

No	Title	Presenter	Role	First author	Co-authors
1	3 Do methodological choices in environmental modelling bias rebound	WD		David Font Vi	Arnold Tukker and René Kemp
2	4 The foundations of the environmental rebound effect and its contrib	WD		David Font Vi	Will McDowall, Jaime Freire González, René Kemp and Jeroen Adriaans
3	5 Including Ecosystem Sustainability in the Economic Valuation of Bio	NR		Jeroen Adriaans	Ada Wossink, Wouter De Groot and Geert De Snoo
4	6 Comparative Life Cycle Assessment of two Multifamily Buildings in P	Ana Lucia Cáceres	Researcher	Ana Lucia Cáceres	Ramzy Kahhat
5	8 Sustainable urban water management system in Palomino, Colombi	Natalia Uribe Calvo	Student	Natalia Uribe	René Kleijn, Maurits Willem Ertsen and Carlos Hernandez
6	9 Analysing the life cycle environmental impacts of Integrated Multi-t	Angelica Mendoza Beltran	Student	Angelica Men	Jeroen Guinée
7	10 Benchmarking environmental impacts of Integrated Multi-trophic Aqu	Angelica Mendoza Beltran	Student	Angelica Men	Jeroen Guinée
8	11 [EXPERIMENT-PLAN-DO] The closing loop of tools that help the ind	NR	Researcher	Carmen Ruiz	Puente
9	12 DEVELOPMENT OF A METHODOLOGY TO CHARACTERIZE AND SAM	Samy Garcia Torres	Researcher	Samy Garcia	Ramzy Kahhat and Sandra Santa Cruz Hidalgo
10	13 Identifying (re)cycling flows systematically within Physical Input-Output	Aleix Altamiras Martin	Researcher	Aleix Altamiras	Martin
11	14 (Re)defining (re)cycling	Aleix Altamiras-Martin	Researcher	Aleix Altamiras	Martin
12	15 Green Supply Chain and Cleaner Production: A literature review in o	Livia Ignacio	Student	Livia Ignacio	Guilherme Pescim, Kleber Esposto and Aldo Ometto
13	16 Circularity assessment of companies: an evaluation of existing tools	Juana Camacho Otero	Student	Juana Camacho	Otero
14	17 Tools for implementing and communicating eco-design in the furnit	Joan Rieradevall	Researcher	Pere Llorach-I	Anna Petit-Boix, Esther Sanyé, Joan Rieradevall, Xavier Ganiyu Aijeseg
15	18 The Role of Energy Storage in the Design of Eco-Industrial Park (EIF	NR		Clara Pardo	William Alfonso
16	20 Drinking water and sewer networks in Spanish medium-sized cities: (X	Xavier Gabarrell	Researcher	David Sanja	Anna Petit-Boix, Desirée Marin, Xavier Gabarrell, Alejand
17	21 The FertileCity Project: improving local food production in cities from	Joan Rieradevall	Researcher	David Sanja	Pere Llorach-Masana, Esther Sanyé-Mengual, Alejandro
18	22 QUANTIFICATION OF LOST MATERIAL STOCK OF BUILDINGS A	Ramzy Kahhat	Researcher	Carlos Mesta	Ramzy Kahhat and Sandra Santa Cruz
19	24 Same Supply Chain, Different Models: Integrating Perspectives from	Charles Corbett	Researcher	Vered Blass	Charles Corbett
20	25 ALEI - Asociación Latinoamericana de Ecología Industrial (Latin Ame	Natalia Uribe Calvo	Student	Natalia Uribe	Paulina Criollo Alvarez
21	26 Energy and material flows in Bogotá: relationships with quality of	NR		Clara Pardo	William Alfonso
22	27 Buildings for the biosphere (and their indoors for the technosphe	Francesco Pomponi	Researcher	Francesco Po	Alice Moncaster
23	28 The cultural dimension of industrial ecology education: success story	Francesco Pomponi	Researcher	Francesco Po	Liliana Medina Campos and Alice Moncaster
24	29 Shortcomings of LCA current practice: the risk of mean values	Francesco Pomponi	Researcher	Francesco Po	Poorang A.E. Piroozfar and Alice Moncaster
25	30 Defining a new perspective for eco-efficiency in wastewater treatme	Ian Vazquez Rowe	Researcher	Yago Lorenzo	Ian Vazquez Rowe, María José Amores, Montserrat Terr
26	31 LCA on COLOMBIAN BANANA SUPPLY CHAIN, Organic vs. Conve	Diana Palacios	Student	Diana Palacios	
27	32 Potential community management of the "FreshWaterMill" in Johnn	Diana Palacios	Student	Diana Palacios	
28	33 Industrial symbiosis and value chain collaborations	Lina Marin	Student	Lina Marin	Lei Shi
29	34 Cable car projects as sustainable transport systems: a compared vie	NR		Nicolas Valenzuela	
30	35 Mapping controversies as a tool to expand corporate life cycle mana	Juana Camacho Otero	Student	Henrikke Bau	Juana Camacho Otero
31	36 Cooperation in Industrial Symbiosis Business Models: An Agent-Bas	Luca Fraccascia	Student	Devrim Murat	Luca Fraccascia, Vito Albino and Herik Zijm
32	37 Environmental and Economic Benefits of Waste Loop-Closing in Bio	Devrim Murat Yazan	Researcher	Devrim Murat	Yazan
33	38 Introducing PLM systems and ontology engineering in platforms for	Friedrich Haltschlag	Researcher	Friedrich Hal	Kai Lindow and Rainer Stark
34	39 The cradle of the Life Cycle of metals products: mining activities	Giancarlo Alfonso Lovón	Researcher	Giancarlo Alf	Francisco Mariano Da Rocha de S. Lima, Marcelo Guima
35	40 Industrial Ecology for Sustainability Management	Bart van Hoof	Researcher	Bart van Hoof	Jooyoung Park
36	41 Global material flows, production metrics, and waste reuse for pap	Stijn van Ewijk	Student	Stijn van Ewijk	
37	42 Waste or resource? Redefining waste for environmental sustainabil	Stijn van Ewijk	Student	Stijn van Ewijk	
38	43 Defining technical efficiency of industrial symbiosis	Luca Fraccascia	Student	Luca Fraccascia	
39	44 Quantification of resilience in the NdFeB rare earth magnet supply	WD		Benjamin Spr	Ichiro Daigo, Matthijs Vos, Rene Kleijn, Shinsuke Muraka
40	47 Energy metabolism of Latin American large urban agglomerations	Christopher Kennedy	Researcher	Angelo Facch	Jonathan Barton, Chris Kennedy, Clara Pardo, Iain Stew
41	48 Environmental assessment of expanding local road networks in the F	Gustavo Larrea-Gallegos	Student	Gustavo Larre	Geoff Gallice and Ian Vazquez Rowe
42	49 Experiencias de Ecología Industrial. Incentivos y barreras de la políti	WD		Graciela Carrillo	
43	50 Dwelling stock dynamics in countries with housing deficit: the case	Luis Felipe Vásquez	Student	Yris Olaya	Luis Felipe Vásquez
44	52 Life Cycle Assessment of agricultural products at a cultivation site	Ian Vazquez Rowe	Researcher	Ian Vazquez	Ramzy Kahhat, Isabel Quispe and Miguel Bentin
45	54 Modeling the construction material content of residential building	NR		Irak Turan	John E. Fernández and Paulo Ferrão
46	55 Key performance indicators for sustainable megacities	Christopher Kennedy	Researcher	Christopher	Kennedy
47	56 Developing an Integrative Framework for a Gold-Mining-Based Circ	Anthony Halog	Researcher	Raquel Balan	Anthony Halog
48	61 Implementing Whole Life Carbon in Buildings	Catherine De Wolf	Student	Catherine De	Francesco Pomponi and Alice Moncaster
49	63 Life cycle assessment of organic and mineral fertilizers in a crop	Roberto Quiros	Researcher	Roberto Qui	Xavier Gabarrell, Gara Villalba and Pere Muñoz
50	65 Variability of CO2 emissions and cumulative energy demand in the	Sérgio Pacca	Researcher	Lidiane Santa	Sérgio De Almeida Pacca and Vanderley M Jon
51	66 Circular Economy in the Netherlands: new policy or Circular Econo	Walter Vermeulen	Researcher	Walter Verme	Sjors Witjes and Denise Reike
52	67 Life Cycle Assessment of the use of natural materials as thermal ins	Xavier Gabarrell	Researcher	Jorge Sierra	Jesús Boschmonart-Rives and Xavier Gabarrell
53	68 External agents facilitating collaboration within eco-industrial net	Santiago Mejía-Dugand	Researcher	Santiago Mej	Jooyoung Park and Bart van Hoof
54	69 Life cycle assessment of ethanol-based carbon capture and use (CCU)	WD	Researcher	Rodrigo Har	Sérgio Almeida Pacca
55	71 Managing tradeoffs in comparative LCAs	Valentina Prado	Researcher	Valentina	Prado
56	72 Financing cleaner production in Central America	Weslyne Ashton	Researcher	Weslyne Ast	Christian Izquierdo-Cruz, Marta Alicia Panero and Marta I
57	73 Applying Industrial Ecology to satisfy rural residential demand us	José Alfaro	Researcher	Rashmi Krish	José Alfaro
58	74 Bringing individual-level behavior and social structure into indust	Cesar Garcia-Diaz	Researcher	Cesar Garcia	Diaz
59	75 Strategic Niche Management as analysis tool for the diffusion of In	Fernando Figueroa Ortega	Researcher	Fernando Figu	Ortega
60	76 Sustainable consumption: an overview of Brazilian public policies	Erico Pagotto	Student	Sylmara Gon	Erico Pagotto
61	77 Lessons from the 10 years of industrial symbiosis development in the	Jooyoung Park	Researcher	Jooyoung Par	Jun-Mo Park and Hung-Suck Park
62	79 The Role of Collaboration Mechanisms in the Creation of Sustainabl	Ezequiel Refo	Researcher	Ezequiel Refi	Roberto Gutiérrez, María Helena Jaén and Nunzia Aulet
63	80 Stakeholder perspectives on the sustainability of oil palm produc	Pauline Deutz	Researcher	Paul Jensen	Pauline Deutz, Fadziyah Majid Cooke and Ryan Mukit
64	81 Streamlined LCA and sustainable construction	Sérgio Pacca	Researcher	Vanderley Jot	Sérgio Pacca
65	83 INDUSTRIAL ECOLOGY APPLIED TO THE TANNERY SECTOR IN Migu	Miguel Nava	Student	Miguel Nava	German Cuevas and Gemma Cervantes
66	84 ECO-INDUSTRIAL AGRICULTURAL SYSTEM IN RURAL COMMUN	Gemma Cervantes	Researcher	Rocio Gonzal	German Cuevas and Gemma Cervantes
67	85 The project "Feira Total": from waste to value	Sylmara Gonçalves-Dias	Researcher	Sylmara L. F.	Sonia Seger Mercedes and Orlando C Silva
68	86 Collaboration in Sustainable Supply Chain Management: Toward an	Laura Zuluaga Cardona	Student	Laura Zuluag	Fu Jia, Adrian Bailey, Bernhardus van Hoof and Ximena I
69	87 Informal flows in waste management and secondary resources mark	Andrea Cecchin	Researcher	Andrea Cecchin	
70	89 How to Develop Green Business Strategies on Micro and SME's? : F	Andrés Acero López	Student	María Catalin	Diana Duarte Gómez, Julia Helena Diaz Ramirez and An
71	90 VALOPES enabling the circular economy in the cloud	Octavio Torres	Researcher	Octavio Torre	Santiago Mujica and Luis Ortega
72	91 End-of-life tires management in Ecuador: an opportunity for a sustai	Andrea Cecchin	Researcher	Andrea Cecch	Michael Davis, Mathieu Lamour and David Jácome Polit
73	92 Methodology proposal to generate learning in community entreprene	Lidia Alejandra Navas Castaño	Student	Lidia Alejandr	María Catalina Ramirez Cajiao
74	93 Eco-efficiency in street lighting	Oswaldo Sanchez Junior	Researcher	Oswaldo San	Sérgio Almeida Pacca
75	95 Analysis of the sustainability of traditional practices of indigenous	NR		Luz Dinora	Yera Acevedo
76	96 EVALUATION OF DIFFERENT MUNICIPAL ORGANIC WASTE MA	Christian Hasenstab	Student	Christian Has	enstab
77	97 Proposal of a conceptual model to integrate industrial ecology princ	Yovana M B Saavedra	Student	Yovana M B	S Kleber Esposto and Aldo R Ometto
78	98 Mapping Industrial Symbiosis in Brazil	Victoria Santos	Researcher	Victoria Santo	Alessandra Magrini
79	99 CSR orientation of large Colombian firms	Fuquene Carlos	Researcher	Fuquene Carlos	
80	101 Closing the loop for post-consumer PET bottles: the case of Darnel	Sandra Milena Pinzón	Student	Santiago Gra	Sandra Milena Pinzón and Diego Romero
81	102 INDUSTRIAL SYMBIOSIS IN DAIRY (SMEs) STATE OF GUANAJU	Gemma Cervantes	Researcher	German Cue	Gemma Cervantes, Arodi Bernal M. and Marina Ramirez
82	103 INDUSTRIAL SIMBIOSIS APPLICATION AT SLAUGHTERHOUSES	Gemma Cervantes	Researcher	Perla I. SÁ	Edith López P., Gemma Cervantes, German Cuevas R. i
83	105 METHODOLOGICAL FRAMEWORK FOR LIFE CYCLE SUSTAINA	Anthony Halog	Researcher	Murilo Pagott	Anthony Halog
84	106 Technical, economic, and environmental feasibility analysis of a sma	NR		Pablo Taddei	
85	107 Life cycle assessment and costing of decentralized wastewater treat	WD	Researcher	Juliana D. Re	Sérgio A. Pacca and Marcelo A. Nolasco
86	108 Principles for Industrial Ecology and WEEE management in the Latin	Yovana M B Saavedra	Student	Yovana M B	S Marco Castro, Valdir Schalch and Aldo R Ometto
87	109 Adapting the Eco-Industrial Development concept to the Caribbean	Weslyne Ashton	Researcher	Suzana Russ	Weslyne Ashton
88	110 Translating Industrial Symbiosis Potential into Capacity Gains for	Urt Mariah Chertow	Researcher	Marian Chert	Peter Hirsch
89	111 Prospects of biochar soil application to reduce the challenges of	fertil Ghasideh Pourhashem	Researcher	Ghasideh Poi	Caroline Masiello and Kenneth Medlock
90	112 Drivers of life style changes toward sustainable consumption. A val	Carlos Trujillo	Researcher	Carlos Trujillo	Juliana Unda
91	113 Do methodological choices really matter in the life cycle assessme	Miguel Brandão	Researcher	Miguel Brandão	
92	114 Metabolic profiles of the economies of the Andean and Central Amer	Zulma Janeth Crespo Marín	Student	Zulma Janeth	Mario Alejandro Pérez Rincón
93	115 INDUSTRIAL SYMBIOSIS IN THE TANNERY LEFARC	WD		Leonela Gabr	Margarita María Dolores Salazar Álvarez
94	116 MOVING TOWARDS A CIRCULAR ECONOMY IN SOLID WASTE	Anthony Halog	Researcher	Anthony Halo	María Isabel Dumlaio-Tan

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Gabarrell, Raúl García, Carles Martínez-Gasol, Víctor Vázquez, Gloria Rodríguez and Rafael Rodríguez

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rt, William Alfonso, Renata Mele and Isaac Dyner Rezonzew

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and Arodi Bernal M.

No	Title	Presenter	Researcher	First author	Co-authors
1	7	The potential use of sugar cane bagasse ash as a supplementary cementitious material to create a model of	Anthony Halog	Researcher	Julio Vargas, Anthony Halog
2	19	Creating a Regional Closed-Loop Waste-to-Food-to-Waste Management System in New York State	WD		Allison Forstr Jennifer Porter
3	23	Improving energy efficiency of buildings metabolism and promoting local food production through integrated	NR		Ana Nadal, Eva Cuerva, Ilena Cerón, Alejandro Josa and Joan Rierade
4	45	Sustainable Modeling by using Unit-Based Sustainability Assessment tool and analytic network process in a Rosa Galleguillos-F	Researcher	Researcher	Rosa Gallegui, Lorenzo Reyes and Eduardo Vyhmeister
5	51	PARTICIPATORY METHODOLOGY FOR ACCESS TO POTABLE WATER IN THE KANGAROO MOTHER	Rocio Acosta	Researcher	Rocio Acosta, Juan Fernando Pacheco, Maria Catalina Ramirez, Stanislas
6	53	IMPLEMENTATION OF AN AUTONOMOUS MONITORING SYSTEM AS IRRIGATION SYSTEMS CONTR	Edison López	Student	Edison López, Franklin Guamushig, Gustavo Bonilla and Cesar Rosero.
7	57	The ecology of algae biofuels: sustainable approaches to large scale cultivation and harvesting of biomass			Sebastiana R, Andrew Beckerman and Jagroop Pandhal
8	58	Integration of assessment methodologies of environmental impacts (LCA, MFA) in industrial processes and	Xavier Gabarrell	Researcher	Esmeralda Ne Xavier Gabarrell Durany, Fabrizio Passarini, Joan Rieradev
9	59	Determination of Endocrine disruptors compounds in São Paulo's water sources using High Performance Li	NR		Kamila Guima, Luciano Monteiro, Grace Cardoso and Marcelo Nolasco
10	60	Land use management for developing sugarcane ethanol in Brazil: a framework to balance carbon savings	Anthony Halog	Researcher	Milton Aurelio, Anthony Halog
11	64	Hydroponic roots vs. synthetic filters as an in-reservoir pre-treatment process for phytoplankton removal: a s	WD		Ana Castro Ci, Michael Chipps, Jocelyne Hughes and Nicholas Hankins
12	70	Probe to measure soil parameters	NR		Sebastian Are, Alba Avila
13	78	Sustainable consumption in Brazilian Solid Waste Policy: for a discursive deconstruction of the concept of s	Sylmara L. F. Gonç	Researcher	Mônica Y. Bie, Sylmara L. F. Gonç, Alves-Dias
14	82	Bamboo and real palm sheaths surface characterization for decorative laminates	NR		Juliana A. Gai, Vanderley M. John
15	88	MIA, a hybrid organization building houses for the rural poor	Francisco Layrisse	Researcher	Francisco Lay, Gerardo Lozano
16	94	Value creation and distribution through sustainable enterprise	Roberto Gutiérrez	Researcher	Roberto Gutiérrez, Ezequiel Reficco
17	100	From the Amazon's Traditional Knowledge to Innovation: An Study of SME Natural Medicines Producers in INR			Lissandro Botelho

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