

# Spatial Policies for the Environment and Equal Development

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# About me

## PhD Training: international, but orbiting Barcelona

- PhD Economics, **IDEA-UAB** (2021)  
*Advisors: Hannes Mueller and Dávid Nagy*
- Laurea Magistrale Econ., U Bologna (2015)
- BSc Econ., U Mackenzie, São Paulo, Brazil (2012)

## Professional Journey: also orbiting Barcelona

- 2021-23: Assist. Prof., Università di Bologna
- 2021-23: Consultant, The World Bank
- 2016-21: RA+TA, **BSE** (e.g., EPP, MPFM, **EconAI**, ...)

# My Research

I study **climate change** mitigation+adaptation. **Why?**

- Lack of coordinated, worldwide mitigating policies
- Unilateral policies set in developed economies
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Questions of interest:

1. Unilateral pol. trade-offs (e.g., CO<sub>2</sub> tax↔leakage)?
2. How to decouple growth↔ resource use?
3. How to ensure a fair, unequal net-zero transition?

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- Theory: **dynamic+spatial+climate** GE models +
- Empirics: evidence and target moments =
- Climate-economy evolution over space and time

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Pushes forward current agenda:

1. Conte et al. (2021): global  $C\Delta$  and trade policies?
2. Conte (2023, 2024):  $C\Delta$  adaptation (e.g., migration, urbanization, trade) in rural economies?
3. Conte et al. (2024): Effects of unilateral CO<sub>2</sub> taxes?

# My Research

Stay tuned – current pipeline:

1. **Inequality aspects** of environmental policies  
(with Desmet and Rossi-Hansberg)
2. Globalization and **water depletion** around the world  
(with Aguilar and Massoni)
3. **Micro-level adaptation** to climate change  
(with Groeger & RUSTDEV)

**Thank you!**

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# References I

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- , “Climate change and migration: the case of africa,” 2024.
- , **Klaus Desmet**, and **Esteban Rossi-Hansberg**, “On the Geographic Implications of Carbon Taxes,” 2024.
- , — , **Dávid Krisztián Nagy**, and **Esteban Rossi-Hansberg**, “Local sectoral specialization in a warming world,” *Journal of Economic Geography*, 2021, 21 (4), 493–530.

