

# Danae Hernández-Cortés

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## EDUCATION

- 2021 (exp)    **Ph.D. in Economics**, University of California, Santa Barbara.  
2017        **M.A., Economics**, University of California, Santa Barbara.  
2015        **B.A., Economics**, Centro de Investigación y Docencia Económicas (CIDE), Mexico City.  
Spring 2014    **Visiting Student**, University of Gothenburg, Sweden.

## PUBLICATIONS

“Are Land Values Related to Ambient Air Pollution Levels? Hedonic Evidence from Mexico City” with David R. Heres and Lopamudra Chakraborti. *Environment and Development Economics*. Vol. 24, Issue 3. June 2019, pp. 252-270.

López-Feldman, A. & Hernández Cortés, D. “Cambio climático y agricultura: Una revisión de la literatura con énfasis en América Latina” [*Climate Change and Agriculture: A Literature Review for Latin America*] *El Trimestre Económico*, 2016, 332:459-496.

## WORKING PAPERS

“Do Environmental Markets Cause Environmental Injustice?” with Kyle Meng.

“Hurricane risk and U.S. migration” with Margaret Walls and Andrew Royal.

“Droughts, poverty, and labor allocation: Evidence from Rural Mexico” with Eva O. Arceo Gómez and Alejandro López-Feldman.

## OTHER WORK

“Mexican Rural Households’ Vulnerability and Adaptation to Climate Change” with Alejandro López-Feldman, Antonio Yúnez-Naude, J. Edward Taylor and Alan Hernández.

“The link between clean air policy and climate change policy in Mexico: Building an agenda for evaluation and research” with Paulina Oliva, Marco Heredia, Victor H. Paramo, Teresita Romero, Jose A. Ortinez, Giovanna Montagner, and Karla J. Lopez.

## RESEARCH EXPERIENCE

**Graduate Student Researcher**, Bren School of Environmental Science & Management.

2017-Current    Research Assistant for the Environmental Market Solutions Lab [emLab].

*Supervisor:* Kyle Meng, Kelsey Jack, and Christopher Costello.

**Research Intern**, Resources for the Future, Washington, D.C.

Summer 2018    - Worked in the project “Vulnerability and resilience to floods in the U.S. East Coast”.

- Wrote the blog post: “Recovering from Disasters: Evaluating FEMA’s Housing Assistance Program in the 2017 Hurricane Season” (with Margaret Walls), Resources for the Future Blog.

*Supervisor:* Margaret Walls.

**Research Assistant**, Working Group for the Environment, UC-Mexus Initiative.

Summer 2016    Worked together with the Mexican National Institute of Ecology and Climate Change (INECC) to identify interventions for air quality improvements with possible co-benefits in Climate Change mitigation.

*Supervisor:* Paulina Oliva.

**Research Assistant**, Economics Department, CIDE, Mexico City.

2014-2016       Data analysis for the project: “Effects of Climate Change on agriculture in Latin America, report elaborated for ECLAC”.

*Supervisor:* Alejandro López Feldman.

2015-2016       Data analysis for the project: “Carbon sequestration in Mexico: Estimating the costs and simulation of soil transition under a REDD+ initiative”.

*Supervisor:* David R. Heres.

## TEACHING EXPERIENCE

**Teaching Assistant**, Economics Department, UCSB.

Winter 2018    Probability and Statistics 109: Statistics for Economics.

Fall 2017      Economics 9: Introduction to Economics.

**Teaching Assistant**, Economics Department, CIDE, Mexico City.

2014-2016      Spring 2016: Microeconomics I (graduate course), Fall 2015: Econometrics III (Microeconometrics), Fall 2014: Introduction to Economics.

## PROFESSIONAL EXPERIENCE

**External consultant**, Global Economics Group, Mexico City.

Spring 2016      - Developed geographical analysis of competition and telecommunications policy in Mexico.  
*Supervisor*: Alexander Elbittar.

**Internship**, German Agency for International Cooperation (GIZ) in the Mexican-German NAMA program.

Winter 2014 &    Consulted in activities for the NAMA-transport component:

Summer 2013      - Performed an economic evaluation of the programs of the NAMA-transport component.

## PRESENTATIONS

- 2020: UC Berkeley Climate Economics Workshop.
- 2019: TWEEDS, EAERE Summer School, UCLA-Institute of the Environment & Sustainability, Occasional Workshop in Environmental and Resource Economics.
- 2018: Resources for the Future's research seminar, UCSB Environmental Lunch Series.
- 2016: Third Annual Congress of Economics and Public Policy at IBERO.

## FELLOWSHIPS AND GRANTS

- UCSB Economics Research Quarter Competition (2019).
- UC MEXUS-CONACYT Doctoral Fellowship (2016-2021).
- Grant for visiting students by the Grants Committee of the Philosophical Faculties, Gothenburg, Sweden (2014).
- Honors Fellowship for second highest GPA during Spring Semester 2013, Centro de Investigación y Docencia Económicas, Mexico City.

## REFEREEING

Journal of the Association of Environmental and Resource Economists

## COMPUTER SKILLS

Stata (advanced), ArcGIS (advanced), Python (advanced), and R (intermediate), L<sup>A</sup>T<sub>E</sub>X.

## LANGUAGE SKILLS

English (fluent), Spanish (native) and Swedish (basic).