

Co-operative Research Programme: Biological Resource Management for Sustainable Agricultural Systems



Challenges for Agricultural Research

6-8 April 2009
Prague, Czech Republic

CONFERENCE PROGRAMME



MINISTRY OF AGRICULTURE
OF THE CZECH REPUBLIC



EU2009.CZ

Sunday, 5 April 2009

18.30-19.30 Welcome Drinks
Hotel Dorint Don Giovanni, Vinohradská 157a, 13020 Praha 3

Monday, 6 April 2009

Conference Venue:

Institute of Agricultural Economics and Information, Slezska 7, 117 05 Prague, Czech Republic

Welcome and Introductions

9.30-9.50 Host Welcome
Deputy Minister Jiri Urban, Deputy Minister for Environment, Research and Education, Czech Ministry of Agriculture

9.50-10.05 [Challenges and Expectations from an OECD perspective](#)
Mr. Wilfrid Legg, Trade and Agriculture Directorate, OECD

10.05-10.25 [Policy Perception to Agriculture Research](#)
Prof. Dr. Gerrit Meester, Chair of the Committee for Agriculture, OECD

10.25-10.45 [Agriculture Research into Policy Perceptions](#)
Mr. Michel Dodet, Chair of the Governing Body of the Co-operative Research Programme: Biological Resource Management for Sustainable Agricultural Systems (CRP)

10.45-11.15 [Reflections on a *lingua democratica* for policy makers, scientists and researchers](#)
Dr. P.A.Th.J. Werrij, former Director of International Co-operation, Wageningen University and Research Centre, Netherlands

11.15-11.45 Coffee Break

Session 1: Coping with Pressures on Natural Resources (Water and Soil)

11.45-11.55 Introduction by Chair
Dr. John Sadler, USDA-ARS Cropping Systems and Water Quality Research Unit, University of Missouri, USA; Theme Co-ordinator for CRP Research Theme: The Natural Resources Challenge
Co-Chair: Dr. Radim Vacha, Head of Department of Soil Hygiene, Czech Research Institute for Soil and Water Conservation

11.55-12.15 [Balancing Global Agricultural Water Supply and Demand](#)
Dr. Charlotte de Fraiture, International Water Management Institute, Accra, Ghana

12.15-12.35 [Effect of Reduced Water Supplies on Food Production Economies](#)
Dr. Claudia Ringler, Environment and Production Technology Division, International Food Policy Research Institute, USA

12.35-14.00 Lunch Break

14.00-14.05 Recap of Session 1
Dr. John Sadler, Chair

14.05-14.25 [Global Soil Resource Base: Degradation and losses to other uses](#)
Prof. Rattan Lal, Ohio State University, USA; Director, Carbon Management and Sequestration Center; Past President of the Soil Science Society of America

- 14.25-14.45** [Effect of Shrinking Soil Resources on Food Production](#)
 Dr. Pedro Sanchez, Director, Tropical Agriculture and Rural Environment; Director, Millenium Villages Project; The Earth Institute at Columbia University, USA
- 14.45-15.30** **Discussion**
- 15.30-16.00** **Coffee Break**

Session 2: Delivering Sustainable Agriculture for Food and the Environment

- 16.00-16.10** **Introduction by Chair**
 Dr. Gary Fitt, CSIRO Entomology, Australia; Theme Co-ordinator for CPR Research Theme: Sustainability in Practice
 Co-Chair: Dr. Jaromír Kubát, Crop Research Institute (CRI), Czech Republic
- 16.10-16.30** [Managing Agricultural Landscapes for Production and Biodiversity Outcomes](#)
 Prof. Les Firbank, North Wyke Research, UK
- 16.30-16.50** [The Impact of Crop, Pest and Agricultural Management Practices on Mycotoxin Contamination of Field Crops](#)
 Dr. David Kendra, Biosafety Officer, Mycotoxin Research Unit, USDA-ARS, USA
- 16.50-17.10** [Can Genetically Modified Plants Play a Role in Sustainable Crop Protection?](#)
 Dr. Franz Bigler, Agroscope FAL, Swiss Federal Research Station for Agroecology and Agriculture, Switzerland
- 17.10-17.30** [Translating Sustainability Science into On-ground Change in Developed and Developing Economies](#)
 Dr. Pedro Sanchez
- 17.30-18-15** **Discussion**
- 19.00** **Conference Dinner**, Villa Richter, Staré zámecké schody 6/251, 11800 Praha 1 – Pražský hrad, at the invitation of the Czech Ministry of Agriculture

Tuesday, 7 April 2009

Session 3: Competition in Agriculture for Food, Fibre and Fuel

- 9.00-9.10** **Introduction by Chair**
 Dr. Kiyotaka Miyashita, National Institute of Agro-Environmental Sciences, Japan; Member of the Management Committee of the CRP
 Co-Chair: to be confirmed
- 9.10-9.30** [Economic Balance on Competition for Arable Land between Food and Bioindustry](#)
 Dr. Jozsef Popp, Deputy General Director, Research Institute for Agricultural Economics, Hungary
- 9.30-9.50** [Genetic Technology, Sustainable Animal Agriculture and Global Climate Change](#)
 Dr. John Phillips, Department of Molecular and Cellular Biology, University of Guelph, Canada
- 9.50-10.10** [Challenges and Opportunities for Further Improvements in Wheat Yield](#)
 Dr. Gustavo Slafer, University of Lleida – Institute of Research and Agrofood Technology, Spain
- 10.10-10.30** [Using Plant Proteins in Fish Farming](#)
 Dr. Konrad Dabrowski, School of Environment and Natural Resources, Ohio State University, USA
- 10.30-11.15** **Discussion**
- 11.15-11.45** **Coffee Break**

Session 4: Food Safety Today and Tomorrow: the challenges in changing food and farming practices

- 11.45-11.55 Introduction by Chair**
Dr. Allan King, Department of Biomedical Sciences, University of Guelph, Canada; Theme Co-ordinator for CPR Research Theme 3: The Food Chain
Co-Chair: Dr. Jaroslava Ovesna, Crop Research Institute (CRI), Czech Republic
- 11.55-12.15 [Major Trends in Mycotoxin Research](#)**
Prof. Dr László Hornok, Agricultural Biotechnology Centre, Szent István University, Hungary
- 12.15-12.35 [Food and Feed without Zoonotic Agents: fact or fiction?](#)**
Dr. Jaap Wagenaar, Department of Infectious Diseases and Immunology, Faculty of Veterinary Medicine, Utrecht University, Netherlands
- 12.35-14.00 Lunch Break**
- 14.00-14.05 Recap by the Chair of Session 4**
- 14.05-14.25 [Altering Animal Products for the Future](#)**
Dr. Stefaan De Smet, Laboratory for Animal Nutrition and Animal Product Quality, Department of Animal Production, Ghent University, Belgium
- 14.25-14.45 [Plants for the Future](#)**
Em. Prof. Mark Baron Van Montagu, Institute of Plant Biotechnology for Developing Countries, Ghent University, Belgium
- 14.45-15.05 [Genetic Resources as the Building Blocks for Breeding: current status and challenges](#)**
Dr. Jose Esquinas Alcazar, formerly General Secretary of Genetic Resources Conference, FAO
- 15.05-15.50 Discussion**
- 15.50-16.20 Coffee Break**

Session 5: Regulatory Challenges

- 16.20-16.30 Introduction by Chair**
Dr. Ervin Balázs, Agricultural Research Institute Department of Applied Genomics, Hungarian Academy of Sciences; Theme Co-ordinator for CPR Research Theme: The Food Chain
Co-Chair: Dr. Josef Fulka, Jr., Deputy Director for Science, Institute of Animal Science, Czech Republic
- 16.30-16.50 [Animal Biotechnology in the US: the reputation of genetically engineered animals and an update on cloning](#)**
Dr. Larisa Rudenko, Senior Advisor for Biotechnology, Center for Veterinary Medicine, US Food and Drug Administration (tbc)
- 16.50-17.10 [Animal Cloning and Transgenesis](#)**
Dr. Louis-Marie Houedebine, Joint Research Unit for Developmental Biology and Reproduction, INRA, France

Wednesday, 8 April 2009

- 9.00-9.05 Recap by the Chair of Session 5**
- 9.05-9.25 [The Biotechnology and Biosafety Activities at OECD](#)**
Mr. Peter Kearns, Biosafety, Nanosafety, Food Safety and Chemicals, Environment, Health and Safety Division, Environment Directorate, OECD
- 9.25-9.45 [Biosafety Assessment of the EFSA GMO Panel](#)**
Dr. Detlef Bartsch, Federal Office of Consumer Protection and Food Safety, Germany
- 9.45-10.30 Discussion**
- 10.30-11.00 Coffee Break**

Round Table: From Challenges for Agricultural Research to New Opportunities for Agricultural Policy Making

11-00.13.00 Dr. Ervin Balázs
Prof. Dr. Gerrit Meester
Mr. Michel Dodet
Mr. Wilfrid Legg
Dr. Yvon Martel, International Scientific Cooperation, Agriculture and Agri-Food Canada

During the last fifty years, agricultural research has been keeping pace of deep human and technological changes in the agriculture and food sectors. Agricultural research, all the while, has also been going through profound transformation as it strived towards new objectives: after production came the transformation of agricultural and food products, food security, consumption, ecological issues and land use planning. Research has reached new heights in biology and its exploring other disciplines. It is forever changing, as are the needs of the society.” (Guy Paillotin, 1996)

Today these cited words of the former INRA President still provide us with a strong directive as we are facing a complete change in agricultural policy, and an enormous need in strengthening agriculture regardless of whether its output is directed to food or energy.

The aim of the three days of conference is to *highlight the major progress in agricultural research outcomes and addressing the challenges that lie ahead for this research area*. This is based on summary presentations of a series of CRP sponsored events that took place during the 2005-2009 period and will serve as the basis for a *forward looking discussion on the challenges and opportunities for agriculture research in the changing agriculture and food policy environment*. The conference will help in formulating an agricultural research agenda based on policy and societal needs. The conference includes participants from all agricultural sectors/stakeholders, farmers, industrials, scientists and decision makers.

Conference Venue address: Institute of Agricultural Economics and Information, Slezska 7, 117 05 Prague, Czech Republic

Co-operative Research Programme website: <http://www.oecd.org/agriculture/crp>

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