

Areas of Competence

Development Economics, Macroeconomics, Microeconomics, Fiscal Policy, Domestic revenue mobilization, Debt sustainability and risks management, International taxation, Taxation and development, Extractive industries, Rent-sharing techniques, Transparency, Environment policy, Conflict and Violence, Applied Econometric (Panel data, time series, cross-section, and Causal inference and policy evaluation for (Quasi) experimental data and Non-experimental data, Instrumental variable), Agricultural, Poverty & Inequality, Sustainability & Infrastructure, Human Development, Financial development, Trade & International Integration, Migration, Public-Private Partnerships (PPPs), Energy Transition, Modeling (Computable General Equilibrium Models (CGEM) & Simulation of the NREGI - FARI model)

Experience

Consultancies & Internships

- June, 2022 - **Consultant at French Agency of Development (AFD), Paris, France, STUDY OF THE MINING SECTOR IN AFRICA**, Contributed to analyze: Issues around mining; Governance of the mining sector; Social and environmental sustainability of the sector; Real contribution to economies (effect on growth and employment, macroeconomic instability, government revenues); Financial modelling of mining projects .
- Sept, 2022
- Nov. 2021 - **Associate Consultant at African Development Bank (AfDB), Abidjan (Côte d'Ivoire), Impact Evaluation of Democratic Republic of Congo (DRC) Public Finance Modernization (Digitalization) Support Project (PAM-FP)**, For the quality of the impact assessment we had meetings with other stakeholders such as World Bank, European Union, IMF, French Development Agency (AFD), UNDP. Contributed to Literature review, collected secondary and primary (survey) data, Development of the questionnaire, training of supervisors and interviewers, Statistics and Econometric analysis (Prove - Improve), Inception report, Data Collection Report, and Final Technical Report & Final Summary Report.
- June.2022
- Oct.- **Research assistant on the state of tax revenue statistics in Sub-Saharan Africa at FERDI (Fondation pour les Etudes et Recherches sur le Développement International), Clermont-Ferrand (France), Collection of tax revenue data from various existing sources; cross-checking data by length, structure, gaps, and methodology. The main objective is to identify data inconsistencies and propose the best information on tax revenue statistics.**
- Nov.2021
- June - Sept. **Fund Internship Program (FIP 2021), International Monetary Fund (IMF), Washington D.C, USA., Debt and Financing Issues: supporting analytical and operational work on infrastructure financing to (i) meet the authorities' needs and request for advice on this topic, and (ii) feed into discussions with the resumption of the ECF-supported program, The tasks include specifically:** Producing a monthly public debt and financing monitor; A note for the authorities to highlight the benefits and costs of different infrastructure financing options for Sierra Leone, with a focus on public-private partnerships; Preparing a presentation to the authorities; and a blog and working paper, **Internships.**
- 2021
- Nov. 2020 - **Junior Consultant at French Development Agency (AFD), Paris (France), Estimating the social and economic impacts of public spending efficiency on Public Debt, GDP and Inequality using the Impulse Response Estimation By Local Projections,** Contributed to Literature review, collected secondary data, statistics, and econometric analysis, and writing the research report.
- Mars.2021
- June - Sept. **Junior Tax Analyst at Tax administration and LASAARE, Casablanca (Maroc), Big Data Applied to the Optimization of Tax Administration Functions: Lessons from a Literature Review,** Writing report and Public defense, **Internships.**
- 2019
- Apr.- May **Research Assistant at Sud Conseil, Ouagadougou (Burkina Faso), Analysis of the social and economic impacts of the transformation in the agricultural branches in the province of Tuy,** Contributed to collect primary data by survey, training of surveyors and supervision of the survey, and writing report.
- 2017

- June-Aug. 2017 **Research Assistant: Wage levels and quality of primary and secondary education in Burkina Faso**, Ministry of National Education and Literacy.
Time series data processing, statistical and econometric analysis
- Tutored project:
- Jan.- March 2019 **Junior Graduate, FERDI, Clermont Ferrand (France)**, *Financial modeling of rent-sharing for mining corporations in Africa*,
Collected data on corporate taxation, Exploration, and product costs (from the technical reports of mining projects). Estimated the share of rent for government and the progressivity of mining tax regime. Writing data report.
- Oct.- Dec. 2018 **Junior Graduate, FERDI, Clermont Ferrand (France)**, *Analysis of Tax Incentives in Developing Countries*,
Read General Tax Codes and Finance Laws, Data collection, Estimating the telecommunication tax expenditures in Burkina Faso, and Written research report.
- Teaching Experience:
- Since Jan. 2020 **Teaching Assistant in Applied Econometric, R-Stata-Eviews software, Mathematics, Applied Statistics, and Probability, Macroeconomics at bachelor's levels.**, *Department of Economics and Management, University Clermont-Auvergne (France)*.
- Since Jan. 2021 **Lecturer for the Introduction to Public Finance/ Tax Policy at Master's levels.**, *Applied Econometric/ Faculty of Legal, Economic, and Social Sciences/ University Hassan II Ain chock Casablanca (Morocco)*.
- March-Sept. 2021 **Co-supervisor of Master (I & II) Development economic and Public Finance interns at LASAARE/School of Economics - University Clermont-Auvergne**, *Themes: (1) Taxation and business profitability in the regions of Morocco. (2) Taxation and business profitability in the Middle East and North Africa (MENA) countries. (3) Public finances and attractiveness of regions in Morocco.*

Education

- Since December 2019 **Ph.D. student in Development Economics & Public Finance**, CERDI, CNRS, IRD - University Clermont Auvergne (France), **3rd year**.
Thesis: "Political economy of Extractive Industry Governance and Tax Policy for Sustainable Development Finance: Collect More and Spend Better"
Supervisors: Grégoire ROTA-GRAZIOSI & Fouzi MOURJI
- . **Ph.D. Thesis Abstract**, *Abstract. Most governments in resource-rich countries are struggling to mobilize substantial revenues and make effective expenditures for sustainable development because of a range of challenges such as weak enforcement of tax laws, overly generous tax incentives, ambiguous fiscal regimes, and aggressive tax avoidance practices (transfer mispricing, distorted mineral valuations, excessive interest deductions, and treaty shopping) by companies. Facing these multiple challenges, my thesis using economic theory and empirical evidence has aimed to "(i) Estimate the effects of the transmission channels (total production and public expenditure through tax revenues) through which extractive industries affect natural capital (biodiversity). (ii) Assess the 'treatment effect' of Extractive Industries Transparency Initiative (EITI) on domestic revenue mobilization through two main channels. The first channel is direct, and it works through an optimal and transparent resource tax regime. The second channel is the indirect effect that EITI has on non-resource revenue once transparency enhances accountability and thus the task of resource allocation to productive expenditures; (iii) Assess the impact of Extractive Industries Transparency Initiative (EITI) on Fiscal Transparency and efficiency. (iv) Assess the Extractive Industries Transparency Initiative (EITI) effects on developing countries' deforestation. (v) Analyze the impact of double taxation treaties on foreign direct investment and domestic tax revenues mobilization in resource-rich developing countries. "*
- 2019 **M.A. in Development Economics/Public Finance**, CERDI - University Clermont Auvergne (France), *With Honors*.
Thesis : Does transparency pay? The impact of EITI on tax revenue in resource-rich developing countries.
- 2018 **M.A. in Development Economics/Magister in Economic Analysis**, CERDI - University Clermont Auvergne (France).
Thesis : Economic rents, Taxation, and Natural capital: Do the extractive industries foster deforestation?

- 2017 **M.A. in Growth and Development Economics**, *New Down University of Ouagadougou (Burkina Faso)*, *With Honors*.
Thesis : Analysis of the contribution of market gardening to poverty reduction in rural areas in Burkina Faso: socio-economic survey data
- 2015 **B.A. Economics and Management**, *New Down University of Ouagadougou (Burkina Faso)*, *With Honors*.
- 2012 **Baccalaureate Serie D (Mathematics and Biology)**, *Lycée Provincial, BAM (Burkina Faso)*.

Professional Training & Certification

- July-2022 **By Natural Resource Governance Institute-NRGI & NADEL - Center for Development and Cooperation**, *Natural Resource Governance and Energy Transition: Policies and Practice*, ETH Zurich from May 23 to July 22, 2022.
Key topics: *Energy transition related challenges on natural resource sectors - The political economy of natural resource extraction - Discovery and allocation of resource rights - Fiscal regimes and taxation - Financial modeling for the extractive sector (oil, gas, and mining projects)- Managing natural resource revenues and investment - State-owned companies governance - Environmental and social impacts of extraction - Corruption and accountability*
- June-2021 **By Econometric Society in Africa Summer School in Econometrics (ASSE, 2021)**, *Theory and practice*, Ecole Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA) from May 26 to June 2, 2021, Abidjan, Côte D'Ivoire.
 The 2021 ASSE covers the following topics: **Causal inference and policy evaluation for (Quasi) experimental data and Non-experimental data** (by *Pascaline Dupas, Stanford University*). **Noncausality and Spéculative Bubbles**, (by *Christian Gourieroux, CREST, University of Toronto*). **New developments on Panel data analysis methods** (by *Manuel Arellano (CEMFI, Madrid)*). **Recent advances in Bootstrap Methods** (by *Micheal Jansson, University of California, Berkeley*). **Overview of Causal Inference and Program Evaluation**, (by *Matias D. Cattaneo, Princeton University*). **Financial Econometrics. Macroeconometrics: Time series**, (by *Firmin DOKO Tchatoaka, University of Adelaide.*)
- June 2021 **Debt Sustainability Framework for Low Income Countries (LIC DSF)** , *IMF - World Bank*, Institute for Capacity Development, Edx-courses.

Skills

- Languages: French (native), English (proficient)
- Computer and software: Proficient in MS Office, Zotero, LaTeX, Stata, SPSS, Sphinx, Eviews, GAMS, Qsis, VBA, R, Shiny, Markdown, GAMS, QGIS

Research

Academic Journals - published articles

- 2021 **Harouna Kinda and Noel Thiombiano (2021)." The effects of extractive industries rent on deforestation in developing countries.** *Resources Policy*, **73**, 102203. doi.org/10.1016/j.resourpol.2021.102203, Panel Data using GMM-SYSTEM.

Published in the Journal of Resources Policy. Online

Considering a theoretical model of income maximization, we empirically assess how the extractive industries can influence forest cover loss through economic rent and government revenues from natural resources. Using the Generalized method of moments (GMM) system estimator on a panel of 52 resource-rich developing countries throughout 2001-2017, the results show a detrimental effect of the total rent from the extractive industries on the forest cover but suggest non-homogenous impacts according to the type of rent. More specifically, mineral and gas rents contribute to accelerating forest cover loss. In contrast, oil rents and resource tax revenues reduce forest cover loss. Results can be interpreted as indicating a "polluter pays" situation, where part of the natural resource benefits is obligatorily earmarked to compensate for forest encroachment by extractive industries. To promote corporate environmental management, stakeholders must overcome regulatory inefficiencies in exploration and exploitation contracts so that environmental compensation is at least equal to the marginal damage caused by the extractive industries.

Working Papers: links of works online. https://www.researchgate.net/profile/Harouna_Kinda

2021 **Harouna Kinda. Does transparency pay? The impact of EITI on tax revenues in resource-rich developing countries. 2021. hal-03208955, Propensity Score Matching .**

Article presented in 2021 Africa Meeting of the Econometric Society (AFES), ENSEA, Abidjan, Cote d'Ivoire, June 3 - 5, 2021. Online

We use a variety of propensity score matching (PSM) methods developed in the treatment effect literature to address the self-selection problem associated with EITI membership. Our findings show that, on average, EITI implementation has a large and significant positive effect on domestic revenue collection (around 1.06 to 1.16 percentage points of GDP). The matching of EITI compliant countries with EITI countries still at the commitment and candidate stage suggests that the compliance to EITI standards generates a considerable surplus of domestic tax revenue (around 1.10 to 1.13 percentage points of GDP). Under revision at the Journal of Applied Economics

2021 **Harouna Kinda and Noel Thiombiano (2021). Estimating the impact of the Extractive Industries Transparency Initiative on Forest cover loss in developing countries, Using a sample of 83 resource-rich developing countries (46 EITI and 37 non-EITI) for the period 2001 to 2017, we use propensity score matching (PSM) and Antropy Balancing methods that address the self-selection bias associated with EITI membership. The main results show that implementation of the EITI standard contributes to a significant reduction in forest cover loss of approximately 2-5 km².**

2021 **Alou Adessé Dama, Hélène Djoufelkit, Harouna Kinda et Grégoire Rota-Graziosi (2021): The Quality of Public Spending: Key Determinants and Effects on Inequality and Growth., CERDI - University Clermont Auvergne. Online.**

2019 **Harouna Kinda and Fouzi Mourji (2019): Big Data applied to the optimization of tax administration functions: literature reviews, Tax Administration efficiency, LASAARE - CERDI - University Clermont Auvergne. Online.**

2019 **Harouna Kinda (2019): Estimating the effect of Tax Expenditures on Telephone's Access in Burkina Faso, Synthetic control method, Research report on Tax expenditures analysis - FERDI-CERDI - University of Clermont Auvergne. Online.**

We analyze the effectiveness of tax expenditures of import duties and value-added tax (VAT) on the fixed and mobile telephone since 2010. The government implemented this tax to favor phone accessibility. From 2010 to 2017, the total amount of tax expenditures was estimated at US \$ 2,240,000. The synthetic control shows a gap between Burkina Faso and its counterfactual, which means that exemption has a positive impact on the number of the subscription.

Reviewer in Academic Journals:

2021-2022 **Journal of Resources Policy; The Extractive Industries and Society; Revue d'Économie du Développement; Applied Economics .**

Reports:

2019 **Harouna Kinda (2019): Modeling the mining industries taxation in Burkina Faso , Simulation using FARI Model of the International Monetary Fund.**
CERDI, UCA, Clermont-Ferrand (63), France

2018 **Harouna Kinda (2018): The Effect of Natural Resources on the Human Development Index in Sub-Saharan Africa (HDI), Panel data, OLS model, fixed effect, random effect .**
Report of Applied Econometric, CERDI, UCA, Clermont-Ferrand (63), France

2018 **Harouna Kinda: Comparative analysis of the contributions of market gardening, food crops, artisanal mining, and livestock farming to poverty reduction in rural areas of Burkina Faso: case of the urban commune Kongoussi , socio-economic survey data, Logit binomial.**
New Down University, Ouagadougou, Burkina Faso

2017 **Analysis of Inequality and Poverty in Burkina Faso, Cross-sectional type data, Logit binomial model, Econometric report, New Down University, Ouagadougou, Burkina Faso.**

Working Progress:

2022 **Harouna Kinda; Saydou Coulibaly; Yacouba Coulibay (2022): A trade-off between Fiscal and environmental crises? Evaluating the Environmental impacts of the Debt-for-nature swaps in developing countries, Propensity score matching-PSM .**
in writing, CERDI, UCA, Clermont-Ferrand (63), France

2022 **Harouna Kinda (2021): Assessing the effects of Extractive Industries Transparency Initiative on Fiscal Transparency and efficiency in resource-rich developing countries, Regression Adjustment (IPWRA) and Augmented IPW (AIPW) using Local Projection Jordà and Taylor (2016).**
in writing, CERDI, UCA, Clermont-Ferrand (63), France

- 2022 **Harouna Kinda (2022): The impact of public expenditure efficiency on industrial value-added** , by *Local Projection*.
in finalizing, CERDI, UCA, Clermont-Ferrand (63), France
- 2022 **Harouna Kinda and Edouard Mien (2022): Does Transparency matter? The Nexus between Natural resource and Financial development curse and Financial globalization in resource-rich countries.**
in finalizing, CERDI, UCA, Clermont-Ferrand (63), France
- 2022 **Harouna Kinda (2021): The impact of tax incentives on Labor market access in Africa.**
Research project, CERDI, UCA, Clermont-Ferrand (63), France
- 2022 **Harouna Kinda (2021): COVID-19, Commodity price shocks, EITI and public finances: Evidence from developing countries.**
in the project, CERDI, UCA, Clermont-Ferrand (63), France

Seminars and conferences attended

- Sept 8-9, 2022 **9th Annual Mannheim Taxation Conference, *Advances in Local Public Economics***, Mannheim (Germany), Presenter.
- June 22-24, 2022 **9th European Association of Agricultural Economists (EAAE) PhD workshop** , Parma (Italy), Presenter.
- March 29- Apr 1, 2022 **Macro and microeconomic analysis of transmission mechanisms of natural resources, climate finance and development on the real economy**, by Rabah Arezki, Former Vice President and Chief Economist of the African Development Bank.
- June 8, 2021 **Natural Resource Governance Institute and EITI Senegal, *Opportunities and challenges for Senegal in the field of oil and gas production***, Oline, Dakar (Sénégal), Participant.
- June 3-5, 2021 **Africa Meeting of the Econometric Society, AFES-2021**, Ecole Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA), Abidjan (Côte d'Ivoire), Presenter.
- June 28, 2021 **Center for Global Development, *Crafting an Affirmative Initiative for Infrastructure in the Developing World*** , Online, Washington DC. (USA).

Free Time

- Reading History, World news
- Sport Jogging, Football (leisure practice)
- TV Documentaries, Social Debates

Reference

M. Grégoire Rota-Graziosi, Professor, Director of CERDI, Former Principal Economist in the Fiscal Policy Division of the IMF's Public Finance Department., University Clermont-Auvergne CERDI-CNRS, France, Email: gregoire.rota_graziosi@uca.fr.

M. Jean-Francois BRUN, Professor, Head of the Master program in Public Finance, University Clermont-Auvergne CERDI-CNRS, France, Email: J-Francois.BRUN@uca.fr.

M. Eric Nazindigouba KERE, Senior Evaluation Officer, African Development Bank Group (AfDB), Abidjan, Côte d'Ivoire, Email: E.KERE@afdb.org .