

<b>ID</b>	<b>Title</b>	<b>Student</b>	<b>Authors</b>
18	An applied tool to evaluate the vulnerability of industrial symbiosis network --based on complex network theory	Yes	Bo Li; Pengcheng Xiang; Mingming Hu; Liang Dong;
31	Taxi Shaing : Sustainable Transportation Systems in New York City	Yes	Mustafa Lokhandwala; Hua Cai;
90	Products of Consumer Convenience – Coffee as a case study in sustainability	No	Andrea Hicks;
120	Drivers of global nitrogen emissions	No	Arunima Malik; Azusa Oita; Jun Lan; Manfred Lenzen;
136	Study on urban water-energy nexus: a case study of Xiamen City, China	No	Jianyuan Lin; Jiefeng Kang;
137	An Experience in Teaching Sustainability with Community Based Learning	No	Andrea Hicks;
144	Mapping competing valorization pathways of biogas feedstocks	No	Dieu Linh Hoang; Christopher Davis; Gerard P.J. Dijkema; Sanderine Nonhebel; Andreas Gassner; Jakob Lederer; Georg Kanitschar; Markus Ossberger; Johann Fellner
146	A Multi-dimensional Analysis of Land Use for Urban Public Transport Systems: the Case of Vienna, Austria	Yes	Matty Janssen; Anna Nyström Claesson; Christian Stöhr; Tom Adawi;
148	Teaching sustainability: Running a MOOC on “Sustainability in everyday life”	No	Matty Janssen; Magdalena Svanström; Rickard Arvidsson;
149	Cross-correlation between impact categories in LCAs of forest biomass-based products	No	Martin Heller; David Allaway; Gregory Keoleian;
152	Food Environmental Footprint Summaries: Translating LCA Literature to Inform Sustainable Materials Management	No	xiaoqing shi; Qiuye Zhao;
155	The evolution analysis for industrial ecological network of Beijing	No	Fan Tong; Chris Hendrickson; Allen Biehler; Paulina Jaramillo; Stephanie Seki
156	Life Cycle Ownership and Social Costs of Alternative Fuel Options for Transit Buses	No	Qian Zhang; Jun Nakatani; Yuichi Moriguchi;
158	Impacts of urban configuration on resource and energy efficiency of water infrastructure in China	No	Valentina Prado-Lopez; Dwarak Ravikumar;
233	Interpretation approaches for comparative technology assessment	No	

262	Using the Lens of Industrial Ecology to Study Climate Migration Issues in Small Island Context	Yes	Yingzhi Tang; Robert Symmes; Yaotian Wu; Simron J. Singh;
269	Does circular economy in construction sector leads to improving environmental performances? A case study of cement concrete demolition waste management	Yes	Marjan Mousavi; Anne VENTURA; Nicolas Antheaume;
274	The role of built stocks in addressing vulnerability to Climate Change on small islands: The case of Grenada	Yes	Robert Symmes; Yaotian Wu; Yingzhi Tang; Simron J. Singh;
280	Spatial, temporal and technological variability in the carbon payback time of wind farms: the case of Northwestern Europe	No	Jessica Loriaux; Zoran Steinmann; Daan Smits; Louise Christine Dammeier; Mark Huijbregts
283	Greenhouse Gas Mitigation in Chinese Industrial Parks by Targeting Energy Infrastructure Stocks	Yes	Yang Guo; Jinping Tian; Marian Chertow; Lujun Chen;
284	A disaggregated study on material footprint of limestone by multi-regional input-output analysis in China	Yes	Tao Wang; Zhoutian Feng; Bing Zhu; Dingjiang Chen;
299	Material flow framework and policy support analysis of solar power system in China	No	Chunli Chu; Jinfeng Qu; Lei Liu; Fangqing Dong; Shengguo Xu
305	Characterization Factors for hydropower production impacts on terrestrial and aquatic biodiversity in Life Cycle Assessment	Yes	Martin Dorber; Francesca Verones; Roel May;
308	Integrating displacement and habitat loss impacts from wind energy on birds and bats in LCA	Yes	Tiago Laranjeiro; Roel May; Francesca Verones;
319	A Preliminary Study on System Dynamics Approach for Industrial Symbiosis in Iron and Steel Complex Industrial Systems	Yes	Raphaël Norbert; Junbeum Kim; Gerard GRIFFAY;
320	Gamification and serious games applied to industrial symbiosis	No	Julien Beaulieu; Jennifer Pinna; Pascal Nataf;
322	Industrial Symbiosis as a mean to improve competitiveness and sustainability of Iron and Steel industry	Yes	Raphaël Norbert; Junbeum Kim; Gerard GRIFFAY;
325	Life-Cycle Systems Analyses of the Dairy-Energy-Water Nexus	Yes	Courtney Grant; Andrea Hicks;
331	To buy an e-car or to use public transportation?: Unlocking the potential of freedom and well-being to support green lifestyles	Yes	Rita Vasconcellos Oliveira;
337	Tragedy of the Commons- Kinesthetic Electromagnetic Compatibility Spectrum Sustainability Education	No	Jerry Meyerhoff; Sandy Rotter;

344	Marginal Emission Factors for U.S. Electricity System Considering Renewables: a case study of the Midcontinent Independent System Operator (MISO) system	No	Mo Li; Tim Smith; Yi Yang; Elizabeth Wilson;
351	Reuse potential of major waste flows in the global paper system	Yes	Stijn van Ewijk; Marian Chertow; Jooyoung Park;
355	Scaling Laws in Water and Waste Metabolism of Brazilian Cities	Yes	Joao Meirelles; Franziska Meinherz; Claudia R Binder;
365	Life Cycle Assessment of Nanosilver-Enabled Food Storage Containers	Yes	Edward Westerband; Andrea Hicks;
377	Using a hybrid of green chemistry and industrial ecology to make chemical production greener: practices in a Chinese chemical industrial park	No	Jinping Tian; Qiao Hao; Lujun Chen;
387	Assessing a physical dimension of Lao economy through material flow analysis	Yes	Xaysackda VILAYSOUK; Shinsuke Murakami; Heinz Schandl;
392	Exploring regional unbalance carbon tax price comparing Liaoning province and rest of China	Yes	Zhaoling Li; Lu Sun; Hancheng Dai; Helmut Yabar;
413	Urban consumption hotspots: Hybrid MFA-LCA to identify high-impact product types for targeting policies	Yes	Alexandra Lavers; Yuliya Kalmykova; Leonardo Rosado; Felipe Oliveira; Rafael Laurenti
414	Examining how prebound and rebound effects complicates the aggregated energy savings in the Norwegian dwelling stock from 1960 to 2050	Yes	Magnus I. Vestrum; Nina Holck Sandberg; Alexander Borg; Helge Brattebø;
418	Cost optimal decarbonisation trajectories for the global chemical sector: A multi-regional TIMES model	Yes	Peter Levi; Jonathan Cullen;
420	ABC Analysis Applied to Sustainability Using LCA for CO2 Estimation	Yes	Julianna Crippa; Leticia Boeing; Ana Paula Caparelli; Marienne Costa; Sérgio Scheer
425	Assessing trade-off issues in circular economy	Yes	Geoffrey Lonca; Manuele Margni; Sophie Bernard; Anders Bjørn;
428	Vehicle Fuel Economy and the Rebound Effect—An Analysis of Efficiency	Yes	James Mahoney; Andrea Hicks;
442	Taking the stock of industrial ecologists	Yes	Gang Liu; Maud Lanau;
444	Evaluation of Data Quality and Reliability for Chemical Hazard Assessment: A Case Study on Organic Photovoltaic Polymers	No	Haoyang He; Yadira Gutierrez; Thomas Young; Julie Schoenung;
449	Comparing technical and biological cycles in the circular economy: Using life cycle assessment to frame product options	Yes	Jingxi Li; Edis Glogic; Steven B Young;

451	A study on Maturity Level in Energy Management in Energy-Intensive Industries: from an Industrial Symbiosis Perspective	Yes	Yuanjun Chen; Yongjiang Shi;
452	Exploring a Policy Framework for Technology Development in Mapping the Energy-mix in Indonesia	No	Remi Chandran; Minoru Fujii; Tsuyoshi Fujita; Shuichi Ashina; Retno Gumilang Dewi
463	Design of combined sugar and bioethanol production based on integrated modeling of agricultural and industrial processes	Yes	Kotaro Ouchida; Yasuhiro Fukushima; Satoshi Ohara; Tatsuya Okubo; Yasunori Kikuchi
475	CO2 metabolic flow analysis in global trade based on ecological network analysis	No	Yaoguang Li; Yan Zhang; Hongmei Zheng;
499	Environmental impact assessment of annual e-book and paper book reading activity: A case with readers in the United States	No	Eri Amasawa; Tomohiko Ihara; keisuke hanaki;
510	A map of urban metabolism studies: A review of research aims, methods and insights	Yes	Franziska Meinherz; Joao Meirelles; Claudia R Binder;
526	Temporal and spatial patterns of energy use efficiency and greenhouse gas emissions in crop production of Anhui Province, China	No	Huijun Wu;
529	Closing material loops – the case of plastic recycling from household waste	Yes	Marie K. Eriksen; Anders Damgaard; Alessio Boldrin; Thomas F. Astrup;
537	Possible bias in LCA results as a consequence of scope specificity and data choices	Yes	Trine Henriksen; Anders Damgaard; Thomas F. Astrup;
547	Biomass and Energy Metabolism of Canada from 1990 to 2011: Is there a case for a Circular Economy?	Yes	Abdullah Toseef; Simron J. Singh;
553	Water-Smart Urban Landscape Design: Plant Organization Patterns and Water Budget of a Green Roof	No	Colleen Zumpf; Cristina Negri; Jules Cacho;
558	Life cycle analysis of land management practices to reduce GHG emissions for corn stover ethanol production	No	ZHANGCAI QIN; Christina Canter; Jennifer Dunn; Steffen Mueller; Ho-young Kwon
565	How circularity of the global economy changed from 1900 to 2010	No	Willi Haas; Fridolin Krausmann; Dominik Wiedenhofer; Christian Lauk;
572	Developing scenarios for future soil carbon loss due to global land use change trends	No	Tiago Morais; Ricardo Teixeira; Tiago Domingos;
573	Characterizing and Modeling Emerging Regional Food Waste-to-Energy Systems	Yes	William Armington; Callie Babbitt; Roger Chen;

577	Lessons on Responsible Consumption of Resources from a Developing Country: Environmental LCA of Cataract Surgery in India	No	Cassandra Thiel; Emily Schehlein; Thulasiraj Ravilla; R.D. Ravindran; Alan Robin
582	Enhancing the understanding and practice of circular economy and related methods on interrelationships among environmental sustainability, food systems and human diet through systems thinking approach	Yes	Tianchu Lu; Anthony Halog;
591	Sensitivity of electric vehicle benefits to usage patterns: A lifecycle analysis from energy efficiency perspective	Yes	Shahana Althaf; Callie Babbitt; Zaid Thanawala; Nenad Nenadic;
595	Life cycle assessment-based selection of a sustainable lightweight automotive engine hood design	No	SUN XIN;
596	Shared Autonomous Vehicle Systems: How Many Autonomous Vehicles Are Needed and What Are the Sustainability Implications	Yes	Ruoxi Wen; Hua Cai;
619	Promote the coupling of urban recycling system and industrial symbiosis in China	No	Huijuan DONG;
620	How Much Attentions Do Consumers Pay on Ecolabels? -- A Case Study of Real-World Grocery Shopping using Eye-Tracking Glasses	Yes	Li Song; Hua Cai;
621	Know Your Carbon Footprint: Calculator Comparison and Preference Survey	No	Kathy Machaj; Joshua Deanes; John Mulrow; Sybil Derrible;
630	Potentials of Construction and Demolition Waste Recycling to Mitigate the GHGs and Save Land Resource in China	No	Huabo Duan; Jiayuan Wang; Gang Liu;
643	Analysis of environmental consciousness of consumers on purchasing electronic products using Web-based surveys	No	Dami Moon; Nana Ishikawa; Jun Nakatani; Masahiko Hirao;
644	Sustainable consumption and production of food products considering packaging effects	Yes	Naoki Yokokawa; Hirokazu Sugiyama; Masahiko Hirao;
656	A regional empowerment by industrial symbiosis involving agriculture and forestry: A case study of remote island in Japan	No	Yasunori Kikuchi; Kazutake Oosawa; Yuichiro Kanematsu; Kotaro Ouchida; Miwa Nakai
657	Reveal the environmental benefits of new pattern of pulp making: analysis of straw-based pulp making	No	Mingxing Sun; Lei Shi; Yutao Wang;
660	Characterizing Copper Flows in International Trade of China, 1975-2015	No	Ling ZHANG; Zengwei Yuan;

662	Finding potential improvements across global environmental footprints of Swedish consumption with Environmentally Extended Multi-Regional Input-Output analysis	No	Bertram F. de Boer; Joao F. D. Rodrigues; Arnold Tukker;
667	Environmental impacts analysis of air pollutants resulted from magnesia refractory products	No	Jing An;
668	Energy Metabolism of Grenada: Potentials for a Sustainability Transition	Yes	Yaotian Wu; Yingzhi Tang; Robert Symmes; Simron J. Singh;
669	Evaluation of the plastics packaging waste management system in Austria through material flow analysis and life cycle assessment.	Yes	Emile Van Eygen; David Laner; Johann Fellner;
673	Revisiting the models for estimating the end-of-life generation of consumer durables	No	Masahiro Oguchi;
681	Building Information Modeling Facilitated Life Cycle Assessment and Life Cycle Costing	Yes	Xining Yang; Mingming Hu; Jiangbo Wu; Bin Zhao;
683	Study of lead flows and stocks in China for 2000-2030	Yes	Wei Liu; Jinping Tian; Lujun Chen;
685	Environmental and Economic Assessment in the End of Life Options of LED Bulbs	No	SM Rahman; Junbeum Kim;
686	Allocation Choices in Integrated Life Cycle Assessment and Life Cycle Costing for Demolition Waste Management	No	Mingming Hu; Brenda Miranda-xicotencatl; Diana Ita-nagy; Valentina Prado-Lopez;
694	Context dependency of Open Space in life cycle sustainability assessment	No	Tomas Ekvall; Michael Martin;
697	Islands and seasonal tourist settlements - Improving the environmental profile of urban wastewater infrastructure	Yes	Anna Petit-Boix; Alejandro Josa; Xavier Gabarrell Durany; joan rieradevall; Defne Apul
702	A Potential Co-benefit of Industrial and Urban Symbiosis between Waste Heat Sources and Sinks in Ulsan Metropolitan City, Korea	No	HUNG SUCK PARK; Hyeong-Woo Kim; Angelo Earvin Sy Choi; daye lee;
706	Analysis of sectoral and regional carbon footprint based on regional input-output analysis- A case study of Tokyo, Japan	Yes	Long Yin; Yoshida Yoshikuni;
708	Handprint and Footprint of Growing Food in the Cities	No	Defne Apul; Cyndee Gruden; Steve Burian; Xavier Gabarrell Durany; Alejandro Josa
710	Trade patterns and environmental footprints of global production network for textiles	Yes	Ya'nan Ren; Lei Shi;
716	Energy versus exergy: An empirical analysis of thermodynamic metrics at the macro scale	No	Samuel Cooper; Geoffrey Hammond; Jonathan Norman;

717	A framework for environmental life-cycle screening	Yes	Christine Roxanne Hung; Linda Ager-Wick Ellingsen; Guillaume Majeau-Bettez; Anders Hammer Strømman;
718	Cradle-to-gate assessment of three types of lithium ion batteries	No	Linda Ager-Wick Ellingsen; Christine Roxanne Hung; Anders Hammer Strømman;
719	Framework of principal guidelines for improved valorization of heterogenic industrial residue products	Yes	Tharaka Gunaratne; Joakim Krook;
722	Life-cycle assessment of the Norwegian waste-to-energy sector: Current situation, implications of carbon capture and storage and circular economy	No	Carine Lausset; Francesco Cherubini; GABRIEL OREGGIONI; Gonzalo del Alamo Serrano; Michael Becidan
724	Towards transition to smart eco-industrial park: governance innovation based on social network theory with a case study in China	Yes	Zhaowen Liu; Liang Dong; Mingming Hu; Pengcheng Xiang;
729	Mechanical Biological Treatment of Municipal Solid Waste in China: Life Cycle Assessment, Application Prospect and Policy Suggestions	No	Fan Fei; Zongguo Wen; Djavan De CLERCQ;
734	Analyzing Impact Factors and Resources Consumption Index of Public Building: A Case Study of People's Bank of China	Yes	Tong Xu; Chunyan Zhu; Longyu Shi; Jianyi Lin; Lijie Gao
740	BioGas to BioRefinery. Life Cycle Analysis of advanced utilisation options for anaerobic digestion using the Biorefinery concept.	No	Robin Curry; Maria Perez Camacho;
742	Applying ex-ante LCA for the assessment of emerging technologies – a critical survey of case studies	No	Coen Van der Giesen; Jeroen Guinée; Gert Jan Kramer;
743	A novel dynamic model that evaluates soil and groundwater sustainable remediation schemes that consider carbon and water footprint.	No	Aspasia Kalomoiri; Washington Braida; Agamemnon Koutsospyros;
745	Particulate Matter (PM) Footprint and Human Respiratory Impact by Industrial Sectors and Regions in South Korea	No	Junbeum Kim;
747	Nutrient balance in hydroponic crops. The case of phosphorus in a vertical farming crop	Yes	David Sanjuan-Delmás; Mireia Ercilla-Montserrat; joan rieradevall; Pere Muñoz; Alejandro Josa

751	Revisit and clarify LCA terms, guidelines and documentation	No	Hongtao Wang; Li Zhang; Zhilan Jiang; Sijing Xiang; Jing Zhang
752	A new approach of the underestimated consequences of mining sector water use in the LCA inventory data	No	Xavier Gabarrell Durany; Maria Christina Fragkou; Teresa Vicent Huguet;
758	Parametric Life Cycle Assessment for Evaluating the Economic and Environmental Trade-offs of Medium- and Heavy-Duty Vehicles Electrification	No	Dong-Yeon (D-Y) Lee; Valerie Thomas;
759	Environmental impacts of stormwater management and pollutant discharges	No	Sarah Brudler; Karsten Arnbjerg-Nielsen; Michael Hauschild; Martin Rygaard;
763	Dealing with product assessment in circular economy: the case of alkaline battery recycling	Yes	Edis Glogic; Steven B Young; Guido Sonnemann;
773	Estimating the potential amount of fluorocarbons in end-of-life products generated in Asian developing countries	No	Masahiro Oguchi; Atsushi Terazono; Tatsuya Hanaoka;
777	Regional variability and Uncertainty in the environmental-economic comparative analysis of electric vehicles and conventional vehicles in the United States	Yes	Fan yang; Chris Yuan;
782	Cadmium emission inventory at town level	Yes	Xuwei Liu; Zengwei Yuan;
786	Understanding the effects of paper recovery and recycling through a consequential approach	No	Jiyoun Chang; Weitong Liu; Jonathan Krones; Elsa Olivetti;
789	Materials in Germany's building stock: calculation model data and uncertainties	No	Georg Schiller; Karin Gruhler; Regine Ortlepp;
791	A System Dynamics modeling of algal biomass for energy production using industrial and municipal waste streams: Techno-economics and Carbon footprint analysis.	No	Aspasia Kalomoiri; Washington Braidia; Agamemnon Koutsospyros;
794	Individual choices influence on value chain sustainability	Yes	Gaëlle Petit; Gwenola Yannou-le Bris; Gilles Trystram;
799	Dynamic and static Life Cycle Assessment of two green buildings using real-time energy data	No	William Overton Collinge; Amy E. Landis; Melissa M. Bilec;
805	Industrial and urban metabolism: complex patterns and policy implications	No	Lei Shi; Hui Zhang; Yang Li; Huajun Yu; ye liu
806	A Virtual Platform to Evaluate Policy Scenarios Targeting Environmental Impacts from Household Consumption	Yes	Andreas Froemelt; Niko Heeren; René Buffat; Stefanie Hellweg;



810	Nitrogen flow analysis in semiconductor industry	Yes	Kiwamu Katagiri; Kazuyo Matsubae; Tetsuya Nagasaka; Hongtao Wang; Li Zhang;
811	eFootprint: web-based tools and database for LCA study and education online	No	Zhilan Jiang; Jing Zhang; Sijing Xiang
812	Local Material and Energy Flow Analysis for the Region of Waterloo, Canada	Yes	Arunkumar Senthilnayagam; Simron J. Singh;
818	Statistical uncertainty modeling of nitrous oxide emissions for winter barley life cycle greenhouse gas estimation	Yes	Saurajyoti Kar; Bahar Riazi; Patrick Gurian; Sabrina Spatari; Paul R Adler
837	THE FRACTAL ANALYSIS: AN INDUSTRIAL ECOLOGY TOOL	Yes	Pierre-Alexandre Guillemette;
838	Documenting the Sustainability of Lithium-Ion Batteries	No	Qiang Dai; Jennifer Dunn; Linda Gaines; Jarod Kelly;
845	Design of a Phasic Feedback System for Encouraging Residential Water Conservation	No	Nick Benzoni; Cassandra Telenko; Richard Catrambone;
853	Exploring the economic viability of coal ash as a source of rare earth metals	No	Saptarshi Das; Eric Williams; Gabrielle Gaustad;
854	Agent-based Life Cycle Assessment: A scenario-based approach for integrated life cycle inventory and impact assessment	No	Ricardo Teixeira; Tiago Morais; Tiago Domingos;
856	Consequential Life Cycle Assessment of semi-natural and sown biodiverse pastures in Portugal including spatial land use and biodiversity impact assessment	No	Tiago Morais; Tiago Domingos; Ricardo Teixeira;
858	MFA towards Application in Planning – Methodological Requirements	No	Georg Schiller; Tamara Bimesmeier; Clemens Deilmann; Regine Ortlepp;
866	Embodied and In-Use Energy of Dwellings Versus Dwelling Size	No	Rolf André Bohne;
873	Ensuring Reliability in Coupled Water and Electricity Infrastructure Systems Under Increasing Temperatures	No	Emily Bondank; Mikhail Chester; Daniel Burillo; Benjamin Ruddell;
874	Small Commercial's Big Problem: disaggregating whole building energy bills	Yes	Kevin J. Ketchman; Melissa M. Bilec;
876	Enhancing Operational Flexibility in a Transmission Network with Employing Utility Microgrids to Promote System Structural Resilience	No	Yasser Yasaei; Nathan Johnson;
881	Benefits of additional mercury emission abatement of global coal power plants	Yes	Christopher Oberschelp; Stephan Pfister; Stefanie Hellweg;

884	Improving firm governance on the sugarcane industry in Mesoamerica: Actor-specific impacts of sugar production	No	Lloyd Rivera; Tim Smith; Taegon Kim; Jennifer Schmitt;
887	A framework for municipal solid waste management supporting measures towards sustainability: The case of Belo Horizonte	No	Witold-Roger Poganietz; Maryegli Fuss;
888	Examining Interfirm linkages in Bangladesh Export processing zones: opportunities and future strategies for Bangladesh	No	SM Rahman; Junbeum Kim;
894	PNSI: an experimentation of industrial symbiosis implementation in France	No	Sabrina Brulot; laurent georgeault; Adrian Deboutière;
897	A conceptual framework proposal for understanding IS emergence	Yes	Maël JAMBOU; Sabrina Brulot; André Torre;
898	Assessing carbon impacts of heating in an urbanizing world – spatial and temporal scales and the systems view	No	Erik Ahlgren; Akram Sandvall; Tomas Ekvall;
899	Environmental evaluation of water efficient management in Danish food industry and urban storm water management by use of Eco-efficiency	No	Berit Godskesen; Julie Skrydstrup; Martin Rygaard;
902	A qualitative survey of households' lifestyle and energy consumption in Thailand	No	Aya Yoshida; Midori Aoyagi;
904	Co-Product Allocation for Spent Mushroom Substrate in Mushroom Production	Yes	Bethany Robinson; Dr. Kiara Winans; Alissa Kendall;
905	Considering Energy, Water, and Structural Resilience of Buildings in a Life Cycle Assessment Framework	No	Vaclav Hasik; Jaskanwal Chhabra; Gordon Warn; Melissa M. Bilec;
914	The SustUrbanFoods project: challenges in accounting for the sustainability of complex productive landscapes	No	Esther Sanyé-Mengual; Giorgio Gianquinto;
917	Life-cycle assessment methods for zero emission neighbourhood concepts	Yes	Carine Lausset; Anders Hammer Strømman; Annemie Wyckmans; Helge Brattebø;
922	Framework for assessing development of nexus between raw material use and infrastructure performances	Yes	Akiyuki Masuda; Shinsuke Murakami;
925	Using Big Data to upscale industrial symbiosis in planning policies : Case of a framework construction in France	No	laurent georgeault; Adrian Deboutière;

926	GHG emissions reductions linked to introducing electric vehicles in the city of Lima (Peru)	No	Úrsula Cárdenas Mamani; Ramzy Kahhat; Ian Vázquez-Rowe; Samy Garcia;
935	The potential for utilizing recoverable industrial waste heat in urban district energy systems at the city level: method development and application to Chinese cities	Yes	Kangkang Tong; Andrew Fang; Huajun Yu; Yang Li; Lei Shi
942	Materials stock estimate of residential buildings in Gothenburg, Sweden.	Yes	Paul Gontia; Leonardo Rosado; Yuliya Kalmykova;
943	Feasibility of Critical Metal Extraction from Secondary Sources	Yes	Alexandra Leader; Gabrielle Gaustad;
951	Life Cycle Environmental Impacts of Renewable Diesel from Poultry Fat Waste	Yes	Bahar Riazi; James Mosby; Byron Millet; Sabrina Spatari;
959	Using Technology Choice Models to Understand the Environmental and Economic Consequences of Climate Change on Electricity Generation in the United States	No	Joseph Bergesen; Arne Kätelhön; Sangwon Suh;
965	Methodology to evaluate the impact of fine chemicals manufacturing: an example from organic photovoltaic materials	Yes	Eunsang Lee; Cameron Andrews; Annick Anctil;
969	Emissions from capital embodied in trade	Yes	Carl-Johan Södersten; Richard Wood; Edgar G Hertwich;
972	Historical trends in the delivery of energy services of passenger transport and space heating	No	Jonathan Cullen; Matteo Craglia;
982	The other side of urban food metabolism: food flows and their governance at a mid-sized city level	No	Pauline Marty;
1001	Are there water and greenhouse gas emissions co-benefits to city-scale food system actions? Exploring coupled water and GHG footprinting of future urban food scenarios	Yes	Dana Boyer; Anu Ramaswami;
1012	LCIs in the health sector: The Case for Better Emissions Data	No	Cassandra Thiel; Matthew Eckelman; Jodi Sherman;
1015	Carbon and water footprint of corn-intensive industry considering spatially explicit supply and demand	No	Taegon Kim; Jennifer Schmitt; Tim Smith; Rylie Pelton; Andrew Goodkind
1016	A Spatial Analysis of Transportation and Socioeconomic Characteristics: Accessibility to Farmers Markets in the Twin Cities	Yes	Justine Oesterle; Peter Nixon; Gianna Short; Hikaru Peterson; Anu Ramaswami

1019	Differential urban metabolism of Cape Town: understanding resource implications of informal settlement upgrading	No	Josephine Kaviti Musango; Paul Currie;
1021	Characterizing the spatial and temporal patterns and understanding the effect of social and infrastructural factors on open burning of municipal solid waste (MSW) in Indian cities	Yes	Ajay Nagpure; Navneet Kaur Baidwan; Armistead Russell; Anu Ramaswami;
1028	An Artistic Take on Embodied Resources	No	Matthew Eckelman; Michelle Laboy;
1036	Closing the loop in office demolition waste – addressing waste through collective action	No	Blake Lindley;
1041	Environmental Impacts of Holiday Gift Giving of Books and Movies	No	Benjamin Shaffer;
1043	International material flow analysis of batteries and electronic scraps in Asia	No	Atsushi Terazono; Masahiro Oguchi;
1054	Towards an inclusive circular economy: quantifying contribution of informal sector to e-waste recycling in China	No	Xin Tong;
1062	A bottom-up approach to enhance environmental sustainability reporting-evidence from the UK and USA construction sector	No	Oliver Heidrich; Seema Alim; Abhishek Tiwary;
1066	Second Life Potential and Environmental Benefits of EV batteries as Fast Charging Enablers	Yes	Dipti Kamath; Renata Arsenault; Hyung Chul Kim; Annick Anctil;
1072	How distant are consumers from their environmental footprints and economic benefits?	No	Stephan Pfister; Michalis Hadjidakou; Thomas Wiedmann;
1087	Environmental Benefits of Robotaxi Fleet	Yes	Morteza Taiebat; Ming Xu;
1092	Life Cycle Assessment of Carbon Fiber Composites for Use in Automobile Manufacturing.	Yes	Tapajyoti Ghosh; Bhavik Bakshi; Hyung Chul Kim; Robert De Kleine; Timothy J. Wallington
1099	BEEF: Building stock Energy Efficiency model for Switzerland	Yes	René Buffat; Niko Heeren; Andreas Froemelt; Stefanie Hellweg; Martin Raubal
1110	Emissions and its driving forces of China's provincial capital cities	Yes	Yuli Shan;
1112	Industrial ecology in the early childhood education sector: a case study of organic resources recycling and awareness.	No	Timothy Baynes; Samantha Grant-vest; Dimitra Nikoloulas;

1114	Visualizing Energy Consumption Relative to Building Attribute Information for 1.3 Million Single Family Homes in Los Angeles County	No	Eric Fournier;
1123	Life Cycle Scenario Analysis of Water Circulation System: A Case Study on a University Research Building	No	Naoki Yoshikawa; Toshiyuki Shimizu; Koji Amano; Jun Nakajima;
1124	A New Insight into Industrial Symbiosis Dynamics: A Conceptual framework	Yes	Hanmin Huang; Yongjiang Shi;
1127	Eco-efficiency of phosphorus resource use in agriculture	Yes	Akane Nogi; Jan Mizgajski; Liselotte Schebek; Seiji Hashimoto;
1131	Decision Tree Analysis of Residential Water Use in the United States	Yes	Peter Cairo; David Klawitter; Sybil Derrible;
1135	What makes environmental research influential?	Yes	Jessica Perkins; Sangwon Suh;
1144	Life Cycle Assessment of 4 Different Sweaters	No	Sarah Nolimal; Christie Klimas;
1151	A Three-Dimensional Model to Facilitate Industrial Eco-Transformation Based on A Case Study in A Chinese Industrial Park	Yes	Jingyao Gu;
1153	Life Cycle Assessment of Technology Options for Printing on Flexible Packaging: Indigo 20000 Digital Press vs. Conventional Flexographic and Rotogravure Printers	No	Nathan Ayer; Tom Etheridge; Lise Laurin;
1157	Sustainable Management of Urban Bio-waste: a Case Study in East China	No	Fan Fei; Zongguo Wen; Djavan De CLERCQ;
1165	Adaptive Environmental Regulation Covering the Hidden Actors -- A Case Study of the Informal Recyclers for Lead Acid Battery in China	No	Xufeng Zhu; Chao Zhang; Jing Zhao;
1166	Life cycle assessment of microbial desalination cell system	Yes	Jingyi Zhang; Yelin Deng; Yuanchun Zha; Chris Yuan;
1169	A NONLINEAR MECHANISTIC SUBSTANCE FLOW MODEL FOR GLOBAL PHOSPHORUS – SENSIVITY TO INTERVENTIONS FOR CONSERVATION	No	David Vaccari; Xin LIU; Steven Powers;
1171	A NONLINEAR EMPIRICAL SUBSTANCE FLOW MODEL FOR TUNGSTEN IN THE USA - ANALYSIS OF BEHAVIOR	No	David Vaccari; Rachel Watson; Briana Nieradka;
1174	Estimation of environmental and economic effects of integrating municipal solid waste incinerators in a Japanese region	No	Rokuta Inaba; Tomohiro Tasaki; Minoru Fujii; Naohisa Yamaguchi;

1175	Method development in EEIO – novel advances and best practices	No	Thomas Wiedmann; Richard Wood; Alexandra Penedo De Sousa Marques; Joao F. D. Rodrigues; Keisuke Nansai
1180	Food Desert Emergence: A Model Towards a Means	Yes	Joe Bozeman III; Thomas Theis;
1190	Aggregating the Impact of Natural Aggregates	No	T. Reed Miller; Edgar G Hertwich;
1195	Creating Land by Materials in China	No	Weiqiang Chen; Jia-Jia Li;
1206	Emission prediction from mobile sources for Ulaanbaatar	Yes	Bayasgalan Batjargal; Toru Matsumoto;
1214	Greenhouse Gas Emissions analysis of household consumption : a case study of Xiamen City, China	Yes	Shenghui Cui; Xiaomei Yan; Lilai Xu; WEI HUANG; Yuanchao Hu
1216	Metal Footprint in a Global Context: A Time-series Analysis	Yes	Xinzhu Zheng; Ranran Wang; Richard Wood; Edgar G Hertwich;
1221	Roads for Urbanization – a Material Flow Perspective	No	Georg Schiller; Tamara Bimesmeier; Yen Tran Viet;
1223	How the transitions in construction material and metal industry impact on CO2 emissions in China: from an inter-sectoral linked perspective	No	Xin Tian; Shangwei Liu;
1226	Waste Informatics in Industrial Ecology	No	Jon Powell; Marian Chertow;
1227	A data mining approach for predicting energy consumption for commercial buildings in the US	No	Qingshi Tu; Danyu Li;
1228	Tracking Virtual Reactive Nitrogen Footprint in China	Yes	Miaohong YANG; Shenghui Cui; Yuanchao Hu; Bing Gao; Qianhu Zhang
1236	Economic and employment impact assessment of electric vehicle development in China	Yes	Yanxia Li; Wenjia Cai; Can Wang;
1241	Data and uncertainty analysis in process-based life cycle inventory (LCI) databases that are designed for matrix-based LCA models	Yes	Xiaoju Chen; Michael Griffin; Brandon Kuczenski; Eric Williams; Scott Matthews
1270	Carbon Mitigation Potential and Capacity Value of Grid-Scale Energy Storage Systems for Peak Load Shifting	Yes	Bhuvan Neema; Jeremiah Johnson;
1272	The potential value of flexibility in rail transportation fuels	No	Ryan Murphy-Snow; Daniel Hoornweg; Glenn Harvel; Jennifer McKellar;
1273	Reduce, Reuse, Recycle: A case study of 3Rs in India's Iron and Steel Industry	Yes	Simran Talwar;

1286	Infrastructure Transitions for Sustainable Healthy Cities in US, China & India: 2. Urban-Industrial Symbiosis Solutions	No	Andrew Fang; Shenghui Cui; Lei Shi; Marian Chertow; Kangkang Tong
1295	Development of a decision support tool for municipal solid waste management in India	Yes	Dhivya Ravikumar; Randolph E. Kirchain; Jeremy Gregory;
1297	A consistent conceptual framework for applying climate metrics in technology life cycle assessment	No	Dharik Mallapragada; Bryan Mignone;
1304	Framework for Using LCA to Inform Corporate Strategy	No	Shannon Lloyd; Raymond Paquin;
1309	The Effects of Climate Change on Puebla: Assessing Community Metabolism and Economic Impacts on Energy infrastructure.	Yes	Irais Vazquez; Abel Chávez;
1312	Assessment of the urban water system with an open, reproducible process applied to Chicago	No	Laura Erban;
1313	QUANTIFYING THE SOCIAL EFFECTS OF GLOBAL TRADE USING MULTI-REGIONAL INPUT-OUTPUT ANALYSIS	No	Joy Murray; Arunima Malik; Arne Geschke;
555	What matters in the environmental performance of campus buildings? Interactions of building envelope, energy systems and user behavior	Yes	Peter Berrill; Edgar G Hertwich;
#	Co-Benefit of Reduced Food Loss in Urban FEW Systems		Yuanchao Hu, Miaohong Yang, Bing Gao and Shenghui Cui