

International Conference: Innovations in ORGANIC FOOD SYSTEMS for Sustainable Production and Enhanced Ecosystem Services

(for more information and registration - please click [here](#))

1-2 November 2014
Hyatt Regency Long Beach Hotel, Long Beach, California

PROGRAM

Photo: Colourbox

Day 1: Saturday, Nov 1, 2014

8:30 am - 10:00 am: Welcome/Opening session

Chair: Kathleen Delate, ASA OMS

Introduction to the American Society of Agronomy – Organic Management Systems Community:

Dr. Kathleen Delate, Iowa State University, USA

The OECD Co-operative Research Programme (CRP)

Dr. Hans-Joachim Weigel OECD-CRP SAB member

Presentation of USDA NIFA: Organic Agriculture Funding & Priorities in the U.S.

Dr. Mathieu Ngouajio

The International Centre for Research in Organic Food System (ICROFS) of Denmark

Dr. Louise Jackson, UC-Davis, Member of ICROFS International Board

9:30 am - 10:00 am: Break

10:00 am - 12:00 noon:

Global Perspectives of Organic Food Systems, Sustainable Production and Ecosystem Services

Moderator: Dr. Ellen Mallory, University of Maine, USA

Eco-functional intensification and food security: Synergy or compromise?

Dr. Niels Halberg, Director, ICROFS, Denmark

Long Term Organic Comparisons in the US

Dr. Kathleen Delate, Iowa State University, USA

The role of livestock in eco-functional intensification of organic agriculture

Dr. Mette Vaarst, Senior Scientist, Aarhus University, Denmark

The Role of Trees and Pastures in Organic Agriculture

Dr. Joseph Heckman (Rutgers), USA

12 noon - 1:00 pm: Lunch

1:00 pm - 3:30 pm: Opportunities for Meeting Ecosystem Services Challenges with Organic Farming - Part I

Moderator: Dr. Patrick Carr, North Dakota State University, USA

Designing organic cropping systems for improved nutrient cycling and soil health

Prof. Derek Lynch, Dalhousie University, Canada

Soil health and related eco-system services in organic agriculture.

Prof. Lyn Abbott, University of Western Australia, Australia

Optimizing methods and techniques of agronomy in Organic Agriculture for nutrient and environmental management

Prof. Ulrich Köpke, University of Bonn, Germany

The potential use and benefits of reduced till in organic agriculture systems.

Dr. Paul Mäder, FiBL Research Institute of Organic Agriculture, Switzerland

Organic No-Till with Roller/Crimpers: Agroecosystem Services and Practical Applications

Dr. Stefano Canali, Agricultural Research Council, The Research Centre for the Soil-Plant System (CRA-RSP), Italy

3:30 pm - 3:45 pm: Break

3:45 pm - 04:45 pm: Opportunities for Meeting Ecosystem Services Challenges with Organic Farming - Part II (to be continued Sunday morning at 8:30)

Moderator: Lise Andreasen, ICROFS, Denmark

Managing Bees for delivering biological control agents and improved pollination in berry and fruit cultivations.


Prof. Heikki Hokkanen, University of Helsinki, Finland

Cover crops: Opportunities and challenges to realizing ecosystem services in organic agriculture.

Dr. Steven Mirsky, USDA-ARS, USA



The 2-day conference is held as a special symposium of the annual conference of the three societies American Society of Agronomy (ASA), Crop Science Society of America (CSSA) and Soil Science Society of America (SSA).



The conference is organized by US Department of Agriculture (USDA), the International Centre for Research in Organic Food Systems, and the Organic Management Systems Group of ASA (ASA-OMS)



Photo: Jørgen Eriksen, AU

Day 2: Sunday, Nov 2, 2014

8:30 am - 10:00 am: Opportunities for Meeting Ecosystem Services Challenges with Organic Farming - Part II (Continues)

Water Quality in Organic Systems

Dr. Cynthia Cambardella, USDA-ARS, USA

Functional biodiversity in organic systems: the way forward?

Prof. Paolo Barberi, Sant'Anna School of Advanced Studies, Italy

Are organic farm input restrictions sufficient to secure ecosystem services? Lessons from New Zealand's ARGOS and Sustainability Dashboard project

Prof. Henrik Moller, University of Otago, New Zealand

10:00 am - 10:30 am: Break

10:30 am - 2:00 pm: Research and Innovation Challenges in Organic Production for Sustainable Development and Ecosystem Services

Moderator: *Dr. Louise Jackson, University of California, USA*

From organic to agro-ecosystem research – a challenge

Prof. Urs Niggli, Director, FBL, Switzerland

Supporting innovation in organic agriculture: A European perspective?

Dr. Susanne Padel, the Organic Research Centre (ORC), Elm Farm, United Kingdom

Enhanced yields in organic crop production - a role for crop diversification in ecofunctional intensification?

Prof. Erik Steen Jensen, Swedish University of Agricultural Sciences, Sweden

Keeping the organic system learning: the role of organic farmers' experiments

Prof. Christian R. Vogl, University of Natural Resources and Life Sciences, Vienna, Austria

12 noon - 1:00 pm: Lunch

Meeting top challenges of producers - innovations in organic research and policy

Dr. Catherine Greene, USDA-ERS, USA [OECD travel support not requested]

Overview of U.S. Policy and Funding For Sustainable Organic Systems.

USDA - Mark Lipson, Organic and Sustainable Policy Advisor, USDA [OECD travel support not requested]

2:00 pm - 3:30 pm: Wrap up session: Summary of Research and Innovations Recommendations

Moderator: *Dr. Matt C. Smith, Clemson University, USA*

Intro to panel discussion - brief reports from technical sessions – refreshing our minds

Session moderator with inputs from moderators from technical sessions

Panel discussion (Session 4 speakers) on future research and innovation challenges

for sustainable development of the organic sector

Questions for synthesis and take away messages chaired by

Niels Halberg, Director of ICROFS


Summing up on Synthesis and takeaway messages

Niels Halberg, Director of ICROFS

Closing of the Workshop

Representative from ASA-OMS

3:30 pm - 4:00 pm: Refreshment (coffee/tea)



The conference is sponsored by The Co-operative Research Programme on Biological Resource Management for Sustainable Agricultural Systems under the Organisation for Economic Co-operation and Development, (OECD)



United States
Department of
Agriculture

National Institute
of Food and
Agriculture



International Federation of Organic Agriculture Movements (IFOAM):

"Organic Agriculture is a production system that sustains the health of soils, ecosystems and people. It relies on ecological processes, biodiversity and cycles adapted to local conditions, rather than the use of inputs with adverse effects. Organic Agriculture combines tradition, innovation and science to benefit the shared environment and promote fair relationships and a good quality of life for all involved."