

## **WORKSHOP ON ORGANIC AGRICULTURE AND CLIMATE CHANGE**

**Wednesday, June 18<sup>th</sup>**

*The workshop is organized by the Food and Agriculture Organization of the United Nation –  
FAO*

*Coordinator: Nadia El-Hage Scialabba*

*Location: Auditorium Fondazione Biagi (AMB)*

*Language: English*

*Simultaneous translation available: Italian*

### **Program**

*Facilitator: Gerald Hermann, IFOAM*

#### **Opening Session**

11.15-11.30 Climate Change, Bioenergy and Food Security  
(Alexander Mueller, Assistant Director-General, FAO)

#### **Climate Change Adaptation and Mitigation**

- 11.30-11.45 Impact of the Food Production and Consumption on Climate Change  
(Claude Aubert, ENITA-Clermont, France)
- 11.45-12.00 Carbon Sequestration in Organic maize/soybean cropping systems  
(Paul Hepperly, Rodale Institute, USA)
- 12.00-12.15 Does Organic Farming have Greater Potential to Adapt to Climate Change?  
(Urs Niggli, Research Institute of Organic Agriculture – FiBL, Switzerland)
- 12.15-12.30 Manifesto on Climate Change and the Future of Food Security  
(Vandana Shiva, International Commission on the Future of Food and  
Agriculture, India)
- 12.30-13.00 Discussion

*Lunch Break and Poster Session (see below the poster list)*

#### **Energy Use and Bioenergy**

- 14.30-14.45 The Comparative Energy Efficiency of Organic Farming  
(Gudula Azeez, Soil Association, UK)
- 14.45-15.00 Assessing the Carbon Balance on Organic Farms  
(Jean-Michel Florin, Biodynamic Mouvement, France)
- 15.00-15.15 Organic Agriculture and the Production of Biomass for Energy Use  
(Adrian Muller, University of Zurich, Switzerland)
- 15.15-15.30 Convergence of Prairie Restoration with Biofuel Production  
(Bruno Borsari, Winona State University, USA)
- 15.30-16.00 Discussion

*Coffee Break*

## **Carbon in Organic Certification**

- 16.30-16.45 Climate Change, Carbon Offsets and Certified Organic Forestry (J. Paull, University of Tasmania, Australia)
- 16.45-17.00 Climate Certification with a Processing and Production Type Standard Approach (Johan Cejje, KRAV, Sweden)
- 17.00-17.15 Carbon Credits for Sustainable Composting and Greenhouse Gas Emission reduction (Tobias Bandel, Soil&More International, Netherlands)
- 17.15-17.30 foodSTEP: Sustainable Transport for Ecological Products (C. Hertel & A. Pauler, University of Technology, Germany)
- 17.30-17.50 Discussion

## **Closing Session**

- 17.50-18.00 Messages to Take Home, Nadia Scialabba, Senior Officer, FAO

## **Poster Session**

1. Impact of different Agricultural Systems and Nutrition Patterns on Greenhouse-Gas Emissions (Freyer, B. University of Natural Resources and Applied Life Sciences, Austria)
2. Soil Fertility management and compost use in Senegal's Peanut Basin (N. C. McClintock and A. M. Diop The Rodale Institute, USA)
3. Co-variation of Soil Mycorrhizae Fungal Spores, Soil Carbon Content, Soil Aggregation and Stability, and Glomalin Glycoprotein Content (D. Douds Jr, P. Hepperly, K. Nichols and R. Seidel, The Rodale Institute, USA)
4. Can Organic Amendment Contribute to Carbon Sequestration? A Survey in a Pear Orchard in Emilia-Romagna Region, Italy (C. Ciavatta, P.Gioacchini, & D. Montecchio, University of Bologna, Italy)
5. Should we air freight organic food? (K. Hayes Soil Association, UK)
6. Organic Food, Fibre and Fuel (S.G. Ratter, Remei AG, Switzerland)
7. The interdependence of a controlled composting process and the turnaround of the climate change (Angelika Lübke-Hildebrandt MSc, Austria)
8. Visions for organic bioenergy production in Denmark (Tommy Dalgaard, Uffe Jørgensen, and Inge T Kristensen, Research Centre Foulum, Denmark)
9. Energetic and Economic Comparison of Organic and Conventional Farming Systems (David Pimentel, Cornell University, USA)
10. Comparison of carbon stock and biological soil quality in organic and conventional agriculture within Ombrone plain. (C. Gardi, C. Menta, F. Pesci, M. Locatelli, University of Parma, Italy)
11. Developing Energy Plants for Biofuels Production may Comply to Organic Principles (O. M. Akinyemi & H. Høgh-Jensen, University of Copenhagen, Denmark)