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Professor of...	Economics and Sustainability

Advisor Information

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Office Hours	Tuesdays 14:30-15:50, Office 3.42

Research & Advising Profile:

General Academic Field: What is your academic field, and what are your areas of supervision?

I am an applied environmental economist with a focus on fiscal and climate policy. My research interests lie at the intersection of finance, environmental and public economics. I have previously focussed on evaluating the workings of price-based environmental and climate policy instruments as well as their interactions with the tax system as a whole, and on the interplay between financial markets and climate policy. My research largely relies on quantitative methods, and I typically use econometric methods for causal inference and large micro-level datasets to evaluate policies.

While I am happy to supervise theses outside of my own specific research topics and methods, I would be most comfortable supervising theses that apply quantitative research methods.

Specific Expertise: What is your specific area of expertise, and what topics are you supervising?

My research and interests are rooted in environmental economics. Topics that I am particularly interested in supervising include but are not limited to the following:

- Price-based environmental and climate policy instruments, e.g. carbon and energy taxes, emissions trading systems, congestion pricing in traffic
- Interactions between tax and environmental policy, e.g. personal income tax reductions for commuters, corporate tax credits and incentives for sustainable investment
- Financial markets and climate policy, e.g. debt or stock market responses to climate policy
- Policies to support greenhouse gas removal (e.g. afforestation, DAC)
- Topics around environmental justice

Methodology: What methodologies and methods are you able to supervise?

I am happy to supervise master theses that use data-driven or econometric methods to evaluate the causal impact of policies, e.g. using observational and administrative datasets, or exploring new and innovative data sources. Depending on data and context, a good descriptive analysis can be extremely interesting too.

Supervision Style:

Colloquia: Colloquia will be organized on-site at the Hertie School in Berlin. While most sessions will be plenary sessions for the full group, up to two sessions may be organised to allow for individual meetings and feedback.

Team projects: I am generally open to supervising team projects, depending on the suitability of the individual proposal.

Individual meetings: I offer individual meetings to discuss first research ideas, and empirical results.

Examples of Previously Supervised Thesis Topics: *(if applicable)*

Recommended General Readings: *(if applicable)*

Angrist, J. and Pischke, J.-S. (2014), *Mastering `Metrics: The Path from Cause to Effect*. Princeton University Press.

Plagiarism:

Plagiarism is an infringement of § 11 Good Academic Conduct, 2a: "Infringements of the standards of good academic conduct include for instance to use wordings, ideas or other intellectual work of others in an academic work without clearly indicating the author. The obligation to indicate the authorship of others shall apply irrespective of whether or not the sources used are protected by copyright" (See: Exam Rules, § 11 Good Academic Conduct for more information).

It is vital to keep track of your sources and to cite all material properly.

The Library will offer a session available to all students on resource management and proper citation.

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Participation & Milestones:

1. Research Question and data, including proposed methodological approach
2. First empirical results
3. Annotated outline of full thesis
4. First draft
5. Revised draft

Colloquium & Meeting Information:

The following information and schedule is preliminary and may be subject to change, depending on student’s needs and progress.

	Colloquium Dates	Session Title
Meeting times (suggested)	End of November/Start of December	Research question and methods
	December/January (possibly online)	Research design and data
	<i>tbd</i>	Identification and data analysis, first results
	<i>tbd</i>	Presentation and discussion of results
	<i>tbd</i>	Discussion of first drafts
	<i>tbd</i>	Open Q&A

Colloquium Sessions:

Session 1: Research question and methods	
Aim	This session will feature a presentation and joint discussions of all research proposals, including the datasets and proposed identification methods (if applicable). The aim will be to narrow

	<p>down the research questions and identify any gaps in terms of methodology and data needs.</p> <p>We will also briefly discuss how empirical research papers in economics are typically structured, and how you can apply and adapt this structure to your individual contexts.</p>
Assignment to work on after the session	Narrow down research question, close any remaining gaps in terms of data or methodology. If possible, start working on the dataset, e.g. by generating some first descriptive statistics.

Session 2: Research design and data	
Aim	This session will focus on your individual research design and datasets. Students will present their datasets, as well as first descriptive statistics, if applicable.
Assignment to work on after the session	Further develop and narrow down your research design and identification strategy, start generating some first empirical results.

Session 3: Identification and data analysis, first results	
Aim	In this session, we will dig deeper into the discussion of causal identification, and discuss some first results of student's analysis.
Assignment to work on after the session	Generate a first set of results with an annotated outline (i.e. bullets accompanying tables and graphs).

Session 4: Presentation and discussion of results	
Aim	This session will feature presentations of a first set of full results by students and we will jointly discuss their interpretation.
Assignment to work on after the session	Write up a first draft of your thesis.

Session 5: Discussion of first drafts/Open Q&A	
Aim	Get feedback on the first thesis draft, either in the plenary or via individual appointments.
Assignment to work on after the session	Integrate any feedback in your first draft.

Session 6: Open Q&A	
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Aim	This session will be an open Q&A in which students can get individual feedback on any remaining open questions.
Assignment to work on after the session	Finalise a revised draft of your thesis.