

Roberto Cárdenas Retamal

PHD CANDIDATE · FISHERIES AND AQUATIC SCIENCES PROGRAM

McCarty B - Office G-103 - University of Florida · Gainesville, Florida, USA

☎ +1 352-328-6840 | ✉ robertocardenasr@ufl.edu | 🌐 <https://robcareta.github.io/>

Education

University of Florida

PHD FISHERIES AND AQUATIC SCIENCES

• Advisor: Dr. Frank Asche and Dr. Di Fang

Gainesville, USA

2022 - present

Universidad de Concepción

MSc NATURAL AND RESOURCES ECONOMICS

• Advisor: Dr. Jorge Dresdner

Concepción, Chile

2016 - 2018

Universidad de Concepción

BS ECONOMICS

Concepción, Chile

2011 - 2015

Professional Experience

2022 - Present **Graduate Research Assistant**, Fisheries and Aquatic Sciences, University of Florida

2019-2022 **Research Assistant**, Interdisciplinary Center for Aquaculture Research (INCAR), Universidad de Concepción

2022 **Research Assistant**, Environment for Development (EfD) network

2020 **Research Assistant**, Economic Commission for Latin America and the Caribbean (ECLAC)

2020 **Research Assistant**, Center of Applied Ecology and Sustainability (CAPES)

Publications

PUBLISHED

Iversen, A., Asche, F., Nyrud, T., Robertsen, R., Bendiksen, B.I., Steinsbø, S. and **Cardenas-Retamal, R.** (2025). The growing importance of aquaculture: The case of Norwegian salmon. *Reviews in Aquaculture*

Ceballos-Concha, A.; Asche, F.; **Cardenas-Retamal, R.** (2025). Salmon aquaculture in Chile: Production growth and socio-economic impacts. *Reviews in Aquaculture* 17(1), e12993

Salazar, C., Jaime, M.; **Cárdenas, R.**, Hernández, F. (2025). Risk perception and production risk in seaweed aquaculture. *Aquaculture Economics & Management*, 1-29.

Salazar, C.; Jaime, M.; **Cardenas Retamal, R.**, Baquedano, M. (2023) Women engagement, psychological traits, and gender gaps in the small-scale seaweed aquaculture in Chile. *Reviews in Aquaculture*. 15(4): 1540-1553.

Salazar, C.; **Cardenas Retamal, R.**; Jaime, M. (2023) Environmental efficiency in the salmon industry—an exploratory analysis around the 2007 ISA virus outbreak and subsequent regulations in Chile. *Environment, Development and Sustainability*, 25, 8107–8135

Cardenas Retamal, R.; Barrientos, M.; Vasquez-Lavin, F.; Ponce, R. (2023) Intrahousehold bargaining power and time allocation for multiple activities. *Latin American Economic Review* 32, 1–22

Cardenas Retamal, R.; Dresdner-Cid, J.; Ceballos-Concha, A. (2021) Impact assessment of salmon farming on income distribution in remote coastal areas: The Chilean case. 101, *Food Policy* 102078

IN REVIEW

More than Just a Walk in the Park: Performance in Green and Urban Spaces. With Jianhui Liu, Tongzhe Li, Mark Patton, Danielle Roy and Di Fang

• **Journal:** Land Economics. **State:** Under review

Seafood Purchasing in Responses to Type 2 Diabetes Diagnosis. With Di Fang and Frank Asche

• **Journal:** American Journal of Agricultural Economics. **State:** Under review

IN PREP

Sustainable seafood consumption: A hedonic analysis of eco-labeling in the haddock U.S. market. With Frank Asche and Di Fang

Harmful Algal Blooms and Fishing Choices: Understanding Stone Crabbers' Responses to Ecological Disruptions. With Adams Ceballos and Jordan Moor

Awards, Fellowships, & Grants

- 2025 **Travel Scholarship - Summer School in Environmental and Energy Economics**, UC, Berkeley
- 2022 **Global Food System Institute Fellowship**, University of Florida
- 2022 **Grinter Fellowship Award**, University of Florida
- 2022 **Latin American and Caribbean (LAC) Scholarship**, University of Florida

Presentations

** presenting author*

Cardenas Retamal, R* August 2025. Demand for environmental attributes in the U.S. seafood market. Summer School in Environmental and Energy Economics, University of California, Berkeley. California, USA.

Cardenas Retamal, R*; Asche, F.; Fang, D. March 2025. Sustainable seafood consumption: A hedonic analysis of eco-labeling in the U.S. market. North American Association of Fisheries Economists (NAAFE). La Jolla, California, USA.

Cardenas Retamal, R*; Fang, D.; Asche, F. February 2025. Disease diagnosis and seafood purchases in the U.S. Fisheries and Aquatic Sciences Graduate Student Symposium. Gainesville, Florida, USA. *(Scheduled)*

Cardenas Retamal, R*; Fang, D.; Asche, F. November 2024. Seafood purchase, diet-related disease, and WIC participation. Southern Economic Association (SEA). Washington D.C., USA.

Ceballos, A.; Asche, F.; **Cardenas, R*** 2024. Salmon aquaculture in Chile: Production growth and socio-economic impact. Aqua2024, World Aquaculture Society. Copenhagen, Denmark.

Cardenas Retamal, R*; Fang, D.; Asche, F. 2024. Seafood purchase, diet-related disease, and WIC participation. Agricultural Applied Economics Association (AAEA) Annual Meeting, Track Session: Using food scanner data to examine the relationship between healthy food purchases, cost, and diseases. New Orleans, Louisiana, USA.

Ceballos, A.; Asche, F.; **Cardenas, R*** 2023. The socioeconomic impact of salmon aquaculture in Chile. Fisheries and Aquatic Sciences Graduate Student Symposium. Poster Session. Gainesville, Florida, USA.

Ceballos, A.; Asche, F.; **Cardenas, R*** 2023. The socioeconomic impact of salmon aquaculture in Chile. Aquaculture America, World Aquaculture Society. New Orleans, Louisiana, USA.

Cardenas, R*; Ceballos, A.; Asche, F. 2022. The socioeconomic impact of salmon aquaculture in Chile. VIII Annual Meeting Environment for Development Initiative - Chile.

Cardenas, R*, Orellana, F*. 2022. A new Economy for a new constitution. Commission on the Environment, Rights of Nature, Natural Commons and Economic Model, Constitutional Convention, Chile

Cardenas Retamal, R.*; Barrientos, M.; Vasquez-Lavin, F.; Ponce, R.. 2021. Intrahousehold Bargaining Power and Time Allocation for Multiple Activities. XI Annual Meeting of the Chilean Society of Regional Studies SOCHER.

Salazar, C. **Cardenas Retamal, R***; Jaime, M. 2021. Environmental efficiency in the salmon industry. An exploratory analysis around the ISA virus and subsequent regulations in Chile. VII Annual Meeting Environment for Development Initiative - Chile.

Teaching Experience _____

Spring 2025	International Agribusiness Marketing AEB4343 , Guest lecturer	<i>U. of Florida</i>
Spring 2023	Agricultural Macroeconomics AEB 3281 , Teaching Assistant	<i>U. of Florida</i>
Fall 2022	Agricultural and Natural Resource Ethics AEB 4126 , Teaching Assistant	<i>U. of Florida</i>
2022	Statistics for management; Economics, Sustainability and Entrepreneurship , Lecturer	<i>U. Santo Tomás</i>
2018-2020	Econometrics, Microeconomics , Lecturer	<i>U. del Bio-Bio</i>
2020-2022	Development Economics, Environmental Economics , Lecturer	<i>U. de Concepción</i>
2019-2021	Introduction to Economics, Microeconomics, Econometrics, Natural Resources and Environment Economics, Macroeconomics , Lecturer	<i>U. Catolica de la Santísima Concepción</i>

Outreach & Professional Development _____

PEER REVIEW

Environment, Development and Sustainability
Frontiers in Human Dynamics
Agricultural and Resources Economics Review
Aquaculture Economics & Management

PROFESSIONAL MEMBERSHIPS

Agricultural & Applied Economics Association (AAEA)
Association of Environmental and Resource Economists (AERE)
European Aquaculture Society - World Aquaculture Society
North American Association of Fisheries Economists (NAAFE)

DEVELOPMENT

Treasurer, Graduate Student Organization (2024-2025)

References _____

Prof. Frank Asche

School of Forest, Fisheries, and Geomatics Sciences
University of Florida
Gainesville, FL
frank.asche@ufl.edu
+1 (352) 222-8481

Prof. Di Fang

Food and Resource Economics Department
University of Florida
Gainesville, FL
difang@ufl.edu
+1 (480) 252-5931

Prof. Kotryna Klizentyte

School of Forest, Fisheries, and Geomatics Sciences
University of Florida
Gainesville, FL
kklizentyte@ufl.edu
+1 (561) 319-3873

Prof. Thomas M, Jr., Anderson

Food and Resource Economics Department
University of Florida
Gainesville, FL
thomas.anderson@ufl.edu
+1 (352) 392-3261