

Alberto Garcia

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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

"Impacts of Uruguay's soil based afforestation subsidies on land prices and land use"

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 (Willamette University);
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