

# ALBA MIÑANO-MAÑERO

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## CURRENT POSITION

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Postdoctoral Researcher  
CEMFI (Madrid)

*September 2023 – present*

## EDUCATION

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Ph.D. in Economics (Cum Laude)  
CEMFI (Madrid)  
Advisor: Diego Puga

*September 2019 – July 2023*

M.Sc. in Economics and Finance  
CEMFI (Madrid)

*September 2017 – June 2019*

B.Sc. in Economics – Mention in Economic Analysis  
Universitat de València (València)

*September 2013 – June 2017*

## ACADEMIC EXPERIENCE

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### **Lecturer:**

Geographic Data Science for Applied Economist, CEMFI, Madrid *Fall 2019, Fall 2020*  
*Self-contained short course on Spatial data Science taken by all graduate students in the Urban Economics course taught by Elisabet Viladecans-Marsal (2019) and Diego Puga (2020).*

### **Teaching Assistant:**

International Economics (Master), CEMFI, Madrid *January–March 2020*  
*Taught by Paula Bustos.*

Introductory Mathematics (Master), CEMFI, Madrid *September 2019*  
*Taught by Pedro Mira.*

### **Grader:**

Introductory Statistics (Master), CEMFI, Madrid *September 2020*  
*Taught by Pedro Mira.*

Introductory Mathematics (Master), CEMFI, Madrid *September 2020*  
*Taught by Joan de Martí.*

## RESEARCH EXPERIENCE

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### **Research Assistant:**

Diego Puga *September 2020–September 2023*  
Paula Bustos *September 2019 – September 2020*  
Joan Monras *August 2018 – September 2018*

Undergraduate Summer Internship (CEMFI)

June 2016 – July 2016

### **Other**

Summer Intern (Compass Lexecon, Madrid)

July 2016 – September 2016

## **RESEARCH**

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### ***Job Market Paper***

When are D-graded neighborhoods not degraded? Greening the legacy of redlining

This paper explores how geography shapes the legacy of redlining, the systemic mortgage lending bias against minority us neighborhoods. On average, redlined neighborhoods lag behind adjacent less-discriminated areas in home values, income, and racial composition. Yet, redlined neighborhoods near parks and water fare better. To help understand convergence, we inventory waterfront renovations, apply machine learning to historical imagery to track tree canopy changes, and instrument such changes exploiting tree replacements due to geographic variation in tree plagues and susceptible species. Findings suggest that enhancing waterfronts and increasing tree canopy can mitigate the long-lasting effects of institutionalized discrimination.

### ***Work in progress***

*Trees of green*: constructing panels of tree canopy with aerial imagery.

City buzz: Face-to-Face interaction and the urban environment, **with Dani Arribas-Bel, Sounel Park and Diego Puga.**

The *Park Movement* and the urban mortality transition.

### ***Pre-graduate:***

Unemployment, spell duration and the burden of unemployment in Spain during the XXI Century, **with Francisco Goerlich** (2018). *Working Papers Serie EC* 2018-02, Instituto Valenciano de Investigaciones Económicas.

## **AWARDS AND SCHOLARSHIPS**

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### ***Graduate:***

SAEe PhD student grant, Fundación Ramón Areces and Spanish Economic Association, 2022  
FPI Grant, Ministry of Economy and Competitiveness (Spain), September 2020–September 2023  
Best Third Year Paper, CEMFI, September 2020  
PhD Scholarship, CEMFI, September 2019 – September 2020  
María de Maeztu PhD track Fellowship, CEMFI, September 2018 – August 2019  
PhD track full scholarship, CEMFI, September 2017 – June 2018

### ***Pre-graduate:***

Award to Academic Excellence, Generalitat Valenciana, 2018  
Award to Financial Excellence, Universitat de València and ASSET , 2018  
Award to Best Academic Performance, Universitat de València and COEV, 2018  
Award to Extraordinary Performance, Universitat de València, 2018  
Research Collaboration Scholarship (tutor: Francisco Goerlich), Ministry of Education, Culture and Sport (Spain), 2016–2017  
VII Contest on taxation (team awarded third prize), APAFCV and Universitat de València, 2016

Award to Extraordinary Secondary Education Performance (First position), Generalitat Valenciana, 2013

## SEMINAR PRESENTATIONS

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2023:

Universitat de València (València); LSE Economic Geography (London); IEB (Barcelona)

## CONFERENCE PRESENTATIONS

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2022:

SAEe (València); 16th North American Meeting of the UEA (Washington, D.C.); UEA Summer School (Barcelona)

2019:

X Jornadas de Posgrado – UIMP Summer School (Santander)

## PROGRAMMING SKILLS

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Geographic Data Science (Python, R, ArcGIS, QGIS), Stata, Matlab, Latex.

Developed fully automatized code to detect tree coverage in historical aerial imagery using recent near-infrared imagery as training data to construct the first panel data of tree coverage for US metropolitan areas.

## LANGUAGES

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Spanish (Native), Catalan (Fluent), English (Fluent), Italian (Fluent), French (Intermediate).

## OTHER

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*“To apply or not to apply? (Focus on the apply part)”* – mentoring sessions about graduate studies in Economics for CEMFI Undergraduate Summer Interns, 2021, 2022, 2023

Zoom moderator in CURE (hybrid), CEMFI, 2021

Ph.D. Student Representative, CEMFI Ph.D. Quality Committee, September 2019 – December 2021

M.Sc. Student Representative, CEMFI M.Sc. Quality Committee, January 2018 – July 2019

## REFERENCES

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Diego Puga  
CEMFI  
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Elisabet Viladecans-Marsal  
University of Barcelona and Barcelona Institute of Economics  
eviladecans@ub.edu

Dani Arribas-Bel  
University of Liverpool and Alan Turing Institute

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