GTAP activities of SJFI

The institute is a research institution under the Ministry of Food, Agriculture and Fisheries. A board appointed by the Minister sets the overall priorities for the institute. The board represents research (2), agricultural, horticultural and fisheries organisations (5), statistics (1) and employees of the institute (2). The chairman is appointed directly by the Minister. The director and the heads of divisions carry out the day to day operation.

The purpose of the institute is to carry out research, and to give advice on agricultural and fisheries economics from an economy-wide as well as a firm point of view. The activities also include economic aspects of resource and environment management and production of statistics about the economy of agriculture and fisheries.


The Agricultural Policy Research Division performs research in the fields of economics and policy of agriculture; international policy, co-ordination and adjustments - in particular in regard of agriculture - and the relation between agriculture and the environment. Furthermore, it is the objective to monitor the development in economics of agriculture, to analyse the economic consequences of changes in the economic and political framework and to provide guidance on the formulation of policies in regard of the industry. The Division has since 1995 used the GTAP database, models and related software products and programs. In 1999 the Division hosted the Second Annual Conference on Global Trade Analysis.

The Farm Management and Production System Division is primarily concerned with research related to farm management and production economics. The division produces and extends information concerning the economic interrelations within the agricultural firm and among individual enterprises in order to support extension work and improve the basis for farm decisions. Furthermore, the division is involved in research related to the use of agricultural products in other industries, environment and animal welfare.

The purpose of Fisheries Economics and Management Division is to establish, develop and facilitate knowledge about fisheries economics and management. The research is based on the interrelation with fisheries biology and environmental issues. The research comprises the economic, managerial, environmental and political framework for fishery in national, EU and international perspective, including the quantitative consequences for the Danish and the EU fisheries sectors of changes in the framework.

The task of the Statistical Division is to carry out statistical analyses on representative samples of firm accounts in order to produce information on the economic situation in agriculture, horticulture and fisheries in general as well as for types of firms. The Statistical Divi-
sion furnishes the Danish contribution to the EEC farm accountancy data network. The division also carries out Price statistics for the agricultural and the horticultural sectors.

The WEB page is [www.sjfi.dk](http://www.sjfi.dk) where further information and documents are available.

**Research activities in 1999-2000 (in short)**

SJFI research (with relevance for GTAP) has during the last year focused at:

2. The WTO Trade negotiations (New project with IFPRI).
3. The Economic Impacts of Gene Modified Organisms
4. Analysis of the long term prospects for the Danish Food Industry – A global analysis
5. Estimating behavioral parameters for CGE-models using econometrically estimated flexible forms
7. Long-run behaviour and uncertainty in World Cereal Markets

Besides these activities SJFI has in cooperation with 9 European partners participated in the EU financed FAIR Concerted Action Project: "Assessment of the GTAP modeling framework for policy analysis from a European Perspective". This project has involved a review a number of trade models, including the GTAP model and its database. The policy perspectives of the project are European Enlargement, WTO negotiations, reforms of the Common Agricultural Policy and the Environment.

**Recent publications (of GTAP relevance)**


Frandsen, S.E., C.P. Nielsen og M.H.J. Stæhr (1999), in F. van Tongeren and H. van Meijl (eds.), Review of applied models of international trade in agriculture and related resource and
environmental modelling, Report 5.99.11, Agricultural Economics Research Institute (LEI), The Hague.


Frandsen, S. E. and C. P. Nielsen (1999), This is why GMO-free products should be labeled, Chronicle (in Danish), Jyllandsposten, Monday 20.12.99.


