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Professor Olmo Silva
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RESEARCH INTERESTS

Environmental Economics, Public Economics, Political Economy

EDUCATION

2014-2019 **PhD Environmental Economics**, London School of Economics (LSE), UK

Thesis Title: “*The Environmental and Distributional Effects of Carbon Taxes*”

Thesis Advisors: Ben Groom and Giles Atkinson

2013-2014 **MSc Economics**, University College London (UCL), UK

2012-2013 **MSc Environmental Economics and Climate Change** (with Distinction), London School of Economics (LSE), UK

2009-2012 **BSc Economics**, Lund University, Sweden

PUBLICATIONS

Andersson, Julius J. 2019. Carbon Taxes and CO₂ Emissions: Sweden as a Case Study. *American Economic Journal: Economic Policy*, 11(4): 1-30. ([link](#))

Abstract: This quasi-experimental study is the first to find a significant causal effect of carbon taxes on emissions, empirically analyzing the implementation of a carbon tax and a value-added tax on transport fuel in Sweden. After implementation, carbon dioxide emissions from transport declined almost 11 percent, with the largest share due to the carbon tax alone, relative to a synthetic control unit constructed from a comparable group of OECD countries. Furthermore, the carbon tax elasticity of demand for gasoline is three times larger than the price elasticity. Policy evaluations of carbon taxes, using price elasticities to simulate emission reductions, may thus significantly underestimate their true effect.

WORKING PAPERS

Andersson, Julius J. The Distributional Effects of a Carbon Tax: The Role of Income Inequality.

Andersson, Julius J. The “Meatigation” of Climate Change: Environmental and Distributional Effects of a Greenhouse Gas Tax on Animal Food Products.

WORK IN PROGRESS

The Determinants of the Distributional Effects of Transport Fuel Taxation

Effects of a Carbon Tax on Employment

External vs. Internal Margin: Household Responses to Transport Fuel Taxation

CONFERENCES AND WORKSHOPS

2019: FSR Climate Conference (Florence)

2018: OECD Seminar (Paris)

2017: Envecon (London); Environmental Economics Seminar (Gothenburg University); Seminar at the Department of Finance (Stockholm)

2016: EAERE (Zurich); FSR Climate Conference (Florence)

SCHOLARSHIPS AND AWARDS

2016 LSE Class Teacher Award

2014-2019 LSE PhD Studentship

TEACHING

2015-2017 GY121 Sustainable Development (Class Teacher, LSE)

REFERENCES

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LANGUAGES

English (fluent), Swedish (native)