

Bottom-up mathematical programming for sustainable food supply in the 21st century

OBJECTIFS

The objectives are threefold:

- (1) to use modelling techniques as a pedagogical tool to introduce and explain the links between economic and technological constraints in farm decisions
- (2) to teach how to build models suitable to run simulations illustrating and highlighting the stakes of policy choices related to agriculture and environment (from farm level through national/regional to global level)
- (3) to re-build rapidly and efficiently a community of agricultural economists mastering these modelling skills which are highly demanded by various institutions (European Commission, OECD, FAO, IFPRI, etc.) since they are widely used to evaluate policy options and to identify the best design of policy instruments.

Responsable :

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