

Nov.23	Room A (Fujiwara Hiroshi Hall)		Room B (Multipurpose Room 1)		Room C (Multipurpose Room 2)		Room D (Multipurpose Room 3)	
	[S5-1] Sustainable Agriculture and Food toward Globalizing Asia		[S6-1] Environmental Management Accounting		[S8-1] Materials Technology for Resource Sustainability		[G4] Sustainable Management	
9:00-9:20	A3-01 Invited	Life Cycle Assessment and Footprint in Agri-Food: Practical Experiences from Thailand Rattanawan MUNGKUNG (Thailand) VGREEN and Kasetsart University	B3-01 Invited	Controlling Resource Flows for a Sustainable Society Bernd WAGNER (Germany) Universitaet Augsburg	C3-01 Invited	9:00-9:30 What is the Ecomaterial in this 21st Century? Kohmei HALADA (Japan) Natlinal Institute for Materials Science	D3-01	Quantitative Estimation for Value of Environmental Actions in Contrast to Technological Innovations Naoko MAE (Japan) Kyoto University
9:20-9:40	A3-02	Development of the Greenhouse Gas Emissions (GHG) Accounting Tool for the Korean Dairy Cow Farm Chun-Youl BEAK (Korea) Ajou university	B3-02	Looking at Waste Differently: A Success Story of Material Flow Cost Accounting (MFCA) Implementation in Malaysia Abdul Halim SULAIMAN (Malaysia) University of Malaya		D3-02	A Novel Graphical Representation Method for Scenario Analysis: Application to the Design of Energy System I-Ching CHEN (Japan) The University of Tokyo	
9:40-10:00	A3-03	Greenhouse Gas Emissions in Sustainable Coffee Production Ampira CHAROENSAENG (Thailand) Chulalongkorn University	B3-03	Material Flow Cost Accounting in Supply Chain for Green Manufacturing Michiyasu NAKAJIMA (Japan) Kansai University	C3-02 Invited	9:30-10:00 Recent Progress in Sustainable Management of Material Resources Yuichi MORIGUCHI (Japan) The University of Tokyo	D3-03	Proposal of Dynamic LCI for Paprika Supply Chain due to an Environmentally Friendly Technology in Indonesia Eidelwejis Adririnjani PUTRI (Indonesia) Institut Teknologi Bandung
10:00-10:20	A3-04	An Integrated Model of Sugarcane-Derived Ethanol Production by Interdisciplinary Analysis across Agriculture and Engineering Yasunori KIKUCHI (Japan) The University of Tokyo	B3-04	A Model for the Integrated Application of EMA, MFCA and CP Seakle GODSCHALK (South Africa) Environmental & Sustainability Solutions	C3-03	For Whom and for What Ecomaterials are? Yoshikazu SHINOHARA (Japan) National Institute for Materials Science	D3-04	A Consideration of Bio-Fuels Supply from LCI and Cost Aspects Kiyoshi DOWAKI (Japan) Tokyo University of Science
10:20-10:40	Break							
	[S5-2] Sustainable Agriculture and Food toward Globalizing Asia		[S6-2] Environmental Management Accounting		[S8-2] Materials Technology for Resource Sustainability		[G3] Footprint Methodology	
10:40-11:00	A3-06	Characterizing Pesticide Residues and Related Health Impacts in Life Cycle Impact Assessment Olivier JOLLIET (U.S.A) University of Michigan	B3-05	Development of an Integrated MFCA and CFP Model: Introducing Cost Information into CFP Calculation Katsuhiko KOKUBU (Japan) Kobe University	C3-05	Thermal Radiation Control Coatings at High Temperature for Efficient Energy Use Hideki KAKISAWA (Japan) The University of Tokyo	D3-05	The Effectiveness of CFP System Certification Scheme in the CFP Communication Program Shoichiro TSURUTA (Japan) Japan Environmental Management Association for Industry
11:00-11:20	A3-05	Proposal of a Unified Biodiversity Impact Assessment Method Jan-Paul LINDNER (Germany) Fraunhofer IBP	B3-08	Resource Efficiency in Manufacturing Companies - Cost and Greenhouse Gas Emission Savings Mario SCHMIDT (Germany) Pforzheim University	C3-06 Invited	Highly Functional Bioplastic Used for Electronic Products: Polylactic Acid Composites and Cellulose-Cardanol Resin Masatoshi IJI (Japan) NEC Corporation	D3-06	Criteria of Carbon Footprint Inventory Data Selection from Software and Databases Jahau Lewis CHEN (Taiwan/R.O.C) National Cheng Kung University
11:20-11:40	A3-07	World Food LCA Database: Toward More Accurate Food Datasets Sebastian HUMBERT (Switzerland) Quantis	B3-07	Life Cycle Costing of Farm Milk Production-Cost Assessment of Carbon Footprint Mitigation Strategies Olivier JOLLIET (U.S.A) University of Michigan	C3-07	The Impact of Land-Use Change for Bio-Based Plastics in Thailand Unchalee SUWANMANEE (Thailand) Srinakharinwirot University	D3-07	Carbon Footprint Offset Strategy for Township's Collection of Municipal Solid Waste - The Example of Pingxi District in New Taipei City Huan-Ling CHENG (Taiwan/R.O.C) National Taipei University
11:40-12:00	A3-08	A Comparative Analysis of Different Assessment Methods for the Environmental Impacts of Agricultural Inputs Kiyotada HAYASHI (Japan) National Agriculture and Food Research Organization		Discussion	C3-08	Integrated Indicator for Resource Dependency by TMR Eiji YAMASUE (Japan) Kyoto University	D3-08	The Estimation of the CO ₂ Emission of the Menus in the Restaurant Atsushi INABA (Japan) Kogakuin University
12:00-13:30	Lunch							
	[S5-3] Sustainable Agriculture and Food toward Globalizing Asia		[S6-3] Environmental Management Accounting		[G9] Waste Management and Recycling		[G7] Sociology, Psychology and Education	
13:30-13:50	A3-09	Assessment of Rice Cultivation with Ecological Scarcity Japan Rolf FRISCHKNECHT (Switzerland) ESU-Services Ltd.	B3-09	Development of Input-Output Inventory Data Base for GHG in China Hiroshi YAMAGUCHI (Japan) Tokyo City University	C3-09	Recycling of Lead-Acid Batteries in Taiwan and its Substance Flow Analysis Wen-Hsin HUANG (Taiwan/R.O.C) National Taipei University	D3-09	Estimation of Outcomes of Consumer's Rebound Effect Kotaro KAWAJIRI (U.S.A) MIT/AIST
13:50-14:10	A3-11	Life Cycle Assessment of Ecologically Cultivated Rice Applying DNDC-Rice Model Naoki YOSHIKAWA (Japan) Ritsumeikan University	B3-10	Generic Business Strategies for a Sustainable Business Model - Based on the Korean Cases Kun-Mo LEE (Korea) Ajou university	C3-10	E-waste Recycling and Environmental Impact in Asia Atsushi TERAZONO (Japan) National Institute for Environmental Studies	D3-10	Advances in Knowledge Organization Related to Sustainability Science: Prospects for Higher Education Harald Ernst OTTO (Italy) Polytechnic University of Marche
14:10-14:30	A3-12	Visualizing the Influence of Weed Control Methods on Environmental Impacts of Organic Rice Cultivation in Japan Shingo HOKAZONO (Japan) National Agriculture and Food Research Organization	B3-11	Systematic Monetization of Environmental Impacts Hannes KRIEG (Germany) University of Stuttgart	C3-11	Closing the Loop for Industrial Wastes - A Multi-Objective Mixed-Integer Linear Program for Sustainable Industrial Waste and Resource Management Carl O. VADENBO (Switzerland) ETH Zurich	D3-11	Bridging the Gap of International Intercity Environmental Cooperation: A Kitakyushu - Da Nang Survey Takaaki KATO (Japan) The University of Kitakyushu
14:30-14:50		Discussion	B3-12	Exploring the Use of MFA from a Company Perspective Steve HARRIS (Sweden) Chalmers University of Technology	C3-12	Scenario Planning of Waste Biomass Management in the Near Future Rokuta INABA (Japan) National Institute for Environmental Studies	D3-12	Analysis of Decision-Makers' Behavior and its Effects on Material Flows with Multi-Agent Simulation: A Case Study in E-waste Recycling Systems Kiyofumi SUGAWARA (Japan) The University of Tokyo
14:50-16:10	Closing (Room A)							
16:10-17:10	Farewell Party (Event Hall)							