

# Alberto Garcia

University of California, Santa Barbara  
Bren School of Environmental Science & Mgmt.  
Department of Economics  
2400 Bren Hall  
Santa Barbara, CA 93106

Phone: (303) 330-6226  
Email: [albertogarcia@ucsb.edu](mailto:albertogarcia@ucsb.edu)

## Education

**Ph.D.** Economics and Environmental Science; University of California, Santa Barbara, expected 2022  
**dissertation committee:** Robert Heilmayr (chair), Kelsey Jack, Andrew Plantinga

**B.A.** Mathematics and Economics; Willamette University, 2016  
**thesis:** Exploring interspecies competition with Markov Chain Monte Carlo

## Research

### *Research Interests*

**economics of land-use:** deforestation; implications of agricultural intensification & extensification

**natural climate solutions:** policy impacts on carbon and woody biomass

**econometric considerations for remotely sensed data:** measurement error; dynamics of forest disturbance and regrowth

### *Working Papers*

**Garcia, A.** and Heilmayr, R. (2020) Practical Guidance for Conservation Impact Evaluation using Remotely Sensed Data

**Garcia, A.** (2020) The Environmental Impacts of Agricultural Intensification. Technical Note N.9. Rome. SPIA

### *Selected Works in Progress*

"Land Use and Carbon Impacts of Payments for Reforestation in Chile"  
with Robert Heilmayr

"Incentivizing Forest Products to Save Forests: Intensification of Brazil Nut Production in Peru"

### *Research Assistantships*

Environmental Markets Lab at University of California, Santa Barbara; Supervisor: Kelsey Jack; Summer 2019 - Winter 2020

Conservation Economics Lab at University of California, Santa Barbara; Supervisor: Robert Heilmayr; Spring 2019 - Winter 2020

## Teaching

### *Teaching Assistant*

ENVS 30: Environmental Economics; UC Santa Barbara; Fall 2019, Fall 2020

ECON 140A: Introduction to Econometrics; UC Santa Barbara; Fall 2018, Winter 2019

### *Mentorship*

Willamette Academy College Access Program; Mentor

Willamette Compass; Curriculum Design Intern

## Conferences & Presentations

*Land Use and Carbon Impacts of Payments for Reforestation in Chile;*  
UC Santa Barbara ERE Seminar, 2020

Berkeley/Sloan Summer School in Environmental and Energy Economics, 2019

*Dynamic Compensation: Minimizing the Negative Impacts of Wildlife Damage;*  
UC Santa Barbara ERE Seminar, 2018

*Exploring Interspecies Competition with Markov Chain Monte Carlo;*  
Phil Hanni Scholars, 2016

## Awards

Schmidt Family Foundation Accelerator Award (2020)

UC Regents Fellowship (2018-)

Bren School Fellowship (2017-2018)

Phil Hanni Scholar (2016)

Willamette University Academic Leadership Award (2016)

Northwest Conference Scholar Athlete (2016)

## Programming

advanced: R

proficient: STATA, ArcGIS

beginner: Google Earth Engine, Python