

LCA FOOD 2018

In conjunction with **LCA AgriFood ASIA** and **ICGSI**
16-20 OCTOBER, SUKOSOL HOTEL, BANGKOK, THAILAND



TENTATIVE PROGRAM

16.10.2018 Pre-conference workshops *OPTIONAL

Time	Program
0830-0900	Registration
0900-1700	3 Parallel workshops: (1) Food Loss and Waste (Coordinator: Rattanawan Mungkung, VGREEN KU) (2) Product Environmental Footprint (Coordinator: Jitti Mungkalasiri, MTEC) (3) Water Footprint (Coordinator: Thapat Silalertruksa, JGSEE)

Note: Detailed program will be announced shortly

17.10.2018 Conference Day 1

Time	Program
0800-0900	Registration / Uploading the presentation files
0900-0930	Opening ceremony (including the photo session) Dr. Chongrak Wachrinrat, Acting President of Kasetsart University Dr. Sakarindr Bhumiratana, President of King Mongkut's University of Technology Thonburi Dr. Prasit Palittapongarnpim, Acting Executive Vice President of National Science and Technology Development Agency
0930-1000	Keynote presentation (1) Topic: Single-use plastic bags, impossible foods, farmers' markets, and the rise of the flexitarian. Where next for LCA Food?" Speaker: Dr. Sarah McLaren, Massey University

Time	Program					
1000-1030	Coffee break					
1030-1100	Keynote speaker (2) Topic: Global food challenges towards sustainable consumption and production Speaker: Dr. John Ingram, Leader, ECI Food Programme, University of Oxford					
1100-1130	Keynote presentation (3) Topic: Thailand as a Global Food Innovation Hub for ASEAN Speaker: Dr. Akkharawit Kanchana-Opas, Chief Executive Officer of Food Innopolis, Ministry of Science and Technology					
1130-1200	Keynote speaker (4) Topic: LCA education, research and applications in Thailand Speaker: Prof. Shabbir H. Gheewala, JGSEE, KMUTT, Thailand					
1200-1330	Lunch break / Uploading the presentation files					
1330-1500	Parallel sessions					
	Kamolthip 2	Kamolthip 3	Kamolruedi	Duangkamol	Kaewkamol	Kornkamol 1-2
	Session: 1-A (LCA METHODS)	Session: 1-B (FROM FARM TO TABLE)	Session: 1-C (FOOD SECURITY)	Session: 1-D (WAYS TOWARDS SDGs)	Special session: Carbon Footprint of Food Product: Moving Towards a Low Carbon Society	Poster presentation
	Chairman: Jeroen Guinée Co-chairman: Bradley Ridoutt	Chairman: Nicholas M. Holden Co-chairman: Edi Iswanto Wiloso	Chairman: Thomas Nemecek Co-chairman: Greg Thoma	Chairman: Thumrongrut Mungcharoen Co-chairman: Ulrike Eberle		
1500-1530	Coffee break					
1530-1700	Parallel sessions					
	Kamolthip 2	Kamolthip 3	Kamolruedi	Duangkamol	Kaewkamol	Kornkamol 1-2
	Session: 1-A (LCA METHODS)	Session: 1-B (FROM FARM TO TABLE)	Session: 1-C (FOOD SECURITY)	Session: 1-D (WAYS TOWARDS SDGs)	Special session: Using MEANS-InOut software to guide LCA of agricultural products	Poster presentation
	Chairman: Hayo van der Werf Co-chairman: Ulf Sonesson	Chairman: Bruno Notarnicola Co-chairman: Sergiy Smetana	Chairman: Sarah McLaren Co-chairman: Pongvipa Lohsomboon	Chairman: Chaiyod Bunyagidj Co-chairman: Anne-Marie Boulay		
1800-2000	Welcome dinner					

18.10.2018 Conference Day 2

Time	Program					
0800-0900	Registration / Uploading the presentation files					
0900-0930	Keynote presentation (1) Topic: The Benefits of Environmental Action to Support SDG Implementation in Asia-Pacific Speaker: Mr. Arun Jacop, Environmental Affairs Officer, Environment and Development at United Nations ESCAP					
0930-1000	Keynote presentation (2) Topic: SDG 12.3 Towards food loss and waste reduction Speaker: Mr. Anthony Bennett, Senior Food Systems Officer, FAO					
1000-1030	Coffee break					
1030-1100	Keynote presentation (3) Topic: SDGs' National Policy and Implementation in Thailand Speaker: Dr. Wijarn Simachaya, Permanent Secretary of the Ministry of Natural Resources and Environment, Thailand					
1100-1130	Keynote presentation (4) Topic: LCA and STI for SDGs in Thailand Speaker: Dr. Thumrongrut Mungcharoen, Chairperson of the Energy and Environment Cluster, National Science and Technology Development Agency (NSTDA), Ministry of Science and Technology, Thailand					
1130-1200	Keynote presentation (5) Topic: SDGs Practice in Private Sector Speaker: Mr. Numpol Limprasert, Sustainable Development Director, The Siam Cement Public Company Limited (SCG), Thailand					
1200-1330	Lunch break / Uploading the presentation files					
1330-1500	Parallel sessions					
	Kamolruedi	Kamolthip 3	Kamolthip 2	Baanthai 1	Kamolporn	Kornkamol 1-2
	Session: 1-D (WAYS TOWARDS SDGs)	Session: 1-A (LCA METHODS)	Session: 1-B (FROM FARM TO TABLE)	Session: 2-B (SUSTAINABLE MATERIAL AND CHEMICAL USE)	Session: 1-D (FOOD LOSS AND WASTE)	Poster presentation
	Chairman: Shabbir H. Gheewala Co-chairman: Corina van Middelaar	Chairman: Bo P. Weidema Co-chairman: Claudine Basset-Mens	Chairman: Stewart Ledgard Co-chairman: Piyanon Kaenchan	Chairman: Jitti Mungkalasiri Co-chairman: Marlia Mohd Hanafiah	Chairman: Anthony Bennett Co-chairman: Rattanawan Mungkung	

Time	Program					
1500-1530	Coffee break					
1530-1700	Parallel sessions					
	Kamolruedi	Kamolthip 3	Kamolthip 2	Baanthai 1	Kamolporn	Kornkamol 1-2
	Session: 1-A (LCA METHODS)	Session: 1-A (LCA METHODS)	Session: 1-B (FROM FARM TO TABLE)	Session: 2-A (SUSTAINABLE RESOURCE USE)	Session: Special (IJLCA editors' meeting)	Poster presentation
	Chairman: Bradley Ridoutt Co-chairman: Trakarn Prapasongsa	Chairman: Kiyotada Hayashi Co-chairman: Ian Vázquez-Rowe	Chairman: Greg Thoma Co-chairman: Napat Jakrawatana	Chairman: Viganda Varabuntoonvit Co-chairman: Yuki Kudoh		
1800-2000	Social events (1) Student networking activities (*recommended for students) (2) Scientific committee dinner meeting (by invitation)					

19.10.2018 Conference Day 3

Time	Program					
0800-0900	Registration / Uploading the presentation files					
0900-1030	Parallel sessions					
	Kamolthip 2	Kamolruedi	Kamolthip 3	Duangkamol	Baanthai 2	Kornkamol 1-2
	Session: 1-B (FROM FARM TO TABLE)	Session: 1-D (WAYS TOWARDS SDGs)	Session: 1-A (LCA METHODS)	Session: 2-D (SUSTAINABLE ENERGY AND MOBILITY)	Session: Special (Thinkstep)	Poster presentation
	Chairman: Ulf Sonesson Co-chairman: Stewart Ledgard	Chairman: Rattanawan Mungkung Co-chairman: Kiyotada Hayashi	Chairman: Ulrike Eberle Co-chairman: Thapat Silalertruksa	Chairman: Sate Sampattagul Co-chairman: Pariyapat Nilsalab		
1030-1100	Coffee break					

Time	Program					
1100-1230	Parallel sessions					
	Kamolthip 2	Kamolruedi	Kamolthip 3	Duangkamol	Baanthai 2	Kornkamol 1-2
	Session: 1-B (FROM FARM TO TABLE)	Session: 1-D (WAYS TOWARDS SDGs)	Session: 1-A (LCA METHODS)	Session: 2-D (SUSTAINABLE ENERGY AND MOBILITY)	Session: Special (Thinkstep)	Poster presentation
	Chairman: Ian Vázquez-Rowe Co-chairman: Sarah McLaren	Chairman: Edi Iswanto Wiloso Co-chairman: Jittima Prasara-A	Chairman: Hayo van der Werf Co-chairman: Shabbir H. Gheewala	Chairman: Udin Hasanudin Co-chairman: Thapat Silalertruksa		
1230-1330	Lunch break / Uploading the presentation files					
1330-1500	Parallel sessions					
		Kamolruedi	Duangkamol	Baanthai 2	Kornkamol 1-2	
		Session: 1-A (LCA METHODS)	Session: 1-A (LCA METHODS)	Session: Special (Soil quality)	Poster presentation	
Chairman: Claudine Basset-Mens Co-chairman: Charongpun Musikavong		Chairman: Thomas Nemecek Co-chairman: Bruno Notarnicola				
1500-1530	Coffee break					
1530-1700	Closing ceremony <ul style="list-style-type: none"> - Announcements of awards - Next hosts of LCA Food, ICGSI - Summary of the conference Closing remarks					

20.10.2018 Day-out trip (Organic Tourism) *OPTIONAL

Time	Program
0830	Meeting at the Sukosol hotel lobby
0830-0930	Travelling by bus
0930	Arrives at Sampran Garden, Nakorn Pathom province
0930-1000	Soft drink and coffee (organic herb / organic coffee)
1000-1100	Presentation: About Sampran Garden
1100-1200	Field visit: Sampran organic farms
1200-1300	Lunch: Organic foods and drinks
1300-1400	Field visit: SUKJAI Market – an organic product community market
1400-1530	Field visit: Sampran organic farms
1530-1600	Soft drink and coffee (organic herb / organic coffee)
1600-1700	Travelling back to the Sukosol hotel

Note: Registration required, Entrance fee = 45 EURO

Detailed Program

TECHNICAL SESSIONS - ORAL PRESENTATIONS

Date: October 17, 2018 Time: 13.30 - 15.00

Location: Kaewkamol
 Special session: Carbon Footprint of Food Product: Moving Towards a Low Carbon Society

Location: Kamolthip 2
 Session: 1 - A (LCA Methods)
 Chairman: Jeroen Guinée
 Co-chairman: Bradley Ridoutt

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-07-00019	LCA: everything is relative and nothing is certain	Jeroen Guinée (Invited speaker)
13.45 - 14.00	LCAF-2018-05-00046	Incorporating spatially-explicit impact assessment in environmentally extended input-output analysis	Bradley Ridoutt
14.00 - 14.15	LCAF-2018-07-00233	AGRIBALYSE®: strengths and challenges of a national LCI database initiative	Vincent Colomb
14.15 - 14.30	LCAF-2018-07-00151	ELDAM, a new Quality Management System for LCI datasets exchange and review	Gustave Coste
14.30 - 14.45	LCAF-2018-07-00354	A Survey of Life Cycle Inventory Database Implementations and Architectures	Matthew Fritter
14.45 - 15.00	ICGSI-2018-08-00002	Development of adapted inventory database based on IDEA	Kiyotaka Tahara

Location: Kamolthip 3
 Session: 1 - B (FROM FARM TO TABLE)
 Chairman: Nicholas M. Holden
 Co-chairman: Edi Iswanto Wiloso

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-09-00017	System Modelling and Life Cycle Assessment of Dairy production on heavy wet soils in Ireland soils in Ireland	Nicholas M. Holden (Invited speaker)
13.45 - 14.00	LCAF-2018-07-00187	Hotspot analysis on the life cycle assessment of Indonesian tempeh	Edi Iswanto Wiloso
14.00 - 14.15	LCAF-2018-07-00250	LCA of certified palm oil	Jannick Schmidt
14.15 - 14.30	LCAF-2018-07-00311	Effects of transport distance and the quality requirement level on LC-CO2e of the produces susceptible to physical damage	Takeo Shiina
14.30 - 14.45	LCAF-2018-07-00307	Addressing organic viticulture environmental burdens by better understanding causes of inter-annual impacts variations	Christel Renaud-Gentié
14.45 - 15.00	LCAF-2018-07-00218	Implications for agricultural product carbon footprints of including changes in soil carbon	Maartje Sevenster

Location: Kamolruedi
 Session: 1 - C (FOOD SECURITY)
 Chairman: Thomas Nemecek
 Co-chairman: Greg Thoma

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-07-00245	How to supply food for the Swiss population in an environmentally optimal way by using domestic production resources best?	Thomas Nemecek (Invited speaker)
13.45 - 14.00	LCAF-2018-07-00006	MEANS-InOut: user-friendly software to generate LCIs of farming systems	Julie Auberger
14.00 - 14.15	LCAF-2018-06-00043	Novel feeds for future chicken lines to enhance sustainability	Craig W. Tallentire
14.15 - 14.30	LCAF-2018-08-00107	Social implications of competitive crops: A case study of sugarcane and cassava in north-eastern Thailand	Jittima Prasara-A
14.30 - 14.45	LCAF-2018-08-00108	Social performances of conventional and area based sugarcane product: A case study in north-eastern Thailand	Thiwaporn Phuayjan
14.45 - 15.00	LCAF-2018-07-00126	Environmental, social and economic analysis of Burkina-Faso's mango value chain	Yannick Biard

Location: Duangkamol
 Session: 1 - D (WAYS TOWARDS SDGs)
 Chairman: Thumrongrut Mungcharoen
 Co-chairman: Ulrike Eberle

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-08-00033	Comparing environmental topics of Sustainable Development Goals, Planetary Boundaries and Product Environmental Footprint	Ulrike Eberle (Invited speaker)
13.45 - 14.00	ICGSI-2018-08-00006	Towards Sustainable Development Goal #12 – Sustainable Consumption and Production patterns through the implementation of 10-Year Framework in Thailand	Rattanawan Mungkung
14.00 - 14.15	LCAF-2018-07-00336	SDG 12.3- Ecological effects of halving food losses and waste, the case of the German food sector	Thomas Schmidt
14.15 - 14.30	LCAF-2018-07-00297	Environmental Analyses to Inform Transitions to Sustainable Diets in Developing Countries: a Component of the EATS Project	Martin C. Heller
14.30 - 14.45	LCAF-2018-07-00259	Sustainable industrialization target of SDG goal 9: A case study of CO 2 emission per unit of value added in Thailand	Viganda Varabuntoonvit
14.45 - 15.00	LCAF-2018-07-00143	Socioeconomic and environmental sustainability assessment of local food products	Saioa Ramos

Date: October 17, 2018 Time: 15.30 - 17.00

Location: Kaewkamol
 Special session: Using MEANS-InOut software to guide LCA of agricultural products

Location: Kamolthip 2
 Session: 1 - A (LCA Methods)
 Chairman: Hayo van der Werf
 Co-chairman: Ulf Sonesson

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
15.30 - 15.45	LCAF-2018-07-00060	Nutrition – function or impact?	Bo P. Weidema (Invited speaker)
15.45 - 16.00	LCAF-2018-07-00150	Dietary Dependent Nutrient Quality Indexes as a Complementary Functional Unit in LCA – a feasible option?	Ulf Sonesson
16.00 - 16.15	LCAF-2018-07-00030	A Life Cycle Assessment of different food protein sources incorporating the Protein Quality Index in the functional unit	Lisa-Marie Bischer
16.15 - 16.30	LCAF-2018-07-00222	Human Health Impacts of Nutrition as a New Impact Category for Food LCAs	Katerina S. Stylianou
16.30 - 16.45	LCAF-2018-07-00026	Life-LCA: A new approach for assessing the environment impacts of a human being - experiences from a case study with focus on human diet	Marcel Goermer
16.45 - 17.00	LCAF-2018-07-00087	Linking linear programming and LCA to measure the Nutritional Cost Footprint	Ian Vázquez-Rowe

Location: Kamolthip 3
 Session: 1 - B (FROM FARM TO TABLE)
 Chairman: Bruno Notarnicola
 Co-chairman: Sergiy Smetana

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
15.30 - 15.45	LCAF-2018-07-00355	Optimization of Swedish organic bilberry processing by life cycle assessment	Erik Svanes (Invited speaker)
15.45 - 16.00	LCAF-2018-07-00275	Defining nutritionally and environmentally healthy dietary choices of omega-3 fatty acids	Maria B. Salazar
16.00 - 16.15	LCA-2018-08-00001	A Baseline Life Cycle Assessment of California Processed Tomato Products	Kiara Winans
16.15 - 16.30	LCAF-2018-07-00165	Putting sustainable diets into practice	Jasper Scholten
16.30 - 16.45	LCAF-2018-07-00271	Diet matters: the case of Spain	Laura Batlle Bayer
16.45 - 17.00	LCAF-2018-09-00018	Alternative food production systems: from insects and microalgae to emerging processing technologies and smart LCA systems	Sergiy Smetana

Location: Kamolruedi
 Session: 1 - C (FOOD SECURITY)
 Chairman: Sarah McLaren
 Co-chairman: Pongvipa Lohsomboon

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
15.30 - 15.45	LCAF-2018-07-00240	New Zealand Agri-Food Sector and Absolute Climate Impacts: An Application of Multi-Regional Input-Output Analysis	Sarah McLaren (Invited speaker)
15.45 - 16.00	LCAF-2018-07-00045	Assessment of sustainability indicators on Swiss farms under usual farm conditions	Andreas Roesch
16.00 - 16.15	LCAF-2018-08-00062	Environmental LCA of fruits and vegetable supply chains of the U.S: a case of synchronizing with the climate change adaptation and mitigation measures	Greg Thoma
16.15 - 16.30	LCAF-2018-08-00015	How to identify sustainable food and beverage packaging solutions: a pragmatic approach supporting complex decision making	Anita Hallmann
16.30 - 16.45	LCAF-2018-07-00360	LCA4CSA: Using Life Cycle Assessment to support co-designing climate-smart smallholder farming systems	Ivonne Acosta-Alba
16.45 - 17.00	LCAF-2018-03-00201	Life Cycle Assessment of Saffola oil manufactured by Marico - A case study	Rajesh Kumar Singh

Location: Duangkamol
 Session: 1 - D (WAYS TOWARDS SDGs)
 Chairman: Chaiyod Bunyagidj
 Co-chairman: Anne-Marie Boulay

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
15.30 - 15.45	LCAF-2018-07-00007	FAO LEAP Guidelines for water use assessment of livestock production systems and supply chains	Anne-Marie Boulay (Invited speaker)
15.45 - 16.00	LCAF-2018-08-00132	Eco-efficiency for the manufacturers and for the society: what's the difference? A case study on Greek yogurt	Anne-Marie Boulay
16.00 - 16.15	LCAF-2018-08-00072	Water Scarcity Footprint of Rice Cultivation in Thailand	Roihatai Kaewmai
16.15 - 16.30	LCAF-2018-08-00065	Water Footprint Database of Thai Rice Farming for Area-based Water Management and Water Scarcity Footprint Label	Sarocho Dangsi
16.30 - 16.45	LCAF-2018-07-00132	Spatio-temporal resolution matters in water scarcity footprinting: Case study of New Zealand milk	Sandra Payen
16.45 - 17.00	ICGSI-2018-08-00007	Implications of different approaches for explicitly incorporating environmental water requirement in the water stress index	Pariyapat Nilsalab

Date: October 18, 2018 Time: 13.30 - 15.00

Location: Kamolruedi
 Session: 1 - D (WAYS TOWARDS SDGs)
 Chairman: Shabbir H Gheewala
 Co-chairman: Corina van Middelaar

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-07-00349	Databases for renewable materials and food and feed as a requirement for a shift to a sustainable bioeconomy	Ulrike Bos (Invited speaker)
13.45 - 14.00	LCAF-2018-07-00142	If we are to eat more seafood- what seafood should we eat? Combining nutrition and greenhouse gas emission of seafood products	Kristina Bergman
14.00 - 14.15	LCAF-2018-07-00160	The impact of diseases in dairy cows on greenhouse gas emissions of milk production	Corina E. van Middelaar
14.15 - 14.30	ICGSI-2018-08-00003	Greenhouse Gas Management of Kasetsart University towards Low-Carbon Lifestyle and Sustainable University	Sarocha Dangsi
14.30 - 14.45	ICGSI-2018-08-00012	Carbon-Emission Hot Spot Analysis of Service Industry for Climate Actions	Tananon Nudchanate
14.45 - 15.00	LCAF-2018-05-00022	Environmental impact of bio-treatment : comparative life cycle assessment of potato peels treatment with insects, pigs and anaerobic fermentation	Shashank Goyal

Location: Kamolthip 3
 Session: 1 - A (LCA METHODS)
 Chairman: Bo P. Weidema
 Co-chairman: Claudine Basset-Mens

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-07-00254	Life Cycle Assessment, common sense and organic agriculture	Hayo van der Werf (Invited speaker)
13.45 - 14.00	LCAF-2018-07-00167	Integration of US crops from LCA commons into Agri-footprint	Bart Durlinger
14.00 - 14.15	LCAF-2018-07-00330	Input-output inventories for viticulture in the VitLCA tool	Christel Renaud-Gentie
14.15 - 14.30	LCAF-2018-07-00273	Using Experimental design for Life cycle inventory – Application to the case study of a wheat bran and straw extrusion process	Claire VIALLE
14.30 - 14.45	LCAF-2018-07-00058	An LCA of French beans from Kenya with a critical analysis of impacts due to pesticide applications	Claudine Basset-Mens
14.45 - 15.00	LCAF-2018-09-00080	Cleaner Production Potentials in the South African Soft Citrus Value Chain	Valentina Russo

Location: Kamolthip 2
 Session: 1 - B (FROM FARM TO TABLE)
 Chairman: Stewart Ledgard
 Co-chairman: Piyanon Kaenchan

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-07-00322	Nitrogen footprint and related impact categories for milk produced from contrasting farm systems in China and New Zealand	Stewart Ledgard (Invited speaker)
13.45 - 14.00	LCAF-2018-08-00014	Environmental impact of organic and conventional milk in Europe – case studies from UK, Austria and Denmark	Marie Trydeman Knudsen
14.00 - 14.15	LCAF-2018-07-00112	Valuing leftover streams through livestock; the impact of livestock system and productivity level	Ollie van Hal
14.15 - 14.30	LCAF-2018-07-00149	Effects of measures to reduce nutrient losses on the overall environmental impact of the Swiss farming sector	Maria Bystricky
14.30 - 14.45	LCAF-2018-03-00022	On-farm level acting in order to mitigate climate change using a point-based system	Gérard Gaillard

Location: Baanthai 1
 Session: 2 - B (SUSTAINABLE MATERIAL AND CHEMICAL USE)
 Chairman: Jitti Mungkalasiri
 Co-chairman: Marlia Mohd Hanafiah

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	ICGSI-2018-07-00082	Domestic Material Consumption (DMC) of Biomass in Thailand	Jantima Samneangngam
13.45 - 14.00	ICGSI-2018-07-00010	Factors influencing sugarcane cultivation: A case study in Kanchanaburi province, Thailand	Patcharaporn Pongpat
14.00 - 14.15	ICGSI-2018-07-00068	Functional fillers as a part of green chemistry: LCA review	Didem Civancik-Uslu
14.15 - 14.30	LCAF-2018-07-00309	The production of organic fertilizer pellets from fruit and vegetable wastes	Patrick Brassard
14.30 - 14.45	LCAF-2018-07-00230	Circular Brew: life cycle assessment of waste bread-based beer	Joana Almeida
14.45 - 15.00	LCAF-2018-07-00284	An environmental prospective study of Thai bioplastic policy	Ruethai Onbuddha

Location: Kamolporn
 Session: 1 - D (FOOD LOSS FOOD WASTE)
 Chairman: Anthony Bennett
 Co-chairman: Rattanawan Mungkung

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-07-00373	Nutrition in the bin: Nutritional and environmental assessment of food wasted at home in the UK	Namy Espinoza-Orias (Invited speaker)
13.45 - 14.00	LCAF-2018-08-00048	Socio-demographic predictors of food waste behavior in Denmark and Spain	Alessandra C. Grasso
14.00 - 14.15	LCAF-2018-08-00034	Life cycle environmental and economic impacts of food waste recycling: A case study of organic vegetable farming in Japan	Naoki Yoshikawa
14.15 - 14.30	LCAF-2018-07-00376	Resources wastage related to food loss and waste in rice supply chain in Thailand	Wannika Imcharoen
14.30 - 14.45	LCAF-2018-07-00341	Life Cycle Assessment of Seafood Beyond the Sea: Understanding How Seafood Losses and Consumption Patterns within Post-Production Stages Impact the Life Cycle Impacts of Seafood Products	Kathleen Mifflin

Date: October 18, 2018 Time: 15.30 - 17.00

Location: Kamolporn
Special session: IJLCA editors' meeting (by invitation)

Location: Kamolruedi
Session: 1 - A (LCA Methods)
Chairman: Bradley Ridoutt
Co-chairman: Trakarn Prapasongsa

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
15.30 - 15.45	LCAF-2018-05-00047	A critical review of metrics used in sustainable diet studies	Bradley Ridoutt (Invited speaker)
15.45 - 16.00	LCAF-2018-07-00207	Challenges when using Life Cycle Assessment for novel bioeconomy production systems	Hannele Pulkkinen
16.00 - 16.15	LCAF-2018-08-00050	Globalised or localised life cycle impact assessment methods? Implications from method comparison for sustainable food production in Thailand	Trakarn Prapasongsa
16.15 - 16.30	LCAF-2018-07-00046	Describing effects of grazing on soil quality in LCA	Andreas Roesch
16.30 - 16.45	LCAF-2018-07-00043	A methodological approach to carry out consequential life cycle assessment of greenhouse gas removal by agricultural soils	Pietro Goglio
16.45 - 17.00	LCAF-2018-08-00131	First proposition to include an integrated indicator of soil quality within the Life Cycle Assessment framework	Alexis Thoumazeau

Location: Kamolthip 3
Session: 1 - A (LCA METHOD)
Chairman: Kiyotada Hayashi
Co-chairman: Ian Vázquez-Rowe

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
15.30 - 15.45	Invited speaker	The biodiversity, health and well-being in the context of global and local environmental changes	Montira Pongsiri (Invited speaker)
15.45 - 16.00	LCAF-2018-07-00101	Correlations between regional- and field-scale biodiversity indicators within life cycle assessment: The case of rice production systems in Japan	Kiyotada Hayashi
16.00 - 16.15	LCAF-2018-07-00364	A consistent variable-scale biodiversity impact assessment structure	Jan Paul Lindner
16.15 - 16.30	LCAF-2018-07-00164	Pesticide emission and toxicity models in LCA need to be adapted for tropical regions	Céline Gentil
16.30 - 16.45	LCAF-2018-06-00050	Spatially differentiated eco-toxicity characterization factors for copper soil emissions in Atlantic vineyards in Portugal and Galicia (NW Spain)	Ian Vázquez-Rowe

Location: Kamolthip 2
 Session: 1 - B (FROM FARM TO TABLE)
 Chairman: Greg Thoma
 Co-chairman: Napat Jakrawatana

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
15.30 - 15.45	LCAF-2018-08-00063	A Stepwise Retrospective Life Cycle Assessment of US Pork: 1960 - 2015	Greg Thoma (Invited speaker)
15.45 - 16.00	LCAF-2018-02-00466	Life cycle assessment of cellular agriculture combined with agroecological symbiosis	Hanna Tuomisto
16.00 - 16.15	LCAF-2018-07-00302	Life cycle assessment of cultured meat combined with assessment of opportunity costs of land use	Hanna Tuomisto
16.15 - 16.30	LCAF-2018-07-00328	Mitigating environmental impacts of beef production - scenario comparison	Sanna Hietala
16.30 - 16.45	LCAF-2018-07-00295	Life Cycle Assessment of a plant-based burger and comparison with a typical beef burger	Martin C. Heller
16.45 - 17.00	LCAF-2018-09-00023	Evaluation of the Environmental Impacts Associated with Variation in U.S. Cattle Production Systems	Ben Putman

Location: Baanthai 1
 Session: 2 - A (SUSTAINABLE RESOURCE USE)
 Chairman: Viganda Varabuntoonvit
 Co-chairman: Yuki Kudoh

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
15.30 - 15.45	ICGSI-2018-07-00012	Life cycle assessment of guayule as an alternative source of natural rubber	Kullapa Soratana (Invited speaker)
15.45 - 16.00	ICGSI-2018-08-00004	Innovative Carbon-Neutral Upcycled Products for Climate Change Mitigation and Circular Economy	Supachok Tanapanont
16.00 - 16.15	ICGSI-2018-07-00078	Evaluation of Permanent Magnet Recycling Based on the Future Waste Forecast and Location Routing Problem	Hiroshi Kuroki
16.15 - 16.30	ICGSI-2018-07-00059	A Framework for Examining Stakeholder Technology Challenges in Transitioning to Zero Waste Manufacturing	Piya Kerdlap
16.30 - 16.45	ICGSI-2018-07-00081	Mitigation of struvite formation in palm oil mill effluent (POME) treatment facilities	Muzzammil Ngatiman
16.45 - 17.00	ICGSI-2018-07-00024	Carbon Footprint of Zeolite A and Zeolite Y Derived from Bagasse Ash for CO ₂ Adsorption	Nareerat Na Chat

Date: October 19, 2018 Time: 09.00 - 10.30

Location: Baanthai 2
Special session: Special (Thinkstep)

Location: Kamolthip 2
Session: 1 - B (FROM FARM TO TABLE)
Chairman: Ulf Sonesson
Co-chairman: Stewart Ledgard

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
09.00-09.15	LCAF-2018-07-00379	AGRIBALYSE: From Database to Ecodesign. Learnings from France to promote Ecodesign in the food sector.	Vincent Colomb (Invited speaker)
09.15-09.30	LCAF-2018-07-00306	Using LCA for participatory eco-design in agriculture: the case of Technical Management Routes (TMR) design with winegrowers and extension officers	Anthony Rouault
09.30-09.45	LCAF-2018-07-00107	Impact of biodegradable food packaging on climate change	Ana Morão
09.45-10.00	LCAF-2018-07-00243	Learnings from applying LCA in the food packaging space in Australia	Joana Almeida
10.00-10.15	LCAF-2018-07-00183	IMPROVING THE AIRPLANE CATERING SERVICE FOOD AND PACKAGING ANALYSIS	Gonzalo Blanca Alcubilla
10.15-10.30	LCAF-2018-07-00146	LC-CO2 of the vegetables considering food quality maintenance effect of packaging	Akihiro Izumi

Location: Kamolruedi
Session: 1 - D (WAYS TOWARDS SDGs)
Chairman: Rattanawan Mungkung
Co-chairman: Kiyotada Hayashi

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
09.00-09.15	ICGSI-2018-08-00005	Organizational Life Cycle Assessment towards Sustainability: A Case Study of Thai Vegetable Oil Company	Rattanawan Mungkung (Invited speaker)
09.15-09.30	LCAF-2018-08-00093	Ecological footprint assessment towards sustainable rice cultivation in Thailand	Konkanok Jaibumrung
09.30-09.45	LCAF-2018-07-00372	Joining Environmental Impacts and Health Impacts of an Individual's Dietary Choices	Christie Walker
09.45-10.00	LCAF-2018-07-00235	Making More Sustainable Food Choices: A Comparison of Environmental and Nutritional Impacts and Benefits of Pizzas on Health	Katerina S. Stylianou
10.00-10.15	LCAF-2018-07-00203	Sustainability Assessment of Highland Maize Cultivation in Northern Thailand	Sarunnoud Phuphisith
10.15-10.30	LCAF-2018-07-00115	Food-Environment-Poverty nexus	Laura Scherer

Location: Kamolthip 3
 Session: 1 - A (LCA Methods)
 Chairman: Ulrike Eberle
 Co-chairman: Thapat Silalertruksa

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
09.00-09.15	LCAF-2018-07-00075	Land use impacts: comparing Irish and German milk production	Ulrike Eberle (Invited speaker)
09.15-09.30	LCAF-2018-08-00007	Accounting for land use contribution to climate change in agricultural LCA: Which methods? Which impacts?	Cécile Bessou
09.30-09.45	LCAF-2018-07-00365	Quantification of land use impacts on biodiversity with local ecosystem indicators: A case study in southwestern Germany	Jan Paul Lindner
09.45-10.00	LCAF-2018-07-00351	GIS based Regionalized Land Use Characterization Factors for Life Cycle Impact Assessment using LANCA®	Ulrike Bos
10.00-10.15	LCAF-2018-07-00374	Environmental assessment of global confectionery brand	Namy Espinoza-Orias
10.15-10.30	LCAF-2018-08-00042	Human toxicity assessment of oil palm cultivation in Thailand: the variability from using different life cycle impact assessment methods	Pattaramart Makmoon

Location: Duangkamol
 Session: 2 - D (SUSTAINABLE ENERGY AND MOBILITY)
 Chairman: Sate Sampattagul
 Co-chairman: Pariyapat Nilsalab

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
09.00-09.15	Invited speaker	Sustainability of palm-based biorefinery to support bioeconomy	Shabbir H. Gheewala
09.15-09.30	ICGSI-2018-07-00055	Are electric vehicles the key to improve environment in transport sector? – From a Well-to-Wheel perspective –	Yuki Kudoh
09.30-09.45	ICGSI-2018-08-00022	Life Cycle Assessment of Automated Container Port Logistics Systems	Orawan Mookhavas
09.45-10.00	ICGSI-2018-07-00071	Dynamic carbon accounting applied to energy policy scenarios: accounting for full lifetime carbon	Ariane ALBERS
10.00-10.15	ICGSI-2018-08-00008	Cost-benefit analysis of bioethanol development in Thailand	Piyanon Kaenchan

Date: October 19, 2018 Time: 11.00 - 12.30

Location: Baanthai 2
Special session: Special (Thinkstep)

Location: Kamolthip 2
Session: 1 - B (FROM FARM TO TABLE)
Chairman: Ian Vázquez-Rowe
Co-chairman: Sarah McLaren

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
11.00-11.15	LCAF-2018-07-00117	Life Cycle Inventory of French fisheries: AGRIBALYSE for sea products	Joël Aubin (Invited speaker)
11.15-11.30	LCAF-2018-06-00025	The Zambian aquaculture supply chain: cages or ponds for sustainable growth?	Angel Avadí
11.30-11.45	LCAF-2018-07-00228	Priority Pathways for Sustainable Intensification of Egg Production	Nathan Pelletier
11.45-12.00	LCAF-2018-07-00276	Economic and environmental sustainability of rice farming systems in Thailand: adoption of site-specific fertilization practice	Jeerasak Chobtang
12.00-12.15	LCAF-2018-08-00023	Socio-economic LCA of rice production systems in rural Andhra Pradesh, India	Markus Frank
12.15-12.30	LCAF-2018-08-00024	Automation of Socioeconomic-LCA to drive continuous improvement and support certification on farm	Markus Frank

Location: Kamolruedi
Session: 1 - D (WAYS TOWARDS SDGs)
Chairman: Edi Iswanto Wiloso
Co-chairman: Jittima Prasara-A

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
11.00-11.15	LCAF-2018-07-00368	Opportunities for increased ecosystem services from incorporation of spatial and temporal diversity in crop rotations	Paul R. Adler (Invited speaker)
11.15-11.30	LCAF-2018-07-00352	Measuring the impact on employment and paid wages as a consequence from mechanization of the sugarcane harvesting in Thailand	Wanchat Sawaengsak
11.30-11.45	LCAF-2018-07-00139	Feed eco-design: how to make a good decision? Part 1- Uncertainty analysis of feed formulation	Sandrine ESPAGNOL
11.45-12.00	LCAF-2018-07-00140	Feed eco-design: how to make a good decision? Part 2- rebound effects of eco-feed production	Sandrine ESPAGNOL
12.00-12.15	LCAF-2018-07-00346	Environment and Social Sustainability Assessment of Maize-based Broiler Feed	Pornpimon Boonkum
12.15-12.30	LCA-2018-07-00058	Assessing SAFA Economic Resilience of Maize Supply Chain in Thailand	Yuwanan Santitaweeroek

Location: Kamolthip 3
 Session: 1 - A (LCA Methods)
 Chairman: Hayo van der Werf
 Co-chairman: Shabbir H. Gheewala

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
11.00-11.15	LCAF-2018-07-00253	AGRIBALYSE goes organic: life cycle assessment of French organic agriculture	Hayo MG van der Werf (Invited speaker)
11.15-11.30	LCAF-2018-07-00130	Animal Welfare – a New Indicator and Trade-offs with the Carbon Footprint	Laura Scherer
11.30-11.45	LCAF-2018-07-00294	Comparison of different approaches to cope with multifunctionality of livestock in LCA – a Peruvian case study	Karin Bartl
11.45-12.00	LCAF-2018-07-00383	Farm-level GHG calculations of the entire Dutch Dairy sector	Anne Gaasbeek
12.00-12.15	LCAF-2018-07-00178	Sustainable Performance of Meat Cell Factory	Hanne Møller
12.15-12.30	LCAF-2018-07-00147	Comparative environmental impact of alcoholic beverages consumption	Saioa Ramos

Location: Duangkamol
 Session: 2 - D (FOOTPRINT ASSESSMENT)
 Chairman: Udin Hasanudin
 Co-chairman: Thapat Silalertruksa

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
11.00-11.15	ICGSI-2018-08-00051	Competitive use of sugarcane for food, biofuel and biochemical through the environmental and economic benefits	Thapat Silalertruksa (Invited speaker)
11.15-11.30	LCAF-2018-07-00333	Spatial variability in Greenhouse Gas Footprints of Palm Oil Production in Indonesia	Wan Yee Lam
11.30-11.45	ICGSI-2018-08-00034	Ecological footprint of bioethanol from sugarcane sap and molasses in Thailand	Charongpun Musikavong
11.45-12.00	LCAF-2018-08-00037	Carbon Footprint Reduction of PET-Bottled Water in Thailand	Supachok Tapananon
12.00-12.15	LCAF-2018-07-00141	Database of food carbon footprints helps Public Sector in Sweden set and reach climate goals	Katarina Nilsson
12.15-12.30	LCAF-2018-07-00152	Updated carbon footprint values for mineral fertilizers from different world regions	Frank Brentrup

Date: October 19, 2018 Time: 13.30 - 15.00

Location: Baanthai 2
Special session: Special (Soil quality)

Location: Kamolruedi
Session: 1 - A (LCA Methods)
Chairman: Claudine Basset-Mens
Co-chairman: Charongpun Musikavong

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-07-00057	Towards specific guidelines for applying LCA in South contexts	Claudine Basset-Mens (Invited speaker)
13.45 - 14.00	LCAF-2018-07-00206	Valuing potential ecosystem services with a life-cycle oriented methodology	Pierre-Alexandre Willot
14.00 - 14.15	LCAF-2018-07-00154	Nitrogen and phosphorus modelled in freshwater eutrophication: The director's cut	Sandra Payen
14.15 - 14.30	LCAF-2018-07-00329	Making agricultural Life Cycle Assessment tools effective	Marguerite Renouf
14.30 - 14.45	LCAF-2018-07-00156	Challenges for Knowledge Engineering in Life Cycle Inventory	Caroline SABLAYROLLES
14.45 - 15.00	LCAF-2018-07-00027	Life Cycle Assessment of Premium Salted Potato Chips Manufactured by ITC - A Case Study	Ankush Jain

Location: Duangkamol
Session: 1 - A (LCA Methods)
Chairman: Thomas Nemecek
Co-chairman: Bruno Notarnicola

TIME	CODE	TITLE OF PRESENTATION	PRESENTER
13.30 - 13.45	LCAF-2018-07-00169	Assessing environmental impacts and risks of pesticide application in Swiss crops by combining LCA and risk analysis	Thomas Nemecek (Invited speaker)
13.45 - 14.00	LCAF-2018-08-00031	Characterization factors for global fisheries	Arnaud Hélias
14.00 - 14.15	LCAF-2018-06-00053	Methodological choices of LCA applied to aquaculture systems: Critical review & recommendations	Florence A. Bohnes
14.15 - 14.30	LCAF-2018-07-00231	Life Cycle Assessment (LCA) of salmonid aquaculture systems: status and perspectives	Gaspard Philis
14.30 - 14.45	LCAF-2018-06-00026	LCIs of Latin American seafood production systems in ecoinvent®	Angel Avadí
14.45 - 15.00	LCAF-2018-07-00029	Life Cycle Assessment of applying Algal Oil in salmon aquaculture; challenges for methodological development	Lisa-Marie Bischer