

Provisional program (English version)

Simultaneous translation French-English-Spanish

April 17th 2008

- 08:30 – 09:00** Welcoming of participants (registration, posters)
- 09:00 – 09:20** Opening session
G. Gosset, Director of Enita Clermont-Ferrand, M. Magimel, DRAF Auvergne
S. Valleix, ABioDoc, C. Aubert, AsAFI
- 09:20 – 10:40** **Agriculture and Climate Change, an Overview**
Chairman : N. Scialabba - FAO
- 09:20 – 09:40 JF Soussana (F): Agriculture et effet de serre
09:40 – 10:00 N. Halberg (DK): Energy use and Green house gas emission in organic agriculture
10:00 – 10:20 P. Hepperly (USA) : Food and Agriculture Offer World of Opportunity to Combat Global Greenhouse Gases
10:20 – 10:40 Discussion
- 10:40 – 11:00** Coffee break
- 11:00 – 12:00** **Agriculture and Climate Change, an Overview (continued)**
Chairman : N. Scialabba - FAO
- 11:00-11:20 J. Olesen (DK) : Greenhouse gas emissions from organic farming systems in Denmark
11:20-11:40 A. Fließbach (CH) : Contribution of Organic Agriculture to Mitigate and Adapt to Climate Change
11:40-12:00 Discussion
- 12:00 – 13:00** **The Ability of Organic Agriculture to reduce its Contribution to Greenhouse Gas Emissions and its Impact on global Warming**
Chairmans : M. Meldgaard – IFOAM ; M. Bouilhol - Enitac
- 12:00-12:20 T. Nemecek (CH) : Life cycle impact of Swiss arable cropping and forage production systems on the global warming potential
12:20-12:40 J. Mousset (F) : Agriculture, énergie, effet de serre. Quelles actions ?
12:40– 13:00 Discussion
- 13:15 – 14:30** **Lunch**
- 14:30 – 15:00** **Poster session**
- 15:00 – 17:00** **Workshops** (in the same time)
- Workshop 1 : Energy**
Rapporteur : N. Halberg - DARCOF ; Chairman : M. Benoit - INRA
- 15:00-15:15 K. Hewlett (UK) : The comparative energy efficiency of organic farming
15:15-15:30 J.-L. Bochu, B Risoud, (F): Consommation d'énergie et émissions de GES des exploitations en agriculture biologique : synthèse des résultats PLANETE 2006
15:30-15:45 H. Paulsen (D) : Enhancing GHG balances in organic farms by integration of new bio-energy crop concepts
15:45-16:00 Discussion
16:00-16:15 E. Tribou (F) : Systèmes de culture autonomes en azote et en énergie, réalité ou utopie?
16:15-16:30 Y. Loerincik (CH) : État d'avancement de la synthèse en cours de réalisation sur les ACV des produits agricoles
16:30-17:00 Discussion
- Workshop 2 : Carbon Sequestration**
Rapporteur : JF Soussana – INRA , Chairman : M. Polat – Ege Univ.
- 15:00-15:15 G. Azeez (UK) : Assessing and recognising the soil carbon benefits of organic farming
15:15-15:30 C. Brock (D) : The Impact of the Farming System on the Humus Household
15:30-15:45 J. Castro (Costa Rica) : Análisis para determinación e interpretación de Servicios Ambientales en Agricultura Orgánica: Avances de investigación en Costa Rica.
15:45-16:15 Discussion
16:15-16:30 J. Peigné (F) : Effet du travail du sol sur le stockage du carbone organique en agriculture biologique
16:30-16:45 B. Freyer (A) : Above and below ground Biomass Production of Different Farming Systems and Methods in Austria
16:45-17:00 Discussion

Workshop 3 : Greenhouse Gases

Rapporteur : J. Olesen – Aarhus Univ. ; Chairman : N. Guesdon - MAP

- 15:00-15:15 S. Hansen (N) : Effect of soil compaction and fertilization practice on N₂O emission and CH₄ oxidation
- 15:15-15:30 RM Rees (UK) : Nitrous oxide emissions from a grass arable rotation in NE Scotland
- 15:30-15:45 J. Peigné (F) : Évaluation des émissions de N₂O et CH₄ des engrais de ferme à l'aide d'indicateurs agri-environnementaux
- 15:45-16:00 *Discussion*
- 16:00-16:15 D. Lynch (CND) : Greenhouse gas emissions from organic crop management in humid region eastern Canada
- 16:15-16:30 Ph. Rochette (CND) : N₂O emissions from legumes
- 16:30-16:45 E. Pattey (CND) : Quantifying the reduction of greenhouse gas emissions as a result of composting dairy and beef cattle manure
- 16:45-17:00 *Discussion*

17:00 – 17:30 Coffee break

17:30 – 19:00 Synthesis of workshops by rapporteurs, and discussion
Chairman : B. Devoucoux – Auvergne Bio

19:00 – 22:00 Dinner

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08:45 – 10:30 Food habits: their impact on the greenhouse Effect and Consequences for Society

Chairmans : E. Dufour - Enitac ; F. Le Lagadec - AsAFI

- 08:45-09:00 A. Riedacker (F) : Utilisation de l' « Évaluation Environnementale Intégrée » pour comparer différents régimes alimentaires. Conséquences pour le développement durable
- 09:00-09:15 B. Redlingshöfer (F) : Choix de consommation alimentaire, quel impact sur l'effet de serre ?
- 09:15-09:30 B. Freyer (A) : The impact of different nutrition patterns and agricultural production systems on greenhouse-gas emissions
- 09:30-10:30 *Discussion*

10:30 – 11:00 Coffee break

11:00 – 12:00 Round table and discussion: What are the individual Choices that could reduce the amount of GHG “on” our Plates and boost the Consumption of Foods that are more respectful of the Environment?

Chairman : C. Aubert - AsAFI

12:00 – 13:00 Poster session

13:00 – 14:15 Lunch

14:15 – 16:15 Adaptation and Vulnerability of Organic Agriculture to global Warming

Chairmans : A. Delebecq – ITAB ; B. Taupier-Létage - ITAB

- 14:15-14:30 B. Seguin (F) : Impact du changement climatique et adaptation de l'agriculture
- 14:30-14:45 M. Capitaine (F) : Could organic and conventional hill dairy farms reach a food self-sufficiency after unsuitable climatic years?
- 14:45 :15:00 J.-M. Legave (F) : Vulnerability and adaptation of fruit trees in the warming context, which specificity for organic farming ?
- 15:00-15:15 G. Lèbre (F) : Le changement climatique et le Biau Jardin, entreprise agricole d'insertion
- 15:15-15:30 P. Pande (Inde) : Building insurance against climate change through community seed banks: conserving traditional seed varieties in the Western and Eastern rain fed farming regions of India
- 15:30-16:15 *Discussion*

16:15-17 :15 Round table and discussion: Organic Agriculture : what are its Assets, what are its Handicaps in facing Climate Change and the End of Oil ?

Chairman : S. Bellon - INRA

17:15-17:30 Synthesis and conclusions of the conference

17:30 End of conference
V. Gitz, sustainable development advisor, Agriculture and fisheries cabinet minister