

Call for Papers

15th International Input-Output Conference, June 27 – July 1, 2005, Beijing, China

Sessions on Scenarios and World Modeling

The Fifteenth International Input-Output Conference will be held on June 27- July 1, 2005 at the Renmin University in Beijing, China.

Motivation

Since the early nineties, the promotion of a global consciousness over the human impact on climate and over the unsustainability of economic and social development has been one of the most important features achieved by the global community. However, there is a widely shared agreement with respect the failure of the overall performance regarding the established goals. Within this context, more than ever there is a need to articulate a clear approach to sustainable development in its social, environmental and economic dimensions on the basis of the exploration of alternative paths capable of modifying significantly the present structure on a global level. World modeling plays an important role on this issue.

The input-output structural framework allows us to portray the “real” side of the economy and to analyze structural change at a national or regional level. Initially, it was conceived for production technologies but it has been extended to household lifestyles and income distribution patterns. Also, input-output based models can be used for assessing the impact of human activity on the environment in terms of utilization of resources and the generation of waste and pollutants. As a result, input-output analysis is playing an increasingly important role on global issues and diverse environment and social impact assessments.

Therefore, we argue that somehow the time is right again to continue the discussion of these issues as we did in Montreal two years ago. There are several reasons that encourage building world models, i.e. the continuously improving database for each country within the context of international statistical systems (System of National Accounts; European System of Accounts and System of Environmental Accounts); the increasing elaboration of input-output tables on a use-make framework by a larger number of countries; the availability of economic time series for regions; and the development of social accounting matrices, computable general equilibrium models and new tools to be incorporated in such world models regarding private consumption coefficients (behavioural equations), technical coefficients (technology), and scenarios (cross-impact analysis or interpretive structural modelling).

The sessions

The sessions will focus on the recent developments to improve the development and construction of input-output based world models. The topics will include but are not limited to:

- World modeling.
- Future scenarios frameworks and global input-output models
- Input-output based world environmental impact assessments
- World social accounting matrices.
- Global structural changes.

Please send your intended paper titles and name of authors to us by the 15th of October, and your abstract by October 28th, 2004. Abstract should be no more than 250 words.

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