

# Danae Hernández-Cortés

## CONTACT INFORMATION

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## EDUCATION

2021 (exp) **Ph.D. in Economics**, University of California, Santa Barbara.  
Committee: Kyle C. Meng (Chair), Kelsey Jack, and Christopher Costello.  
Environmental Science Emphasis at the Bren School of Environment, UCSB.  
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

Arceo-Gómez, E., Hernández-Cortés, D. & López-Feldman, A. Droughts and rural households' wellbeing: evidence from Mexico. *Climatic Change*. Vol. 162. September 2020, pp. 1197-1212.

Chakraborti, L., Heres, D. & Hernández-Cortés, D. "Are Land Values Related to Ambient Air Pollution Levels? Hedonic Evidence from Mexico City". *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

"The Distributional Consequences of Incomplete Regulation"

"Do Environmental Markets Cause Environmental Injustice? Evidence from California's Carbon Market" with Kyle Meng [NBER WP 27205]

"The Environmental Justice Dimension of the Mexican Emissions Trading System" with Erick Rosas López

## WORK IN PROGRESS

"Modal Choice and Income in Mexico City" with Christopher Severen and Paulina Oliva

"Hurricane Risk and U.S. Migration" with Margaret Walls and Andrew Royal.

## CHAPTERS AND POLICY REPORTS

Enhancing equity while eliminating emissions in California's supply of transportation fuels with emLab Carbon Neutrality project team.

Carbon Neutrality and California's Transportation Fossil Fuel Supply with emLab Carbon Neutrality project team.

"Mexican Rural Households' Vulnerability and Adaptation to Climate Change" with Alejandro López-Feldman, Antonio Yúnez-Naude, J. Edward Taylor and Alan Hernández. White Paper for the Environmental Working Group of the UC-Mexico Initiative. August 11, 2017.

“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. White Paper for the Environmental Working Group of the UC-Mexico Initiative. October 23, 2017.

“MRV Blueprint for Road Freight Transport NAMA in Mexico” with Georg Schmid and Miriam Frisch. MRV Blueprint, German Ministry for the Environment, Nature Conservation and Nuclear Safety. 2015.

## PRESENTATIONS

**Upcoming:** UCSB Pacific Views Public Lecture.

**2021:** 2021 ASSA Virtual Meeting (discussant), University of Illinois Urbana Champaign (pERE Seminar), Microsoft Research Seminar.

**2020:** UC Berkeley Climate Economics Workshop, UCSB Labor Lunch, IETA Webinar, Bren Environmental Justice Symposium, AERE Virtual Conference, NBER Summer Institute (egg-timer), Montana State University, 2020 Virtual UEA, Claremont McKenna College, SOCAE, CIDE, RIDGE Environmental Economics Workshop.

**2019:** TWEEDS, EAERE Summer School, UCLA-Institute of the Environment & Sustainability, Occasional Workshop in Environmental and Resource Economics (egg-timer).

**2018:** Resources for the Future’s research seminar, UCSB Environmental Lunch Series.

**2016:** Third Annual Congress of Economics and Public Policy at IBERO.

## FELLOWSHIPS, GRANTS, AND AWARDS

Winter 2021	UCSB Grad Slam Finalist and Winner of People’s Choice Award.
Spring 2020	Economics UCSB Outstanding Undergraduate Course Teaching Assistant Award.
Spring 2019	UCSB Economics Research Quarter Competition.
Spring 2019	UCSB Economics Travel Grant.
Fall 2018	UCSB Economics Data Purchase Grant.
Spring 2016	UC MEXUS-CONACYT Doctoral Fellowship 2016-2021.
Spring 2014	Grant for visiting students by the Grants Committee of the Philosophical Faculties, Gothenburg, Sweden.

## REFeree

*Journal of the Association of Environmental and Resource Economists, Science Advances, SAGE Open.*

## SERVICE

2021	Undergraduate Honor’s Thesis Advisor, UCSB.
2019-2020	Co-chair of WeSB, <i>We Are Economics at Santa Barbara</i> : Group aimed at promoting diversity in the Economics Department at UCSB.
2019	Undergraduate and Master’s Thesis Committee Member, CIDE, Mexico City.

## TEACHING

Teaching Assistant, Economics Department, UCSB.

Spring 2020	Environmental Economics (Prof. Antony Millner).
Winter 2018	Probability and Statistics 109: Statistics for Economics (Prof. Michael Nava).
Fall 2017	Economics 9: Introduction to Economics (Prof. Cindy Benelli).

Teaching Assistant, Economics Department, CIDE, Mexico City.

Spring 2016	Microeconomics I for Ph.D. students (Prof. Luciana Moscoso).
Fall 2015	Econometrics III: Microeconometrics (Prof. Florian Chavez-Juarez).
Fall 2014	Introduction to Economics (Prof. Eva O. Arceo-Gómez).

## **RESEARCH POSITIONS**

2017-Current    Graduate Student Researcher, Environmental Market Solutions Lab (emLab), UCSB.  
Fall 2019        Research Assistant for Kelsey Jack, UCSB.  
Summer 2018    Research Intern for Margaret Walls, Resources for the Future, Washington, D.C.  
Summer 2016    Research Assistant for Paulina Oliva, UC-Mexus Initiative.  
2014-2016       Research Assistant for Alejandro Lopez-Feldman and David Heres, CIDE, Mexico City.

## **PROFESSIONAL EXPERIENCE**

Spring 2016    External consultant, Global Economics Group, Mexico City.  
2013-2014      Intern, German Agency for International Cooperation (GIZ).

## **COMPUTER SKILLS**

Stata, R, Python, ArcGIS, Amazon Web Services.

## **LANGUAGE SKILLS**

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