

## CV of the researcher

**Juan Palacios, PhD**

Assistant Professor Real Estate, Finance Department, School of Business and Economics, Maastricht University

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### Current Affiliations

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January 2023-present Maastricht, *the Netherlands*  
**Maastricht University School of Business and Economics**  
Assistant Professor

January 2023 Boston, *Massachusetts*  
**Massachusetts Institute of Center for Real Estate**  
Visiting Assistant Professor

### History Employment

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October 2019-December 2022 Boston, *Massachusetts*  
**Massachusetts Institute of Technology Sustainable Urbanization Lab, Postdoctoral Research Associate**  
Postdoctoral researcher in the fields of Sustainable Real Estate

September 2020- December 2022 Boston, *Massachusetts*  
**Massachusetts Institute of Technology Sustainable Urbanization Lab**  
Head of research

October 2017-present Germany  
**Institute of Labor Economics, IZA, Research Affiliate**

June 2015- September 2019 *the Netherlands*  
**Maastricht University, Ph.D. School of Business and Economics**

September 2018-December 2018 Boston, *Massachusetts*  
**Massachusetts Institute of Technology, Visiting PhD Student**

June 2012- August 2015 Spain  
**Junior Researcher at Centre Smart Buildings and Energy Efficiency (CeDInt), Technical University of Madrid**

September 2011- August 2012 Spain  
**Student Research Assistant at Economics Department, Complutense University of Madrid (UCM)**

### Education

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June 2015- August 2019 *the Netherlands*  
**Maastricht University, Ph.D. in Real Estate Economics**

October 2013-September 2014 *the UK*  
**MSc Economics and Econometrics University of Essex, (GPA: 8.9/10)**  
*Awards: Department of Economics Prize for Best MSc Performance*

September 2007-June 2012 *Spain*  
**Bachelor degree in Economics with major in Quantitative Methods**  
**Complutense University of Madrid, (GPA: 8.7/10)**

## List of Academic Publications

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- Twitter Sentiment Geographical Index – together with Chai, Y., Kakkar, J. and Zheng, S., published in Nature Scientific Data in 2023
- Indoor air quality and strategic decision making – together with Steffen Kuenn and Nico Pestel, published by Management Science in 2023
- Global evidence of human well-being alterations during the COVID-19 pandemic – together with Jianghao Wang, Yichun Fan, Yuchen Chai, Nick Ovradovich and Siqi Zheng, revisions published by Nature of Human Behavior in 2022
- Encouraging the resumption of economic activity after COVID-19: Evidence from a large scale field experiment (lead author) – together with Yichun Fan, Erez Yoeli, Jianghao Wang, Yuchen Chai, Weizeng Sun, David Rand and Siqi Zheng, published by Proceedings of the National Academy of Science (PNAS) in 2022
- Health perception and commuting choice: a survey experiment measuring behavioral trade-offs between physical activity benefits and pollution exposure risks - together with Yichun Fan, Siqi Zhen, Mariana Arcadia, published in Environmental Research Letters in 2021
- The impact of housing conditions on health outcomes – together with Erdal Aydin, Piet Eichholtz and Nils Kok, published in Real Estate Economics in 2020
- Indoor environmental quality and learning outcomes: protocol on large-scale sensor deployment in schools, together with Piet Eichholtz, Nils Kok and Maartje Willeboordse, published in British Medical Journal (BMJ) Open in 2020
- Moving to Productivity: Estimating the productivity gains of healthy buildings – together with Piet Eichholtz and Nils Kok, published in PlosOne in 2020
- The Impact of Academic Research: Energy Efficiency Information and Residential Property Valuation - together with Andrea Chegut, Piet Eichholtz and Rogier Holtermans, published in Journal of Real Estate Finance and Economics in 2019

## Awards, Fellowships and Grants

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- February 2024-February 2027 The Netherlands  
**NWO Veni Grant (Personal Grant)**  
*EUR 280,000*  
Title of the project: “Social impacts of decarbonizing the housing sector”
- September 2022-September 2024 Boston, Massachusetts  
**MIT Energy Initiative Research Fund Program**  
*USD 150,000*  
Title of the project: “Accelerating Commercial Building Electrification through a Data Driven and Science Based Decision Making Toolkit”
- September 2022-September 2023 Boston, Massachusetts  
**MIT Portugal Partnership (MPP2030) Research Fund Program**  
*USD 80,000*  
Title of the project: “Economics of Building Electrification, evidence from Portugal”
- September 2021-September 2022 Boston, Massachusetts  
**MIT Portugal Partnership (MPP2030) Research Fund Program**  
*USD 80,000*  
Title of the project: “Climate Risk Perception and Its Impacts on Location Attractiveness and Real Estate Asset Value in Portugal: A Computational Approach using Social-Media, Survey, and GIS data.”
- May 2020-September 2021 Boston, Massachusetts  
**Research Grant Massachusetts Consortium on Pathogen Readiness (“MassCPR”) - Guangzhou-Harvard**  
*USD 380,000*  
This project quantifies the role of social distancing in shaping the COVID-19 curve incorporating adaptive behavior and preference shifts in epidemiological models using big data from 344 Chinese cities.
- January 2018-September 2019 the Netherlands

**Grant Healthy Building Network, Interreg Germany - The Netherlands – European Commission**  
*EUR 250,000*

This project contributes directly to the actual growing awareness and interest in the topic of health and the effects of this of buildings to the users. I was coordinated the academic research tasks of the grant. This involved the design and analysis of a dataset to estimate the health impacts of a relocation of 1,000 municipality workers to a newly constructed building designed to enhance indoor environmental quality.

June 2018

Germany

**Best Paper Award. Joachim R. Frick Memorial Prize at 13th International German Socio-Economic Panel User Conference, given by The German Institute for Economic Research (DIW)**

June 2017-September 2017

San Francisco, California

**Fellowship Applied Research on the Indoor Environment and Cognitive Performance**  
**Google-GSA-Aclima**  
*USD 15,000*

Analysis of high-resolution dataset of indoor environmental sensors (air quality, thermal conditions, light and noise) deployed in Google and GSA facilities around the world. The final goal of the project was to identify the role that facility type, property management, mechanical systems, and other environmental related factors have in providing conditions to promote or degrade cognitive performance for office-based knowledge workers.

August 2016- February 2019

Belgium

**REVALUE, Horizon 2020 project – European Commission**  
*EUR 261,000*

This project aims at developing norms and standards that recognize the economic value of energy efficiency in affordable and private residential real estate. I was the coordinator of Maastricht University's working packages.

## Teaching Experience

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April 2023-present

*Maastricht, the Netherlands*

**Maastricht University, School of Business and Economics**

Block Coordinator

- Real Estate Economics Finance and Investments [Student Evaluations: 7.8 out of 10]

October 2019-present

*Boston, Massachusetts*

**Massachusetts Institute of Technology, Center for Real Estate**

Block Coordinator

- Sustainable Real Estate Economics and Business (M.Sc) [Student Evaluations: 6.8 out of 7]

Teaching Assistant

- Economic Analysis of Urban Development and Environmental Sustainability (M.Sc / B.Sc)

Thesis Supervision and Assessment

- 2 Thesis supervisor one M.Sc. thesis
- 4 Undergraduate research projects (UROP)

June 2015-2019

*the Netherlands*

**Maastricht University, Department of Finance**

Block Coordinator

- Real Estate Investment and Valuation (M.Sc) [Student Evaluations: 8.9 out of 10]

Teaching Assistant

- Investment Analysis and Portfolio Management (B.Sc) [Student Evaluations: 8.5 out of 10]
- Introduction to Finance (B.Sc) [Student Evaluations: 9.0 out of 10]
- Macroeconomics and Finance (B.Sc)

Thesis Supervision and Assessment

- 15 M.Sc. Final Theses (Finance/Economics)
- 43 B.Sc. Final Theses (Finance/Economics)
- 2 B.Sc. MARBLE Theses (Finance/Economics)

March 2015-May 2015

*Shanghai, China*

**Tongji University, School of Economics and Management**

Block Coordinator

- Research Methods for Managers. Course in Advance Methods in Econometrics (Msc)

**Guest Lectures**

University of Guelph (2022), Harvard Summer School (2021), Georgetown University (2018)

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