

SÉBASTIEN ANNAN-PHAN

PhD Candidate - University of California, Berkeley
Department of Agricultural and Resource Economics

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EDUCATION

University of California, Berkeley
PhD in Agricultural and Resource Economics (expected) 2021
MS in Agricultural and Resource Economics 2019

Université Paris Dauphine, Paris 2014
MSc in Energy Economics

École Normale Supérieure, Paris-Saclay 2012
B.A.in Economics, dual degree with Université Paris Sorbonne
B.A in Management, dual degree with Université Paris Dauphine

SELECTED WORK EXPERIENCE

- Amazon Web Services** Summer 2019
PhD Intern
- Under the direction of Igal Hendel, I applied causal inference framework to estimate demand for large computing power and the feasibility of dynamic pricing. One of the focus was to explore heterogeneous treatment response, which we identified using causal tree algorithm.
- Energy Policy Institute at the University of Chicago (EPIC)** 2015-2017
Research Specialist
- I worked on the Global Carbon Project which aims to estimate the cost of carbon for the society using novel empirical methods. In particular, I studied the impact of future climate related damage on the Energy and Health sectors.
- Compass Lexecon** Spring & Summer 2014
Economist Intern
- Inside the energy practice, I worked on several regulatory and market design projects for European utilities and regulators, including electricity storage potential, interconnection project and nuclear assets assessment.
- French Parliament (Sénat)** Summer 2012
Intern
- Drafted bill proposal on fuel tax exemptions and environmental taxation.

PUBLICATION

The effect of large-scale anti-contagion policies on the COVID-19 pandemic. Nature (2020)
with Hsiang S., Allen D. et al,

Market integration and wind generation: An empirical analysis of the impact of wind generation on cross-border power prices. The Energy Journal (2018)
with Roques F.

The Impacts of Variable Renewable Production and Market Coupling on the Convergence of French and German Electricity Price. The Energy Journal (2016)
with Keppler, J. H. and Le Pen Y.

WORK IN PROGRESS

A Distribution of Human Attention to Moments in Time Using Google Trends Data.
Annan-Phan S., Biardeau L., and Hsiang S. (Submitted)

Public Mobility Data Enables COVID-19 Forecasting and Management at Local and Global Scales. Illin C., Annan-Phan S., Tai X. et al. (Submitted)

DISTINCTIONS

Tuaropaki Trust Doctoral Fellows , Goldman School of Public Policy	<i>2019 - 2020</i>
Hoos Sidney Best Econometric Paper Award , UC Berkeley (ARE)	<i>2019</i>
International Graduate Fellowship , University of Chicago	<i>2016 - 2017</i>
Civil Servant Student Full Scholarship , École Normale Supérieure	<i>2011 - 2015</i>

AFFILIATIONS

Global Policy Laboratory , Goldman School of Public Policy Doctoral Fellow	<i>2017 - Present</i>
Chaire of European Electricity Markets , Université Paris Dauphine Research Fellow	<i>2014 - Present</i>

TEACHING

Microeconomics University of California, Berkeley Université Paris-Descartes	<i>2017 - 2019</i> <i>2013</i>
Industrial Organization Université Paris-Dauphine	<i>2014</i>