LCA for “Feeding the planet and energy for life”

6-7-8 October 2015

This year, Italy will host EXPO 2015 (www.expo2015.org), the Universal Exposition having as central theme “Feeding the Planet, Energy for Life”. Life cycle assessment (LCA) represents a reference methodology that helps analyzing supply chains toward achieving sustainability objectives, including improved agriculture, food production and consumption as well as more efficient energy conversion and use.

The Joint Research Centre of the European Commission and the Italian LCA network jointly organize a conference during EXPO 2015, discussing the role of LCA on the EXPO 2015 topics and presenting latest research in the field.

Topics

- LCA of food supply chains
- LCA for more efficient energy production and use
- Life Cycle Sustainability assessment, Social LCA and Life Cycle Costing applied to food and energy sectors
- Product Environmental Footprint in the food sector
- Developments in LCIA methods (especially focusing on land use, biotic resources, toxicity-related impacts and water)
- Inefficiency, food losses and waste along the supply chain: strategies for reduction, industrial symbiosis and energy recovery in the food sector
- Behavioral/nutritional aspects influencing environmental impacts (e.g. dietary shift implication to environmental impacts) and use phase/consumption modelling

Deadlines

Abstract submission: 15th April 2015;
Notification of acceptance: 30th April 2015

Venue

The conference will be held in Italy, in the beautiful landscape of Lake Maggiore on the 6th and 7th of October. On the 8th October 2015, a special session in the EU Pavilion will offer participants the opportunity to visit the EXPO 2015 site in Milan, and to enjoy the outstanding international exhibition atmosphere.

Call for abstracts, abstract template and registration info at:

Selected abstract could be invited to write a full paper for the special issue “LCA for feeding the planet, energy for life” in the Journal of Cleaner Production that will be published after the conference.

The conference is organized in cooperation with the Livestock Environmental Assessment and Performance (LEAP) Partnership.
Scientific committee

Assumpció Antón Vallejo – Institute for Food and Agricultural Research and Technology (IRTA), Barcelona, Spain
Maurizio Cellura – University of Palermo, Italy
Camillo De Camillis - FAO, Livestock information, Sector Analysis and Policy Branch, manager of the LEAP Partnership
Vito D’Incognito – Take Care International, Milan, Italy
Ulrike Eberle – Corsus- corporate sustainability, Germany
Peter Fantke – Technical University of Denmark (DTU), Quantitative Sustainability Assessment, Denmark
Chris Foster – EuGeos Limited, United Kingdom
Pierre Gerber – Food and Agriculture Organization of the United Nations – FAO
Monica Lavagna – Politecnico di Milano, Italy
Adrian Leip – European Commission DG Joint Research Centre, Institute for Environment and Sustainability
Catherine Macombe – Irstea UMR ITAP-ELSA, Montpellier, France
Paolo Masoni – Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Bologna, Italy
Sarah McLaren – Massey University
Llorenç Milà i Canals – United Nations Environment Programme (UNEP)
Bruno Notarnicola – University of Bari, Italy
Carolyn Opio - FAO, Livestock information, Sector Analysis and Policy Branch, coordinator of the LEAP secretariat
Andrea Raggi – University “G. d’Annunzio”, Pescara, Italy
Serena Righi – University of Bologna, Italy
Serenella Sala – European Commission DG Joint Research Centre, Institute for Environment and Sustainability
Roberta Salomone – University of Messina, Italy
Erwan Saouter – European Commission DG Joint Research Centre, Institute for Environment and Sustainability
Simona Scalbi - Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Bologna, Italy
Antonio Scipioni – University of Padova, Italy
Rita Schenck - Institute for Environmental Research and Education (IERE), US
Rogier Schulte - Livestock Environmental Assessment and Performance (LEAP) Partnership and Teagasc Ireland
Ulf Sonesson – SP Technical Research Institute of Sweden
Stefan Storcksdieck genannt Bonsmann — European Commission DG Joint Research Centre, Institute for Health and Consumer Protection
Hayo van der Werf- Institut National de la Recherche Agronomique (INRA), Rennes, France