Lecture 1: Introduction

Prof. Eduardo A. Haddad
Basic information

Advanced Training in Economic Analysis and Management: Regional Economics

April 23-26, 2018 – Africa Business School, OCP, Casablanca, Morocco

Lecturer: Prof. Eduardo Haddad – University of Sao Paulo (Brazil)

Website: http://www.usp.br/nereus/?p=6168
Objectives

Introduce students to some of the commonly-used tool kits in regional economics that help understanding and interpreting the complexity of the spatial structure of sub-national economies

- Emphasis will be given to the analysis of integrated interregional systems.

Study applications for different countries (Brazil, Colombia, Egypt, Greece, Lebanon, Morocco and Portugal) related to topics of interest for regional policy makers

- Philosophy: provide concepts for insightful policy assessments
- "Being policy-relevant without being policy-prescriptive"
Some policy issues

Does location matter for understanding socioeconomic processes?

What are the main drivers of growth in a regional economy?

How do regions interact in a country?

How does the observed pattern of domestic tourist expenditures contribute to regional inequality?

What are the economic costs of climate change?

Which regions would (potentially) be more affected by climate change, and to what magnitude?
Some policy issues

What are the economic costs of floods in a big city?

Do droughts have only local impacts?

What is the water content in domestic and international trade flows?

Are social policies regional policies?

Does the production structure offset the redistributional effects of regional transfers?

What if the government decided to build an inter-municipal bus corridor in a metropolitan area?
Some policy issues

Do mobility policies affect urban productivity?

What are the implications of domestic integration for regional growth?

How can we choose between policy options with multi-dimensional impacts?

Can port efficiency help improving a region’s competitiveness?

What are the economic costs of a war?

How do regions adjust to natural disasters?

(...)

Day 1 (April 23) – Spatial Data

9:30–11:00: Measures of Concentration, Specialization, and Localization

11’:00-11:15: Coffee break

11:15-12:30: Exploratory Spatial Data Analysis (ESDA) – Geovisualization

Lunch

14:30-16:00: Exploratory Spatial Data Analysis (ESDA) – Global Spatial Autocorrelation

16:00-16:15: Coffee Break

16:15-17:30: Exploratory Spatial Data Analysis (ESDA) – Local Spatial Autocorrelation
Day 2 (April 24) - Economic Impact Analysis

9:30–11:00: Economic Base Models

11:00-11:15: Coffee break

11:15-12:30: Input-Output Models

Lunch

14:30-16:00: Inter-regional Input-Output Models

16:00-16:15: Coffee Break

16:15-17:30: Application: Tourism Multipliers (Azores and Brazil)
**Day 3 (April 25) - Economic Impact Analysis**

9:30–11:00: CGE Models

11:00-11:15: Coffee break

11:15-12:30: Inter-regional CGE Models

Lunch

14:30-16:00: Application: Climate Change (Brazil and Lebanon)

16:00-16:15: Coffee Break

16:15-17:30: Application: Natural Resources (Morocco)
Day 4 (April 26) - Trade and Networks

9:30–11:00: Application: Government Transfers as Regional Policies (Brazil and Greece)

11:00-11:15: Coffee break

11:15-12:30: Application: Intra-Urban Transportation Infrastructure - Passengers (Sao Paulo Metropolitan Area)

Lunch

14:30-16:00: Application: Domestic Integration (Colombia, Egypt, Lebanon)

16:00-16:15: Coffee Break

16:15-17:30: Application: Inter-regional Transportation Infrastructure - Cargo (Brazil) / Application*: Port Infrastructure (Brazil) / Unexpected Events (Lebanon)
# Course validation

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ÉVÉNEMENTS À VENIR

Colloque international Sur le thème Entrepreneuriat, Innovation et Territoire
Le 11 et 12 Mai 2017 au Palais des congrès, Fès