

# JORGE LUIS MONTERO MESTRE

Environmental economist

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## Education

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<b>Universidad de Los Andes</b> <i>PhD in Economics - 4.1/5.0</i>	<b>06 2020 – 04 2025</b> <i>Bogota, Colombia</i>
<b>Universidad de Los Andes</b> <i>M.Sc. in Economics -4.2/5.0</i>	<b>06 2020 – 04 2023</b> <i>Bogota, Colombia</i>
<b>Universidad de Cartagena</b> <i>B.S. in Economics - 4.3/5.0</i>	<b>2013 – 2019</b> <i>Cartagena, Colombia</i>

## Research Interest




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Environmental economics and natural resource, development economics, and applied econometrics.

## Research

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### Working papers

- JMP:** Illuminating the Shadows: Assessing Compliance and Effectiveness in Marine Protected Areas with Satellite Imagery and AIS Data 
- Assessing Resilience in the Water-Energy-Land-Food Nexus: A Multi-Scale Approach in the Colombian Caribbean. *Under Review.*
- Unmasking the Threat to Property Rights: Unauthorized Fishing Activity during the COVID-19 Pandemic 
- Fueling the Tensions: Examining the Effects of Fuel Subsidy on Chinese Fleets Compliance 

### Working in progress

- MPA governance and fishing activity in Indonesia. With *Andries Richter, Anna Abatayo, & Maartje Oostdijk*
- Impacts of dams on freshwater fish diversity in amazon. With *Ben Chipperfield*
- Conservation, Labor reallocation and AI automatization impacts
- Fishery bans and local development

## Teaching Experience

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### Teaching Assistant

- Universidad de los Andes**

Econometrics for undergraduate students	2022 - 2024
Environmental and natural resource economics for graduate students	2022 - 2023

### Lecturer

- Universidad de los Andes**

Statistical & R Programming Workshop Seminar	2024
Microsoft Excel Workshop Seminar for undergraduate students	2023
- Technical University of Munich**

WELF Nexus and Resilience for graduate students	2024
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## Research Experience

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<b>JLU Giessen University &amp; Universidad de Los Andes</b> <i>SDGNexus Network Research fellow</i>	<b>06 2020 – 12 2024</b> <i>Bogota, Colombia</i>
<b>Universidad de Los Andes</b> <i>Graduated Research Assistant</i>	<b>06 2023 – 03 2024</b> <i>Bogota, Colombia</i>
<b>Universidad de Cartagena</b> <i>Data analyst</i>	<b>02 2019 – 01 2022</b> <i>Cartagena, Colombia</i>
<b>Universidad de Cartagena</b> <i>Research assistant</i>	<b>01 2018 – 12 2018</b> <i>Cartagena, Colombia</i>
<b>Bank of the Republic</b> <i>Research assistant</i>	<b>01 2017 – 12 2017</b> <i>Cartagena, Colombia</i>

## Conference Presentations

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<b>20th IEA World Congress</b> <i>Marine conservation efforts and their effects on industrial fishing activity</i>	<b>2023</b> <i>Medellin, Colombia</i>
<b>17th EfD annual meeting</b> <i>Unauthorized Fishing Activity during the COVID-19 Pandemic</i>	<b>2023</b> <i>Acra, Ghana</i>
<b>16th EfD annual meeting</b> <i>Marine conservation efforts and their effects on industrial fishing activity</i>	<b>2022</b> <i>Kampala, Uganda</i>
<b>8th NENRE EfD-Chile annual meeting</b> <i>Marine conservation efforts and their effects on industrial fishing activity</i>	<b>2022</b> <i>Parral, Chile</i>
<b>National Colloquium of Doctoral Students in Economics</b> <i>Marine conservation efforts and their effects on industrial fishing activity</i>	<b>2022</b> <i>Cali, Colombia</i>

## Grants

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<b>Wageningen University &amp; Research</b> <i>WIMEK Research fellowship (5.450 €)</i>	<b>2024</b> <i>Wageningen, Netherland</i>
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## Skills/ Languages

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### Programming skills

Stata, R, Python and Bigquery

### GIS skills

ArcGis, QGis

### Languages

English and Spanish

## References

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### Jorge Higinio Maldonado

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Full Professor  
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### Jorge Alexander Bonilla

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### Andries Richter

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### Helmut Breitmeier

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