

# Louise Guillouët

Development and environmental economist

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## SUMMARY OF QUALIFICATIONS

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**Young professional committed to international development:** six years of experience in award-winning development and environmental economics research, policy analysis and the private sector

**Demonstrated communication and leadership skills:** leading multicultural teams in the field and at headquarters in research, private-sector, policy and educational projects

**Work experience in emerging markets:** French Polynesia, Colombia, China, Myanmar, Burkina Faso  
Languages: French (Native), English (Fluent), Spanish (Proficient), Chinese (Beginner)

## EDUCATION

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**Columbia University** Expected 2022  
Ph.D. in Economics New York, NY

- Dissertation: "The Welfare Effects of New Firms and New Goods in Developed and Developing Countries"
- Recipient of Oxford University's Global Priorities Institute Fellowship (2021)
- Recipient of Columbia University's Dissertation Fellowship (2021), Wueller Fellowship for best pre-dissertation proposal (2020), Alliance Fellowship (2019), Dean's Fellowship (2016)

**Paris School of Economics** 2016  
M.Sc. Analysis and Policy in Economics *Summa Cum Laude* Paris, France

- Dissertation: "Action of Precaution: A New Interpretation of the Precautionary Principle"
- Recipient of the American Foundation for the Paris School of Economics International Fellowship (2016)

**Sciences Po and Université Pierre et Marie Curie** 2013  
B.A. and B.Sc. *Cum Laude* in Science and Social Science Paris, France

## WORK EXPERIENCE

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**Columbia University** 2017 - present  
Researcher in Development Economics New York, NY - Yangon, Myanmar - Ouagadougou, Burkina Faso

- Coordinate up to eight simultaneous research projects with researchers spread over three continents
- Organize and conduct interviews with private stakeholders and policymakers in Myanmar and Burkina Faso
- Design, pilot and supervise the implementation of eight surveys in Myanmar and Burkina Faso
- Adapt field work to the safety conditions required by the COVID-19 pandemic using telephone and Internet
- Organize and present at private-sector and policy outreach events with more than 100 people in Myanmar
- Write several successful grant proposals detailed below, raising over \$250,000
- Present at internal seminars and academic and policy conferences detailed below

Teaching Assistant in Economics 2017 - 2020

- Taught principles of economics, intermediate macroeconomics, economic development and industrial organization to groups of 5 to 30 elite undergraduate students coming from dozens of different countries
- Adapted to different styles of teaching, in-person and online. Average evaluation given by students: 4.3/5

Research Assistant in Environmental Economics Summer 2017

- Create extensions for a theoretical model of the welfare effects of corrective policies
- Wrote code to check the robustness of the empirical analysis of an energy-saving program
- Reviewed the manuscript before the successful resubmission: Costa, Francisco, and François Gerard. "Hysteresis and the welfare effect of corrective policies: Theory and evidence from an energy-saving program." *Journal of Political Economy* 129.6 (2021): 1705-1743.

- ENGIE - Strategy department** March 2015 – August 2015  
 Strategy analyst Paris, France
- Researched topics such as the future of gas, customer-centricity and franchising in the context of the company's shift from a fossil fuel major to a leader of the energy and environmental transition
  - Wrote reports for the board of directors of the company and other stakeholders of the global energy industry
- NERA Economic Consulting - Environment, Energy and Networks** September 2014 – February 2015  
 Economic analyst Paris, France
- Quantified the economic impact of the EU Emissions Trading System on the local and global cement industry and proposed policy adjustments
  - Valued the high-stake, high-uncertainty acquisition of a rare gas tract
  - Designed presentations and presented to clients up to the board of directors
- French Treasury - Regional Economic Service in China** June 2014 – August 2015  
 Research officer Shanghai, China
- Conducted a study and wrote a report about regional and national policies supporting innovation
  - Organized and conducted interviews with dozens of private-sector leaders and policymakers
- Paris School of Economics** February 2014 – May 2014  
 Research Assistant in African Economic History Paris, France
- Designed a search strategy to retrieve new information from the French National Archives about historical income distribution in the former French colonies
  - Created a unique dataset which led to a publication: Alvarado, Facundo, Denis Cogneau, and Thomas Piketty. "Income inequality under colonial rule evidence from French Algeria, Cameroon, Tunisia, and Vietnam and comparisons with British colonies 1920–1960." *Journal of Development Economics* (2021): 102680.
- AIESEC** June 2013 – July 2013  
 Project Officer Cartagena, Colombia
- Organized a team of 10 people from different countries to organize engaging events for students
  - Engaged with leaders of a local Colombian school to improve management practices and raise funds
- Progressive Policy Institute** January 2013 – May 2013  
 Policy Analyst Washington, DC
- Analyzed health and environmental policy proposals under discussions at the U.S. Congress
  - Wrote notes and presentations for private-sector stakeholders and policymakers

## RESEARCH PAPERS

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### **The Demand Side of Firm Growth: Evidence from Mexico**

- Analyze big data to identify the barriers that prevent Mexican firms from introducing new goods
- Design a model of consumer learning under uncertainty, suggesting transparency policies could contribute to private-sector growth and local job creation

### **Language Barriers in Multinationals and Knowledge Transfers**

*Submitted*

with Amit Khandelwal, Rocco Macchiavello and Matthieu Teachout

- Design a model of multinationals' organization to explain the low level of on-the-job training
- Test the model in two experimental protocols, including a Randomized Controlled Trial where we randomly offered a free English training to half of 298 employees working for foreign firms in Myanmar
- Evaluate the benefit of a policy subsidizing language training in generating human capital growth

### **Precaution, Information and Time-inconsistency: On the Value of the Precautionary Principle**

with David Martimort

- Design a model describing technologies that are profitable economically but pose environmental threats
- Compute the optimal policy paths depending on the regulator's ability to commit

### **The Unequal Gains from Entry at the Top: Estimating the Whole Foods Effect**

- Analyze big data to estimate the causal effect of gentrification on low-income residents' welfare
- Design a model to think about what policy actions could mitigate these negative impacts

## RESEARCH GRANTS

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- Supply-Chain Linkages with FDI Firms: Experimental Evidence from Myanmar (£175,394)** 2020  
International Growth Centre (IGC), with Amit Khandelwal and Rocco Macchiavello - returned
- Evaluating a novel approach for expanding the pool of entrepreneurs in Myanmar (£19,774)** 2020  
IGC's Small and Growing Business Fund, with Réka Zempléni - returned
- Government Relief Measures for Small and Medium Enterprises (SME) in Burkina Faso (£31,828)** 2020  
Private-Enterprise Development in Low-Income Countries (PEDL), with Josh Deutschmann,  
Soumaïla Gansonré and Aristide S. Ouédraogo
- The Social Quality of Goods (\$25,000)** 2020  
National Science Foundation Doctoral Dissertation Improvement Grant

## SELECTED CONFERENCES AND PRESENTATIONS

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- Allied Social Science Association Annual Meeting (online) 2022
- CEPR's Structural Transformation and Economic Growth, Centre for the Study of African Economies 2021  
Society for Institutional and Organizational Economics, Oxford GPI (all online)
- CEPR/EBRD's Economics of Transition Seminar, Northeastern Universities Development Consortium, Empirical Management Conference (all online) 2020
- French Association of Environmental and Resource Economics Annual Conference, Sciences Po Paris Friday Seminar (France), University of Warwick Economics PhD Conference (UK) 2019
- World Congress of Environmental and Resource Economics (Sweden), Innovation for Poverty Action SME Meeting (USA), PEDL Workshop on the Frontiers of Research (EAU) 2018

## OTHER SKILLS

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**Computer Languages:** Microsoft Office, Stata, R, Python (including geopandas), MATLAB, Mathematica, Latex  
**Human Languages:** French (Native), English (Fluent), Spanish (Proficient), Chinese (Beginner)