minerals production in Sub-Saharan Africa to measure the effects of mine openings on gender-specific labor allocation.
- Employed a structural gravity model calibrated with a general equilibrium trade model to help study migration flows to mining areas in Ghana.

**Ongoing research:** *"Links Between Market Liberalization and Political Instability"*

- Applied a Structural Vector Autoregressive System (SVAR) and a Granger causality test to understand the links between market liberalization, inequality and political instability in Zimbabwe.

**Master's degree research thesis:** *"The HIPC Initiative from the IMF and its efficiency in curbing poverty"*

- Used a structural and Panel Vector Autoregressive Systems estimated with a Generalized Method of Moments.

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## PROFESSIONAL EXPERIENCE

**Organisation for Economic Co-operation and Development (OECD), Paris, France** June – October 2019

**Intern in the Trade and Agriculture Directorate, Smart Data & Modelling Unit**

- Sorted import refusals data from Japan, the United States and the European Union in 100 broad categories using Python and supervised machine learning.
- Co-authored a trade policy working paper on the estimation of ad-valorem equivalents of non-tariff measures using a structural gravity model and data from CEPII and UNCTAD.

**International Monetary Fund (IMF), Washington, D.C.**

July – September 2017

**Summer Fund Internship Program in the Statistics department**

- Wrote the following working paper under the supervision of Rasmané Ouedraogo: "Foreign Direct Investments and Women's Empowerment: New Evidence on Developing Countries" (WP 1825).
- Employed a SUREG estimation technique on STATA to show the impact of FDI inflows on gender inequality and women's welfare in developing countries using data mostly from the IMF and UNDP.

**University of Washington, Seattle, WA**

January 2015 – Present

**Teaching Assistant for introductory and intermediate Economics and Statistics courses**