

# Economic Geography and the Environment

Augusto Ospital  
LS (Seminar)

Wintersemester/winter semester 2025/26

This seminar investigates how economic geography – the distribution of economic activity in space – matters for environmental issues and climate change. Environmental externalities operate at different spatial scales. For example, exposure to air pollution depends on the distance from the point of emission, and while climate change is a global phenomenon, policies in key places, such as the Amazon, may be especially important. Moreover, the effects of climate change are local: poorer countries are more exposed to forecasted extreme temperatures, coastal areas are more vulnerable to flooding, and some industries, like agriculture, are more sensitive to weather changes. As a result, barriers to the movement of people, goods, and capital will shape humanity's ability to adapt to climate change.

The seminar exposes students to current (mostly) empirical and quantitative papers in top economic journals as well as recent working papers. We will mainly focus on empirical and quantitative studies, and combine them with some key theoretical concepts. The students will learn advanced econometric methods applied in this literature, and the exposure to the research frontier is designed to inspire their own research ideas.

The seminar targets advanced bachelor students with a very good command of econometrics.

<b>Studiengang:</b> <i>Program:</i>	BSc
<b>Termin Vorbesprechung (tt.mm.jjjj):</b> <i>Date of preliminary meeting (dd.mm.yyyy):</i>	16.07.2025, 11:00 - 12:00
<b>*Bearbeitungszeitraum für die Hausarbeit:</b> <i>*Working period for term paper:</i>	15.09.2025 - 13.10.2025
<b>*Seminartermin:</b> <i>*Seminar date:</i>	13.11.2025-14.11.2025
<b>Veranstaltungsort:</b> <i>Venue:</i>	Ludwigstr. 33, 4th floor, room 442
<b>falls außerhalb: Kostenschätzung:</b> <i>if out of Munich: estimated costs:</i>	- €
<b>Sprache:</b> <i>Language:</i>	English
<b>Empfohlene Vorkenntnisse:</b> <i>Recommended courses:</i>	Econometrics 1 and 2
<b>Methodischer Schwerpunkt:</b> <i>Methodological background:</i>	Applied micro economics, econometrics
<b>*Grundlagenliteratur:</b> <i>*Basic references:</i>	
<b>*Kontakt:</b> <i>Contact:</i>	

\* Optional (falls schon bekannt) / optionally (if already known)