

Master Économie

Economie de l'environnement

Responsables	Descriptions	Informations
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LANGUE(S) D'ENSEIGNEMENT

Anglais

CONTENU

Part I of this lecture is dedicated to the design of an environmental policy. These regulation tools are first introduced in the context of a competitive polluting industry. We concentrate our attention on property rights, usual command and control, Pigouvian taxes, and emission rights permits. In a second step, we discuss the effect of imperfect competition, of imperfect information and of policy spill-overs. In part two of this course you will learn about the categories of economic value assigned to environment and work through the utility theory on which environment valuation methods are based. We will survey the non-market valuation method employed by economists to measure public goods. This includes Revealed Preference methods and Stated Preference methods based on surveys and hypothetical markets. We will explore theoretical and empirical issues.

Course outline:

Part I: The design of an environmental policies

1. The regulation of a competitive polluting industry
 - a. A competitive partial equilibrium model
 - b. Property rights and the Coase theorem
 - c. The different instruments
2. Some extensions
 - a. Market Power
 - b. Imperfect information
 - c. Policy spill-overs

Part II: Valuing the Environment

1. The theory of environmental valuation
 - a. Categories of Values
 - b. From economic values of non-market goods to valuation methods
 - c. Willingness To Pay (WTP) or Willingness To Accept (WTA)
2. Stated Preference Methods
 - a. Hypothetical Market
 - b. Contingent Valuation Methods
 - c. Choice Modelling
3. Revealed preference Methods
 - a. Valuing consumer's benefits
 - b. Related topics

COMPÉTENCES À ACQUÉRIR

- Identifying the main issues of modern resource and environmental economics
- Identifying the relevant theoretical models to deal with them
- Identifying the relevant empirical models to deal with them
- Valuing goods and services when markets do not exist

MODALITÉS D'ORGANISATION

This lecture on environmental economics is split into two topics of 12 hours. One is dedicated to environmental policy and the other to environmental evaluation. There is a separate evaluation for the two parts which takes the form of a final exam.

BIBLIOGRAPHIE, LECTURES RECOMMANDÉES

- Endres A. Environmental Economics: Theory and Policy Cambridge University Press 2010
- Koldsadt C.D Environmental Economics Oxford University Press 2000
- Hanley, N., E.B. Barbier Pricing Nature, Edward Elgar Publishing, Inc. 2009

- Perman R., Ma Y., Common M., Maddison D., McGilvray J. Natural Resource and Environmental Economics 4th edition Addison Wesley 2011
- Phaneuf D., T. Requate, A course in Environmental Economics, Theory, Policy and Practice Cambridge university Press 2017

PRÉ-REQUIS OBLIGATOIRES

- Advanced Consumer's theory, producer theory, welfare economics
- Market Failures: Externalities, Public Goods
- Basic econometrics

PRÉREQUIS RECOMMANDÉS

Econometrics of Qualitative dependent variable: logit, logit multinomial models.

VOLUME HORAIRE

- Volume total: 24 heures
- Cours magistraux: 24 heures

CODES APOGÉE

- BECC07B [ELP]

M3C

Aucune donnée M3C trouvée

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