SAMs as a tool for conducting quantitative investigation in tourism

Topic: Input-Output Theory and Methodology - IV
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SAMs as extensions of I-O tables are widely used for economic systems comprehensive analysis using Impact Multiplier Models IMM) and via CGE models.

In this paper, IMM will be used to quantitatively investigate tourism sector, to analyse the structure of the economic system and the role of tourism and its effect on the whole system through the estimation of impact multiplier coefficients.

The data used is represented by a (51x51) accounts and (38x38) branches SAM for China jointly elaborated at the Shanxii University of Finance and Economics (SXUFE) and at the Department of Statistics of the University of Florence.

The research will analyse for the first time the impact of tourism on productive structure of the Chinese economic system, and the multiplicative impact of exogenous demand for tourism services on the endogenous accounts (branches), particularly on the manufacturing ones, after having identified the endogenous accounts and the exogenous one.

The results will provide information for government policy decisions.