



NEREUS

Núcleo de Economia Regional e Urbana
da Universidade de São Paulo

The University of São Paulo
Regional and Urban Economics Lab

Lecture 1: Introduction

Prof. Eduardo A. Haddad

Basic information

Advanced Training in Economic Analysis and Management:
Module 4 – Regional Economics

April 20-24, 2015 – OCP Policy Center, Rabat, Morocco

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

Website: <http://www.usp.br/nereus/?p=3812>

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, 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?

How do regions interact in a country?

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

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?

Are natural resources a curse for a regional economy?

How do regions respond to trade liberalization policies?

What are the implications of domestic integration for regional growth?

Can port efficiency help improving a region's competitiveness?

What are the economic costs of a war?

Some policy issues

How regions adjust to natural disasters?

Are social policies regional policies?

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

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

Do mobility policies affect urban productivity?

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

Some policy issues

Does the provision of tourism infrastructure induce private investment in a region?

Should a city bid for the Olympics?

What role does geography play in the process of creation and diffusion of knowledge?

(...)

Day 1 (April 20) – Spatial Data

9:15–10:30: Measures of Concentration, Specialization, and Localization

10:30-10h50: Coffee break

10:50-12:15: Exploratory Spatial Data Analysis (ESDA) – Geovisualization

Lunch

14:00-15:30: Exploratory Spatial Data Analysis (ESDA) – Global Spatial Autocorrelation

15:30-15:50: Coffee Break

15:50-17:15: Exploratory Spatial Data Analysis (ESDA) – Local Spatial Autocorrelation

Day 2 (April 21) – Economic Impact Analysis

9:15–10:30: Economic Base Models

10:30-10h50: Coffee break

10:50-12:15: Input-Output Models

Lunch

14:00-15:30: Inter-regional Input-Output Models

15:30-15:50: Coffee Break

15:50-17:15: Application: Tourism Multipliers (Azores and Brazil)

Day 3 (April 22) – Economic Impact Analysis

9:15–10:30: CGE Models

10:30–10h50: Coffee break

10:50–12:15: Inter-regional CGE Models

Lunch

14:00–15:30: Application: Climate Change (Brazil and Lebanon)

15:30–15:50: Coffee Break

15:50–17:15: Application: Natural Resources (Brazil)

Day 4 (April 23) – Trade and Networks

9:15–10:30: Application: Trade Liberalization (Colombia)

10:30-10h50: Coffee break

10:50-12:15: Application: Domestic Integration (Colombia, Egypt and Lebanon)

14:00-15:30: Application: Port Infrastructure (Brazil) / Unexpected Events (Lebanon)

15:30-15:50: Coffee Break

15:50-17:15: Application: Government Transfers as Regional Policies (Brazil)

Day 5 (April 24) – Mobility, Accessibility and Productivity in Inter-regional Systems

9:15–10:30: Application: Intra-Urban Transportation Infrastructure – Passengers (Sao Paulo Metropolitan Area)

10:30-10h50: Coffee break

10:50-12:15: Application: Inter-regional Transportation Infrastructure – Cargo (Minas Gerais, Brazil)

Lunch

14:30-16:00: Application: Tourism Infrastructure and Mega-Sport Events (Brazil)

16:00-16:15: Coffee Break

16:15-17:30: Application: Network Analysis (Brazil) / Regionalization (Morocco)

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Les objectifs de l'AMSR sont, entre autres, de contribuer au progrès et à l'avancement des Sciences Régionales par le développement d'une recherche interdisciplinaire et trans-sectorielle

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Les objectifs de l'AMSR sont, entre autres, de contribuer au progrès et à l'avancement des Sciences Régionales par le développement d'une recherche interdisciplinaire et trans-sectorielle ; promouvoir les Sciences Régionales, leurs concepts, méthodes et outils auprès des organisations, des institutions et des établissements de recherche ou de formation supérieure ; être un lieu d'échange et de partage d'information et de connaissances pour l'ensemble de la communauté scientifique qui s'intéresse aux Sciences Régionales, et un forum pour l'approfondissement de la réflexion sur des thématiques relatives aux Sciences Régionales ; promouvoir l'échange de connaissances scientifiques et d'expériences techniques avec les groupements professionnels, les organismes régionaux, nationaux et internationaux ayant pour objectif la production ou l'utilisation des connaissances des Sciences Régionales.

AGENDA DES ÉVÉNEMENTS

AVRIL 2015						
Lun	Mar	Mer	Jeu	Ven	Sam	Dim
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
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