

The Contingent Valuation Method: describe the steps, the WTP/WTA disparity and, finally, what the NOAA Panel identified.

Project appraisal and discount rate choice. (i) Define the Net Present Value test and describe the influence of the discount rate choice on the NPV. (ii) Describe the main approaches in the discount rate choice. (iii) How to choose, in practice, the discount rate for projects with lifetime greater than 75 years?

Define the value of statistical life and discuss methods for attaching monetary value to life.

Discount rate choices in practice: describe the distinction between intra- and inter-generational discounting and focus on the international government agencies' guidelines.

Decision rules for games against nature.

The revealed preference methods: describe and discuss their characteristics by comparing them with stated preference methods. Then focus on the Travel Cost Method (TCM): explain the theoretical basis and the shortcomings. Finally, explain one example/field of application of the TCM.

Valuing the environment. (i) Explain and describe the revealed preference environmental valuation techniques and their possibility to measure environmental benefits or environmental costs. (ii) Discuss which environmental valuation method can be considered in case of water pollution (river).

Individual decision making in situations involving risk.

Explain the environmental valuation techniques and their possibility to measure environmental quality change done by a project. Discuss which valuation method you can consider in case of noise pollution (i.e. airport).

Explain the theoretical basis, the advantages and the shortcomings of the travel cost method. Describe the steps of the Zonal Travel Cost Model.