

Environmental Economics

ECONOMICS AND EVALUATIONS FOR THE ENERGY TRANSITION

 **291c1hp**

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DI TRIESTE**

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Course objectives

The course presents the main theoretical foundations and operational tools of environmental economics, including cost-benefit analysis (CBA) and approaches to the economic valuation of environmental goods and services and externalities.

Course outline

1.

Markets and the Environment

- The power of markets
- Market failure
- Market incentives for environmental protection

2.

Economic Growth and Sustainable Development

- Economic growth and development
- Growth and the environment
- The economics of sustainable development

3.

Valuing the Environment and Cost-Benefit Analysis

- Valuation of benefits and costs
- Choosing the social discount rate
- Decision criteria

Course materials on Moodle

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> Course outline

> Lectures

> Calculation spreadsheets for CBA

> Readings

> Useful links

Reference text

