



117th EAAE Seminar

1. Title: Climate change, food security and resilience of food and agricultural systems in developing countries: Mitigation and adaptation options

2. DATE AND LOCATION

November 25-27, 2010 at the University of Hohenheim, Stuttgart, Germany.

3. THEME AND BACKGROUND

The majority of the poor in low-income countries depend directly or indirectly on agriculture for their food security. The Intergovernmental Panel on Climate Change (IPCC) predicts that climate change will particularly affect tropical and subtropical agriculture through increased temperatures, changes in rainfall patterns, increased frequency and intensity of extreme events, and sea-level rise. The purpose of this seminar is to investigate the economics of climate change mitigation and adaptation options in developing-country agriculture.

Since 1989, the European Association of Agricultural Economists (EAAE) organizes a seminar on a tri-annual basis that focuses on agricultural and rural development issues in the developing world. The last seminar was held in Montpellier in October 2007, and featured the topic of Pro-Poor Development in Low Income Countries: Food, Agriculture, Trade, and Environment. The next seminar to be held on November 25-27, 2010 at the University of Hohenheim will focus on the economics of adaptation and mitigation options to climate change in developing countries and its linkages with food security. Agriculture, animal husbandry and forestry contribute significantly to global greenhouse gas emissions. Moreover, most developing-country greenhouse gas emissions emanate from agriculture and forestry. At the same time, developing-country agriculture will be strongly affected by the adverse impacts of climate change, with potential adverse impacts for food security and nutrition in highly vulnerable rural populations. There is a growing body of research by agricultural economists focusing on the evaluation of climate mitigation and adaptation options in agriculture, food and rural systems. These include studies on land use, and on household and institutional behaviour under conditions of variability and uncertainty. The focus is also on how to enhance the resilience of food and agricultural systems to shocks through trust, collective action, social capital, insurance, market coordination, and other institutional arrangements. This seminar seeks to take stock of socio-economic analysis in the agriculture- climate change/risk-food security nexus, and welcomes papers conducting analyses at the global, regional, national and sub-national, institutional, and household/intra-household level. Multi-disciplinary approaches that feature agricultural economics research in cooperation with agricultural and natural sciences or other social sciences are especially encouraged to contribute.

4. OBJECTIVE

The objective of this seminar is to bring together agricultural economists and other scientists working in the field of rural and agricultural development in developing and transformation countries in order to analyze the impacts of climate change on food security, and to evaluate relevant options for adaptation to and mitigation of climate change in the food and agricultural sector. Apart from climate change, theoretical and empirical research on the resilience of food and agricultural systems are also welcome.

5. TOPICS

Papers may cover theoretical and conceptual issues regarding the resilience, adaptive capacity and risk management of food and agricultural systems at the micro-, meso- and macro-level, or present empirical findings and modelling results. Quantitative and qualitative/ participatory research approaches are equally welcome. We invite papers that address any of the five topics in relation to food security and to climate change adaptation and mitigation in developing countries given below:

- a. Climate change scenarios/analyses using global, regional and national models of food and agricultural production and trade (including analyses of market and price volatility, simulations for production, international and domestic trade, agricultural sector models, spatial land use analysis).
- b. Vulnerability/resilience of food systems with respect to climate change at different levels (farmers, rural households, institutions, and local and global food value chains). This topic includes qualitative as well as quantitative research with respect to stakeholders' perceptions of climate change or other risks- such as price volatility-, risk assessments, risk management analysis, and panel data analysis on the resilience of food and agricultural systems.
- c. Economics of adaptation of agriculture to climate change (economics of adaptation in plant and animal production). This topic covers socio-economic evaluations and impact assessments of changes in the production, processing and technology of crop and animal production.
- d. Economics of adaptation of rural food and other economic systems to climate change (e.g. with respect to changes and institutional arrangements in food value chains, micro-finance, insurance, safety nets, diversification of non-farm income sources)

- e. Economics of mitigation of climate change in tropical agriculture and forestry (financial and economic valuation of micro-level mitigation options, biofuels, land use change, crop production and animal husbandry, payment for environmental services, policies regarding afforestation/avoidance of deforestation, etc.).

6. CALL FOR CONTRIBUTED AND POSTER PAPERS

The organising committee plans to invite a select number of keynote papers in addition to the call for contributed and poster papers:

- contributed papers, maximum 20 pages/10,000 words, for plenary or parallel sessions
- poster papers, maximum 10 pages/5,000 words, for the poster session.

7. LANGUAGE

The language of the seminar will be English.

8. ORGANIZATION

The seminar will be organized by the Food Security Centre of the University of Hohenheim. The newly founded Centre is supported by the German Academic Exchange Service (DAAD) and the German Ministry for Economic Cooperation and Development (see www.exceed.de). The seminar will take place in the castle of the University of Hohenheim.

LOCAL PROGRAM COMMITTEE:

Manfred Zeller (Chair), Franz Heidhues, Thomas Berger, Harald Grethe, Reiner Doluschitz (University of Hohenheim, Stuttgart, Germany)

INTERNATIONAL PROGRAM COMMITTEE

Michel Benoit-Cattin, CIRAD, Montpellier, France

Erwin Bulte, Wageningen University, The Netherlands

Kees Burger, Wageningen University, The Netherlands

Miet Maertens, Catholic University Leuven, Belgium

Herrmann Waibel (Universität Hannover)

Claudia Ringler, International Food Policy Research Institute (IFPRI), Washington, D.C.

Donato Romano, University of Florence, Italy

Kostas Stamoulis, Food and Agriculture Organization, Rome, Italy

9. REGISTRATION AND PARTICIPATION FEE

Participants of an EAAE-Seminar have to be member of the EAAE. The participation fees for current non-members include the EAAE membership fee of 45 Euro for the period September 2008 – August 2011. Participants are kindly asked to pre-register by June 30, 2010. Registration will be possible until the seminar starts, but reduced rate subscription is offered until June 30, 2010.

	EAAE-Members	Non-EAAE-Members
Until June 30, 2010	250 Euro	295 Euro
After June 30, 2010	310 Euro	355 Euro

The fees include lunches on both seminar days, dinner on the first day, coffee breaks and a copy (or CD-ROM) of the conference proceedings. Accommodation is not included. Forms for registration will be available on the website www.foodsecurity.de by February 2010. Participants from developing countries (DAC list) younger than 35 years with an accepted paper or poster will be eligible for a 50% discount for the registration fee. The organizers plan to attract additional funding for providing travel grants to participants from developing countries.

10. IMPORTANT DATES

April 15, 2010	Deadline for submission of contributed papers and poster papers
June 1, 2010	Deadline for notification of contributed paper/poster acceptance
June 30, 2010	Deadline for discounted registration
Nov 25-27, 2010	Seminar

CONTACT PERSON FOR EAAE

Manfred Zeller

Food Security Center, University of Hohenheim, Stuttgart, GERMANY

Email: zellerm@uni-hohenheim.de --Tel : 49 711 459 22175 Fax : 49 711 459 23934

www.foodsecurity.de