

## **ENVIRONMENTAL MANAGEMENT**

- Management of the atmospheric environment: air pollution control, strategy for the abatement of air pollution episodes.
- Criteria and limits of air pollution at national and EC levels. Organization of mechanisms for air pollution control.
- Emissions inventories: Methodologies for the determination of emissions.
- Environmental impact assessments: Definition, categorization, assessment methods and models, Strategic environmental impact assessment.
- Categorization of atmospheric pollution studies.
- Urban metabolism – urban fluxes – energy budget - Land use/Land cover.
- Climate change and cities – Urban microclimate – Thermal environment – Heat waves.
- Methodology for urban climate change adaptation and mitigation plans in cities.
- Resilient cities.
- National plans for adaptation and mitigation to climate change.
- Mechanisms for the abatement of climate change: emissions trading, joint implementation), clean development mechanism.
- The environmental dimension in spatial and urban planning.
- Environmental indicators. Definitions, methodology for development, composite indices.