

21st June, Wednesday

Parallel Session 1: 10.30 - 12.00

Ecological economics in sustainability and degrowth transformations - Room 236

Chair: Mladen Domazet

Presenting Author	Abstract Title	Authors
Christina Plank	Degrowth and food sovereignty in CEE	Christina Plank
Birte Strunk	Nature and Care from a Degrowth Perspective	Birte Strunk, Corinna Dengler
Erika Ohlund	Scenarios for sustainable agriculture in a degrowth Sweden 2050	Erika Ohlund
Gergely Tóth	The first natural limit to GDP	Gergely Tóth, Cecilia Szigeti, Zoltán Pogátsa

Parallel Session 1: 10.30 - 12.00

Studying social-ecological systems: bringing together diverse disciplines, knowledges and instruments - Room 238

Chair: Eszter Krasznai Kovács

Presenting Author	Abstract Title	Authors
Eszter K Kovacs	Divergent theories of change between farmers and conservationists: lessons from a year without green subsidies in Hungary	Eszter K Kovacs, Agnes Kaloczkai
Niklas Möhring	Pesticide use: application behavior, patterns and their determinants	Niklas Möhring, Robert Finger
Finn Müller-Hansen	Socio-ecological feedbacks in tropical deforestation and land-use intensification - an agent-based modeling approach	Finn Müller-Hansen

Parallel Session 1: 10.30 - 12.00***Health and well-being: whose health, whose well-being, whose rights and whose capabilities? - Room 322****Chair: György Pataki*

Presenting Author	Abstract Title	Authors
Andrea Höttl	Energy Poverty, Health and Sustainable Housing: A Case Study in Austria	Andrea Höttl
Géraldine Thiry	Incorporating Environmental and Natural Resources within Analyses of Multidimensional Poverty	Géraldine N.M. Thiry, Sabina Alkire, Judith Schleicher
Antonios Kolimenakis	On urban trends, health and mosquitoes; The evaluation of welfare levels for the control of the Asian tiger mosquito in the city of Athens.	Antonios Kolimenakis, Kostas Bithas, Dionysis Latinopoulos

Parallel Session 1: 10.30 - 12.00***(SpS) Positive uncertainties in megaproject evaluation - Room 326****Chair: Markku Lehtonen*

Presenting Author	Abstract Title	Authors
Markku Lehtonen	Contribution of institutionally-oriented ecological economics to the 'opening up' of megaproject evaluation	Markku Lehtonen
Anne Bergmans	How stakeholder and citizen participation influences evaluation criteria for megaprojects: The case of the Belgian LILW repository	Anne Bergmans
Ed Atkins	Mega-project assessments as a counter-hegemonic tool: Evidence from the Belo Monte and Tapajós hydroelectric complexes	Ed Atkins

Parallel Session 1: 10.30 - 12.00		
<i>(SpS) Putting sustainable nutrition in the catering sector forward – Insights from the project NAHGAST - Room 328</i>		
<i>Chair: Nina Langen</i>		
Presenting Author	Abstract Title	Authors
Nina Langen	Displaying sustainability related information on meals – The role of design and information depth from a consumer’s perspective	Nina Langen, Mounaim Rhozyel, Christine Göbel, Melanie Speck, Tobias Engelmann, Holger Rohn, Petra Teitscheid
Nina Langen	Interventions to guide consumers towards sustainable nutrition out of home – the perspective of caterer vs. guests	Nina Langen, Emily Bauske, Ricarda Dubral, Christine Goebel, Melanie Speck, Tobias Engelmann, Petra Teitscheid, Holger Rohn
Katrin Bienge	Usefulness of two indicator sets for sustainable out-of-home meals	Katrin Bienge, Melanie Speck, Holger Rohn, Christa Liedtke, Michael Lettenmeier, Tobias Engelmann

Parallel Session 1: 10.30 - 12.00		
<i>(SpS) Developing consistent theory for social ecological economics – where do we stand? - Room 330</i>		
<i>Chairs: Elke Pirgmaier, Tone Smith</i>		
Presenting Author	Abstract Title (in order of presentations)	Authors
Arild Vatn	Institutional economics – the economics of ecological economics	Arild Vatn
Elke Pirgmaier	Explaining social ecological crises and dynamics. The contribution of Marx and eco-Marxists to theory development in ecological economics	Elke Pirgmaier

Parallel Session 1: 10.30 - 12.00***Social metabolism and systems approaches (ecological macroeconomics, consumption-production and social-ecological systems) - Room 334****Chair: Nuno Videira*

Presenting Author	Abstract Title	Authors
Vincent Liegey	Exploring a Degrowth project through participatory prospective modeling	Vincent Liegey, François Briens, Nadia Maïzi
João A. A. Santos	Investigating the relationships between economic growth and the primary, final and useful stages of energy transformation in economies: Portugal 1960-2009	João A. A. Santos, Tiago M. D. Domingos, Tânia A. S. C. Sousa, Miguel P. B. St. Aubyn
Tiina Häyhä	Operationalising the concept of planetary boundaries	Tiina Häyhä

Parallel Session 1: 10.30 - 12.00***Strategies for transformation to a low carbon economy - Room 336****Chair: Mária Csutora*

Presenting Author	Abstract Title	Authors
Ganna Gladkykh	Conceptualizing a Steady-State Energy System: Identifying Feedbacks, Causalities and Controversies	Ganna Gladkykh, Nathalie Spittler, Brynhildur Davíðsdóttir
Emilia Melville	Design principles for democratic, commons-based polycentric governance of energy systems in the UK	Emilia Melville, Ian Christie, Kate Burningham, Phil Hampshire
Philip A Lawn	How climate change mitigation and damage costs have been incorrectly calculated and grossly underestimated	Philip A. Lawn
Paul E Brockway	Measuring EROI (energy return on investment) on a national level using an Input-Output framework	Paul E. Brockway, Lina Brand Correa, Anne Owen

Parallel Session 1: 10.30 - 12.00***(SpS) Ecological economics modelling and degrowth - modelling degrowth theory and proposals for prosperity and social equity - Room 340****Chair: Claudio Cattaneo*

Presenting Author	Abstract Title	Authors
Simone D'Alessandro	From Green Growth to Degrowth:\\ An Integrated System-Dynamic Analysis	Simone D'Alessandro, Giovanni Bernardo
Jaime Nieto	Macro-economic and dynamic energy-economy-environment modelling: transition scenarios towards a low carbon economy.	Jaime Nieto, Óscar Carpintero, Luis J. Miguel, Ignacio de Blas, Margarita Mediavilla, Carlos de Castro, Fernando Frechoso, Santiago Cáceres, Íñigo Capellán-Pérez
Steffen Lange	Macroeconomics without Growth: Sustainable Economies in Neoclassical, Keynesian and Marxian Theories	Steffen Lange

Parallel Session 2: 14.00 - 15.30***Ecological economics in sustainability and degrowth transformations - Room 236****Chair: Alexandra Köves*

Presenting Author	Abstract Title	Authors
Reinhard Mechler	Climate risks beyond adaptation: Balancing principles of distributional and compensatory justice for identifying the space for Loss and Damage	Reinhard Mechler, Thomas Schinko
Josef Baum	Current multiple challenges in Europe - Refugee question, the rise of the far right, globalisation and the socio-ecological transformation	Josef Baum
Alexandra Köves	Participatory methods, agency and the question of human development	Gábor Király, Alexandra Köves
Sigrid Stagl	Sustainable work: Does work increase your wellbeing?	Sigrid Stagl

Parallel Session 2: 14.00 - 15.30***Studying social-ecological systems: bringing together diverse disciplines, knowledges and instruments - Room 238****Chair: Barbara Mihók*

Presenting Author	Abstract Title	Authors
Thomas W Smith	Beyond shareholder value: using social learning and stakeholder theory to explain corporate involvement in biodiversity conservation	Thomas W. Smith
Nina Hagemann	From pledge to practical implementation: How to organise stakeholder integration in scenario development	Nina Hagemann, Martin Volk, Bárbara Willaarts, Annelie Holzkämper, Cordula Rutz, Martin Schönhart
Mihai Tivadar	Measuring environmental inequality: insights from the segregation literature	Mihai Tivadar, Schaeffer Yves
Raphael M. Ferrer	What makes a community?: Resettlement and sense of community	Raphael M. Ferrer, Devralin T. Lagos

Parallel Session 2: 14.00 - 15.30***Philosophical and methodological reflections: epistemology, theory and praxis - Room 322****Chair: Judit Gébert*

Presenting Author	Abstract Title	Authors
Beatriz Rodríguez-Labajos	How do audiovisuals support Environmental Justice research? The experience of the ¡AJA! project in relation to coal mining conflicts	Beatriz Rodríguez-Labajos, Andrea Cardoso
Tiziano Distefano	Positively looping towards sustainability. A complex and evolutionary methodology for transitional decision-making and agency.	Tiziano Distefano, Pietro Guarnieri
Thomas Schinko	The imperative of tackling climate risks beyond adaptation: A transdisciplinary framework for transformative action on Loss and Damage	Thomas Schinko, Reinhard Mechler
Roldan Muradian	The limits of the ecosystem services paradigm and the search for alternative ways of conceiving human-nature relations	Roldan Muradian

Parallel Session 2: 14.00 - 15.30***Natural resource management - Room 324****Chair: Gábor Harangozó*

Presenting Author	Abstract Title	Authors
Theresa Voß	Measuring responsibility for ecosystem collapse through over-harvesting	Theresa Voß, Stefan Baumgärtner
Heidi Leonhardt	Ownership and land use in agriculture: the influence of tenancy and payments for ecosystem services on soil conservation	Heidi Leonhardt
Stephan Bartke	Soil governance between bioeconomy and sustainability goals	Stephan Bartke, Bartosz Bartkowski, Nina Hagemann
Klarizze Puzon	Resource abundance and participatory governance in the commons: a behavioural experiment	Klarizze Puzon, Marc Willinger

Parallel Session 2: 14.00 - 15.30***(SpS) Degrowth and Technology – Technological-social-ecological systems in co-evolution - Room 326****Chair: Petra Wächter*

Presenting Author	Abstract Title	Authors
Daniela Del Bene	Hydropower expansion in the Western Himalayas: mapping resistances to the “consensus of infrastructures”	Daniela Del Bene
Franziska Haucke	Smartphone enabled social change: evidence from the Fairphone case?	Franziska Haucke
Helena Jeronimo	Strategies for tying degrowth to the assessment and regulation of technologies	Helena Mateus Jeronimo, Jose Luis Garcia, Tiago Mesquita Carvalho

Parallel Session 2: 14.00 - 15.30*(SpS) Open and citizen science in sustainability research. Reflections on the responsible research and innovation (RRI) discourse - Room 328*

Presenting Author	Abstract Title	Authors
Györgyi Bela	Citizen science and DIY science in sustainability research. Reflections on the responsible research and innovation (RRI) discourse	Györgyi Bela, Bálint Balázs, Tamás Szabó, Anett Ruszanov
Réka Matolay	Co-creation of Learning along RRI in Management Education	Réka Matolay, Judit Gáspár, Andrea Tarniczky, Bálint Esse
Janne I. Hukkinen	Science-policy interaction in sustainable development as Shakespearean theatre	Janne I. Hukkinen
Sandra Karner	Stakeholder participation in responsible research and innovation: the politics of knowledge creation	Sandra Karner, Zoltán Bajmócy, Anita Thaler, Magdalena Wicher, György Pataki, Marian Deblonde, Anne Snick

Parallel Session 2: 14.00 - 15.30*(SpS) Developing consistent theory for social ecological economics – where do we stand? - Room 330**Chairs: Elke Pirgmaier, Tone Smith*

Presenting Author	Abstract Title (in order of presentations)	Authors
Clive Spash	Key Elements of a Social Ecological Economics	Clive Spash
Claudia Carter	Building on Polanyi to strengthen the social and relational aspect of ecological economics	Claudia Carter, Tone Smith
Andrew Brown	How to think about change? Methodological insights from systematic dialectics for strengthening the foundations of ecological economics	Andrew Brown, Elke Pirgmaier

Parallel Session 2: 14.00 - 15.30***Social metabolism and systems approaches (ecological macroeconomics, consumption-production and social-ecological systems) - Room 334****Chair: Tim Foxon*

Presenting Author	Abstract Title	Authors
Emanuele Campiglio	Climate financial bubbles: How market sentiments shape the transition to low-carbon capital	Emanuele Campiglio, Elena Dawkins, Eric Kemp-Benedict, Antoine Godin
Jonathan Barth	Demand driven ecological collapse: Stability analysis of a monetary-physical stock-flow fund-service model	Jonathan Barth, Oliver Richters
Mario Pérez-Rincón	Environmental conflicts in Andean countries: A social metabolism analysis	Mario Pérez-Rincón, Julieth Vargas-Morales, Zulma Crespo-Marín
Irene Monasterolo	Financing renewable energy investments by phasing out of fossil fuels subsidies: the eIRIN Stock-Flow Consistent dynamic model	Irene Monasterolo, Marco Raberto

Parallel Session 2: 14.00 - 15.30***Strategies for transformation to a low carbon economy - Room 336****Chair: Mária Csutora*

Presenting Author	Abstract Title	Authors
Julia Tschersich	Analyzing Multi-Scale Sustainability Transformations: The Role of Bottom-Up and Top-Down Initiatives for Change	Julia Tschersich
Jorge Guardiola	Discussing the common paths towards happiness and sustainable development	Jorge Guardiola, Mònica Guillén-Royo, Fernando García-Quero
Iñigo Capellán-Pérez	Integration of global environmental change threat to human societies in energy-economy-environment models	Iñigo Capellán-Pérez, Carlos de Castro
Chloé Meulewaeter	Peace, war and ecology: Is the military an issue for climate change?	Chloé Meulewaeter

Parallel Session 2: 14.00 - 15.30***(SpS) Towards an Ecological Economics of Water - Room 338****Chairs: Arnaud Buchs, Iratxe Calvo-Mendieta, Olivier Petit*

Presenting Author	Abstract Title (in order of presentations)	Authors
Arnaud Buchs	Shaping a social-ecological economics of water: ontological, theoretical and methodological issues	Arnaud Buchs, Iratxe Calvo-Mendieta, Olivier Petit, Philippe Roman
Maria Beltran Muñoz	How does virtual water flow in Palestine? A political ecology analysis	Maria J Beltran Muñoz, Giorgos Kallis
Raymond L Ison	Structural coupling: can ecological economics offer value?	Raymond L. Ison
Christian Schleyer	Developing an analytical framework for reconstructing the transformation of state-led water governance: illustrations from scalar reorganization in Europe	Andreas Thiel, Christian Schleyer

Parallel Session 2: 14.00 - 15.30***(SpS) Ecological economics modelling and degrowth - modelling degrowth theory and proposals for prosperity and social equity - Room 340****Chair: Claudio Cattaneo*

Presenting Author	Abstract Title	Authors
Thomas Kopp	Do Mature Economies Grow Exponentially – and what if not?	Thomas Kopp, Steffen Lange, Peter Pütz
Antoine P Monserand	Macroeconomic risks and responses for a degrowing economy: a scenario analysis.	Antoine P. Monserand
Christoph Gran	Modeling degrowth for Germany: Results and implications for growth theories	Christoph Gran

Parallel Session 3: 17.30 - 19.00*Science-society contributions to sustainability transformation: citizens science, CBR, PAR, RRI - Room 236**Chair: Györgyi Bela*

Presenting Author	Abstract Title	Authors
Robert Jandl	Co-Creation of Socio-Economic Scenarios as Building Block of a Local Risk Management Tool to Climate Change - The Case Study City Lienz in the East-Tyrol, Austria	Robert Jandl, Ina Meyer, Brigitte Eder, Michiko Hama, Markus Leitner
Sergi Moles-Grueso	Interpreting the 'exemplary role' of energy-saving buildings in everyday life	Sergi Moles-Grueso, Lee Pugalís
Elise Audouin	TATA-BOX: "Territorial Agroecological Transition in Action": a tool-Box for designing and implementing a transition to a territorial agroecological system in agriculture	Elise Audouin, Jacques-Eric Bergez, Olivier Therond, Gaël Plumecocq
Choy Yee Keong	Sustainable development: from the birth of the United Nations' green era of development to the emergence of the age of Anthropocene	Choy Yee Keong

Parallel Session 3: 17.30 - 19.00*(SpS) Linking energy and macroeconomics: which 'energy' and which 'macroeconomics'? (panel discussion) - Room 238**Chair: Lukas Hardt*

Presenting Author	Abstract Title	Authors
Yannis Dafermos	Energy and growth in a stock-flow-fund ecological macroeconomic model	Yannis Dafermos
Gregor Semieniuk	Energy, exergy and theories of growth and distribution	Gregor Semieniuk
Astrid K Kander	How long term trends of energy and economic growth interaction can inform modelling exercises	Astrid K. Kander
Tiago Domingos	Useful Exergy and Economic Growth	Tiago Domingos

Parallel Session 3: 17.30 - 19.00***Philosophical and methodological reflections: epistemology, theory and praxis - Room 322****Chair: Alexandra Köves*

Presenting Author	Abstract Title	Authors
Matteo Villa	Action-research and welfare sustainability: the abductive approach for ecological researches and practices in social policy	Matteo Villa
Wolfgang Fellner	Human Needs and Socio Ecological Economic Development	Wolfgang J. Fellner
Vivi M.L. Storsletten	Transdisciplinarity and thematic narrative analysis	Vivi M.L. Storsletten
Ove Daniel Jakobsen	Transformative ecological economics	Ove Daniel Jakobsen

Parallel Session 3: 17.30 - 19.00***Natural resource management - Room 324****Chair: Barbara Mihók*

Presenting Author	Abstract Title	Authors
Johannes Schiller	Is the achievement of "good ecological status" for German surface waters disproportionately expensive? Justifying less stringent objectives according to WFD with disproportionately high costs	Johannes Schiller, Katja Sigel, Bernd Klauer
Irina Glazyrina	Socioeconomic Effectiveness and Green Growth of Forest Sector in Russia	Irina Glazyrina
Ana Serrano	Understanding regional divergences: the development of the Spanish agricultural sector in the long term	Ana Serrano, Ignacio Cazarro, Miguel Martín-Retortillo
Paola Sakai	Use of climate change information for adaptation practice: the UK water sector	Paola Sakai

Parallel Session 3: 17.30 - 19.00		
<i>(SpS) Governing Insurance Value of Ecosystems - Room 326</i>		
<i>Chairs: Eeva Primmer, Jouni Paavola</i>		
Presenting Author	Abstract Title	Authors
Rosalind Bark	Floodplain ecosystem insurance values: Connecting visions to values	Rosalind H Bark, Michael Acreman
Jouni Paavola	Governance of ecosystems and responsibility for the provision of natural insurance	Jouni Paavola, Eeva Primmer
Martin Quaas	Insurance value, market access, and the sustainability of ecosystem use	Martin Quaas
Olivia Rendon	The insurance value of ecosystem services: a systematic mapping of empirical evidence	Olivia Rendon, Julia Martin-Ortega, Martin Dallimer, Rosalind Bark, Thijs Dekker, Jouni Paavola

Parallel Session 3: 17.30 - 19.00		
<i>(SpS) Human development and linkages to energy services - Room 328</i>		
<i>Chair: Paul Brockway</i>		
Presenting Author	Abstract Title	Authors
Andreas Magerl	End-use energy study of India 1971-2012	Andreas Magerl
Matthew Heun	Energy access and pathways in the developing world: Case study – Ghana	Matthew K Heun, Paul E Brockway
Brand Correa	Energy for well-being: Quantitative and qualitative insights into the relationship between energy services and human needs in Colombia	Lina I. Brand Correa
Karla Cervantes Barron	Exploring the link between energy services and human development	Karla Cervantes Barron, Jonathan M. Cullen

Parallel Session 3: 17.30 - 19.00***Ecosystem services: complexity, financialisation, trade-offs, valuation - Room 330****Chair: Juha Hiedanpää*

Presenting Author	Abstract Title	Authors
Katrin Karner	A participatory modelling approach to assess trade-offs between land use, ecosystem services and biodiversity conservation in an Austrian case study region	Katrin Karner, Martin Schönhart, Erwin Schmid
Valeria M. Toledo-Gallegos	Relative willingness to pay for ecosystem services in Scotland: A comparative analysis.	Valeria M. Toledo-Gallegos, Nicholas Hanley, Jed Long
Ágnes Roboz	Towards Linking the Concepts of Ecosystem Services and Environmental Justice: A Hungarian Case Study	Ágnes Roboz

Parallel Session 3: 17.30 - 19.00***(SpS) The energy trap of the green revolution - Room 332****Chairs: Enric Tello, Claudio Cattaneo*

Presenting Author	Abstract Title	Authors
Claudio Cattaneo	Has there been an energy trap in the Green Revolution? Insights from a long term perspective across the world.	Claudio Cattaneo, Enric Tello, Roc Padrò, Inés Marco, Jonatan Caravaca, Lucia Diez, Nofre Fullana, Lluís Parcerissas, Simone Gingrich, Fridolin Krausmann, David Soto, Manolo Gonzalez de Molina, Gloria Guzman, Juan Infante, Eduardo Aguilera, Wilson Picado, Eva Frankova, Andrew Watson, Geoff Cunfer, Josh McFaiden
Gonzalo Gamboa	Integrated assessment of future scenarios of traditional extensive grazing in the Aralar Natural Park (Barque Country, Spain)	Gonzalo Gamboa, Eneko Garmendia, Arantza Aldezabal, Aitor Andonegi
Rebekah Breeding	The metabolic pattern of the Spanish agricultural sector: energy and water requirements of an industrialized agriculture	Rebekah Breeding, Gonzalo Gamboa, David Saurí, Violeta Cabello

Parallel Session 3: 17.30 - 19.00***Social metabolism and systems approaches (ecological macroeconomics, consumption-production and social-ecological systems) - Room 334****Chair: Tommaso Luzzati*

Presenting Author	Abstract Title	Authors
Edward John Manderson	An Economic Perspective on Industrial Ecology	Edward John Manderson, Tim Considine
Tatiana Tagaeva	Analysis and forecast of Russian environmental pressure using Input-Output approach	Tatiana Tagaeva, Alsu Sayapova, Vadim Gilmundinov
Martin Cerny	Exploring post-carbon futures through participatory modelling	Martin Cerny, Christian Kimmich, Christian Kerschner, Klaus Hubacek
Martin Distelkamp	Raw Material Use of Nations - A Cross-Country Analysis Illustrating the Performance of Enhanced Resource Indicators	Martin Distelkamp, Mark Meyer

Parallel Session 3: 17.30 - 19.00***Strategies for transformation to a low carbon economy - Room 336****Chair: Tom Bauler*

Presenting Author	Abstract Title	Authors
Anders Ekeland	Ecological Economics and the Climate Movement – more Inaction than Action?	Anders Ekeland
Thais Oliveira	Provisions for international market mechanisms under the Paris Agreement: a cooperative approach	Thais D Oliveira, Ângelo C Gurgel, Steve Tonry
Emiko Inoue	The incentives for corporations to engage in voluntary environmental disclosure	Emiko Inoue
Manuel Cantavella	The role of education in the environmental Kuznets curve: evidence from Australian data	Manuel Cantavella, Jacint Balaguer

Parallel Session 3: 17.30 - 19.00***Community economy, solidarity economy, social entrepreneurship - Room 338****Chair: György Málovics*

Presenting Author	Abstract Title	Authors
Fulvio Fontini	Corporate Social Responsibility and firm financial performance: a industry sectors analysis	Fulvio Fontini, Silvia Blasi, Massimiliano Caporin
Melinda Mihály	Social and solidarity economy initiatives in peripheralized rural areas - A perspective from Central and Eastern Europe	Melinda Mihály
Sergio Villamayor-Tomas	Social movements and common pool resource management: a systematic review	Sergio Villamayor-Tomas
Ellen Stenslie	Sustainability entrepreneurs as institutional innovators	Ellen Stenslie

Parallel Session 3: 17.30 - 19.00***(SpS) Towards an Ecological Economics of Water - Room 340****Chairs: Arnaud Buchs, Iratxe Calvo-Mendieta, Olivier Petit*

Presenting Author	Abstract Title	Authors
Susana Torres	Water cycle and urban sustainability in growing Latin America cities	Susana Torres, Beatriz Rodríguez-Labajos
Stephan Lutter	Sustainable water use – the way forward towards comprehensive measurement and management	Stephan Lutter
Barun Thakur	Household Willingness to Pay for Arsenic free drinking water in Bihar, India	Barun Kumar Thakur, Vijaya Gupta
Ozge Dogmus	The “counterfeit” hydropower boom as a way of water grabbing: The case of Martin Brod, Bosnia and Herzegovina	Ozge Can Dogmus

22nd June, Thursday

Parallel Session 4: 10.30 - 12.00

Bringing power back in: power of science on knowledge production and use - Room 236

Chair: Eszter Krasznai Kovács

Presenting Author	Abstract Title	Authors
Joan Martinez-Alier	An analysis of recent cases in the EJAtlas involving deaths of environmental defenders	Joan Martinez-Alier
Marija Brajdić Vuković	Climate change concerns in academia: epistemic cultures of (dis)engagement	Marija Brajdić Vuković, Mladen Domazet
György Málovics	Participatory action research (PAR) as a tool for representing silenced voices and oppressed interested on a local level – experiences of a case study	György Málovics, Judit Juhász, Boglárka Méreiné Berki, Judit Gébert
Ksenija Hanacek	What Types of Environmental Conflicts Emerge from the Impact of Land Use Changes on Cultural Agroecosystem Services– A Literature Review	Ksenija Hanacek, Beatriz Rodríguez-Labajos

Parallel Session 4: 10.30 - 12.00

Studying social-ecological systems: bringing together diverse disciplines, knowledges and instruments - Room 238

Chair: Tom Bauler

Presenting Author	Abstract Title	Authors
Ignacio Cazcarro	Biophysical and socioeconomic of deltaic areas vulnerable to Climate Change: gender and spatial relations	Ignacio Cazcarro
Yves Schaeffer	Defining and Quantifying Natural and Environmental Amenities: a Literature Review	Yves Schaeffer, Jean-Christophe Dissart, Cosmina Tartiu
Julia Janke	Passenger transport and cities in India: Variations in energy use with patterns of urbanization	Julia Janke, Narasimha Rao
Marisa Peyre	We need to talk! Bridging together social sciences, economics and epidemiology to improve animal health surveillance performances	Marisa Peyre, Aurélie Binot, Muriel Figuié, François Roger, Flavie Goutard

Parallel Session 4: 10.30 - 12.00

Ethics of transformative research - Room 322

Chair: Eszter Kelemen

Presenting Author	Abstract Title	Authors
Eszter Kelemen	Fears and hopes of children: Drawing future ecosystem services of Kiskunság, Central Hungary	Eszter Kelemen, Orsolya Lazányi
Dylan McGarry	Political Rigour in transformative and transgressive research	Dylan McGarry, Leah Temper
Keith B. Matthews	Transformative Science – Changing the World or Changing Ourselves?	Keith B. Matthews

Parallel Session 4: 10.30 - 12.00

Natural resource management - Room 324

Chair: Arnaud Buchs

Presenting Author	Abstract Title	Authors
Ana Filipa Ferreira	Biosphere reserves management effectiveness: a systematic quantitative literature review	Ana Filipa Ferreira, R.F. Santos
Sigurður E. Jóhannesson	Increasing the accuracy of marine footprint calculations	Sigurður E. Jóhannesson, Heinonen J.T., Davíðsdóttir B.
Roger J.A. Martin	Population and Climate Change: Lowering Carbon Emissions through Family Planning	Roger J.A. Martin, Yan Feng

Parallel Session 4: 10.30 - 12.00***Facilitating social change and sustainability transformation - Room 326****Chair: Stephan Bartke*

Presenting Author	Abstract Title	Authors
Ann-Kathrin Blankenberg	Pro-environmental behavior, green identity and the role of income - a green lifestyle only for the rich one's?	Ann-Kathrin Blankenberg, Martin Binder
Mariateresa Silvi	Pro-environmental behavior: on the interplay of moral norms, green infrastructures and attitudes towards the future	Mariateresa Silvi, Emilio Padilla Rosa
Brent Bleys	The environmental impact of individual behavior: self-assessment versus the ecological footprint	Brent Bleys, Bart Defloor, Luc Van Ootegem, Elsy Verhofstadt
Bart Defloor	Understanding pro-environmental behavior using the theory of planned behavior	Bart Defloor, Brent Bleys

Parallel Session 4: 10.30 - 12.00***Biodiversity and ecosystem services in the policy arena - Room 328****Chair: Barbara Mihók*

Presenting Author	Abstract Title	Authors
Claas Meyer	Agri-environmental payments for ecosystem services: Institutional design, interplay, and development	Claas Meyer
Oliver Schöttker	Cost-effectiveness of buying land for conservation versus paying land-users for conservation measures – the case of preserving an oligotrophic lake in a Natura 2000 area in North Germany	Oliver Schöttker, Frank Wätzold
Alejandra Zaga Mendez	From a grammar of sanctions to a grammar of incentives: implications for the design of Payments for Ecosystem Services (PES) in Quebec	Alejandra Zaga Mendez, Vijay Kolinjivadi, Jérôme Dupras

Parallel Session 4: 10.30 - 12.00***Ecosystem services: complexity, financialisation, trade-offs, valuation - Room 330****Chair: Erik Gomez-Baggethun*

Presenting Author	Abstract Title	Authors
Eeva Primmer	An empirical analysis of institutional demand for Valuation Knowledge	Eeva Primmer, Heli Saarikoski
Julia Martin-Ortega	Communicating peatland restoration complexity	Julia Martin-Ortega, Glenk Klaus, Byg Anja
Heli Saarikoski	Integrating methods for valuation of peatland ecosystem services	Heli Saarikoski, Turo Hjerppe, Jyri Mustajoki, Janne Artell, Eija Pouta, Eeva Primmer, Virpi Lehtoranta
Clara I. Villegas-Palacio	Vulnerability of Socio – Ecological Systems. A Conceptual Framework With An Application to Soil Natural Capital	Clara I. Villegas-Palacio, Jenny Machado, Lina M. Berrouet

Parallel Session 4: 10.30 - 12.00***(SpS) Roundtable discussion on the science-policy-society interface in Europe – linking across sectors and knowledge domains - Room 338****Chair: Carsten Neßhöver*

Presenting Author	Abstract Title	Authors
Carsten Neßhöver	Introductory talk by EKLIPSE team – the challenge of science-policy interfacing in the European context and EKLIPSE’s approach to it	Carsten Neßhöver
Lynn Dicks	The diversity of methods in synthesising knowledge	Lynn Dicks
Agnes Zolyomi	What civil society needs from science and how to use this to aid EU and national biodiversity policy implementation	Agnes Zolyomi

Parallel Session 4: 10.30 - 12.00***(SpS) How to define and assess needs and well-being in a degrowth perspective: debating concepts, tools and methods - Room 340****Chairs: Jerome Pelenc, Filka Sekulova, Ines Omann*

Presenting Author	Abstract Title	Authors
Filka Sekulova	Compatibilities and incompatibilities between the life-satisfaction, capability and human needs approaches?	Filka Sekulova
Jérôme Pelenc	Insights from the capability and needs approaches to better define and assess well-being in a degrowth perspective	Jérôme Pelenc

Parallel Session 5: 14.00 - 15.30***(SpS) The energy trap of the green revolution - Room 236****Chairs: Enric Tello, Claudio Cattaneo*

Presenting Author	Abstract Title	Authors
Simone Gingrich	A multi-scale approach to agroecosystem energy transitions: the case of Austria, 1830-2010	Simone Gingrich, Fridolin Krausmann
Clemens M Grünbühel	How political development drives traditional agriculture towards the energy trap	Clemens M. Grünbühel
Eva Fraňková	Organic farming in the past and today in a Central European case study	Eva Fraňková, Claudio Cattaneo

Parallel Session 5: 14.00 - 15.30***Studying social-ecological systems: bringing together diverse disciplines, knowledges and instruments - Room 238****Chair: Mladen Domazet*

Presenting Author	Abstract Title	Authors
Martin Bermudez-Urdaneta	A combined perspective of political economy and socio-ecology to study multidimensionality of rural landscapes: connecting scales and dynamics throughout selected case studies in Colombia	Martin Bermudez-Urdaneta, Sebastian Restrepo-Calle
Fikret Adaman	Developing a Polanyian-Gramscian Framework in Explaining Environmental Movements (or Lack Thereof)	Fikret Adaman, Duygu Avci, Bengi Akbulut
Insa Theesfeld	Enlarging the SES framework to serve more disciplines: Suggestions and trade-offs	Insa Theesfeld, Frederike Klümper
Jakub Kronenberg	Integrated valuation: Integrating value dimensions and valuation methods	Jakub Kronenberg, Erik Andersson

Parallel Session 5: 14.00 - 15.30***(SpS) Debating work and growth. Inseparable twins? - Room 322****Chair: Stefanie Gerold*

Presenting Author	Abstract Title	Authors
Ernest Aigner	Conceptualizing Work for a Social Ecological Transformation	Ernest Aigner, Heidi Leonhardt, Lucia Baratech
Stefanie Gerold	Killing three birds with one stone? Investigating the effects of a working-time reduction policy on well-being, gender and the environment	Stefanie Gerold, Michael Soder
Simon Mair	The Future of Work: Lessons from the History of Utopian Thought.	Simon Mair, Tim Jackson, Angela Druckman

Parallel Session 5: 14.00 - 15.30		
<i>Natural resource management - Room 324</i>		
<i>Chair: Eszter Krasznai Kovács</i>		
Presenting Author	Abstract Title	Authors
Craig Daniel Rye	Can Instability Indicators Reveal Interesting Things About The Dynamics Of The Macroeconomy ?	Craig Daniel Rye, Tim Jackson
Jose AA Meijer	Governance of natural landscapes: challenges and success factors for landscape management in the Netherlands	Jose AA Meijer, Judith Santegoets, Derk J Stobbelaar, Jeroen Rijke
Julen Gonzalez-Redin	Sustainable Futures in Tropical Landscapes: An Integrated Agent-Based Modelling Approach	Julen Gonzalez-Redin, Iain J. Gordon, Rosemary Hill, Terence P. Dawson, Gary J. Polhill
Carsten Mann	The potential of landscape labelling approaches for integrated landscape management in Europe	Carsten Mann, Tobias Plieninger

Parallel Session 5: 14.00 - 15.30		
<i>Facilitating social change and sustainability transformation - Room 326</i>		
<i>Chair: Juha Hiedanpää</i>		
Presenting Author	Abstract Title	Authors
Dennis Badeen	Identity in political/economic-ecological theory: An examination of the science/policy nexus in Germany's move to renewable energy and what we can learn from it in Canada and elsewhere	Dennis Badeen
Ulan Kasymov	Informing the climate sensitive land and forest management policies in Central Asia – Towards a combination of economic experiments and qualitative case study	Ulan Kasymov, Benedikt Ibele, Dimitrios Zikos, Klaus Eisenack
Halliki Kreinin	The Role of Trade Unions in Socio-Ecological Transformation	Halliki Kreinin
Olivier Malay	To be usable or to be transformative? The tension among Beyond GDP indicators and the case of Social Progress Index.	Olivier Malay

Parallel Session 5: 14.00 - 15.30***Biodiversity and ecosystem services in the policy arena - Room 328****Chair: Györgyi Bela*

Presenting Author	Abstract Title	Authors
Lauriane Mouysset	Biodiversity into agricultural public policy : green or sustainable ?	Lauriane Mouysset
Tone Smith	Capturing nature? A critical assessment of TEEB and the valuation of nature	Tone Smith
Paula Antunes	Mapping ecosystem services to support stakeholder dialogues and decision processes in a coastal protected area	Paula Antunes, Rui Santos, Pedro Clemente, João Fernandes, Diogo Ferraz, Mécia Miguel
Michael Getzner	Natura 2000 and regional development: an Austrian case study	Michael Getzner, Grazia Withalm, Johanna Huber, Wolfgang Suske, Hemma Preisel, Gottfried Haber

Parallel Session 5: 14.00 - 15.30***Ecosystem services: complexity, financialisation, trade-offs, valuation - Room 330****Chair: Erik Gomez-Baggethun*

Presenting Author	Abstract Title	Authors
Alessandra La Notte	Accounting for supply and use of ecosystem services within the Integrated system of Natural Capital Accounting (INCA) scheme for Europe. Theory and practice.	Alessandra La Notte
Christian Schleyer	Biodiversity and ecosystem services in European cultural landscapes: Pathways, pitfalls, and perspectives	Christian Schleyer, Harald Schaich, Claudia Bieling, Holger Gerdes, Bettina Ohnesorge, Tobias Plieninger, Kathrin Trommler, Franziska Wolff
Zafarani Uwingabire	Incidence of pollinators decline on the international trade: Welfare and food security analysis	Zafarani Uwingabire, Nicola Gallai, Charilaos Kephaliacos, Barbara Gemmill-Herren

Parallel Session 5: 14.00 - 15.30		
<i>Strategies towards degrowth: increasing human well-being in a bounded economy - Room 332</i>		
<i>Chair: Vincent Liegey</i>		
Presenting Author	Abstract Title	Authors
Zhanara Yessenova	Climate change, energy and poverty: degrowth perspective. Case studies from Kazakhstan	Zhanara Yessenova
Milena Buchs	Degrowth and wellbeing	Milena Buchs, Max Koch
William F. Lamb	Human well-being and climate change mitigation	William F. Lamb
Julia Steinberger	What is necessary to live well? Socio-technical provisioning systems and the empirical quest for sufficiency	Julia Steinberger

Parallel Session 5: 14.00 - 15.30		
<i>Social metabolism and systems approaches (ecological macroeconomics, consumption-production and social-ecological systems) - Room 334</i>		
<i>Chair: Vera Kiss</i>		
Presenting Author	Abstract Title	Authors
Juudit Ottelin	Carbon and material footprint of public welfare services in Finland from the perspective of households	Juudit Ottelin, Jukka Heinonen, Seppo Junnila, Sanna Ala-Mantila
Jack Clarke	Emissions in a decarbonised economy? Global lessons from a consumption-based investigation of Iceland using MRIO analysis	Jack Clarke, Jukka Heinonen, Juudit Ottelin
Nina Eisenmenger	Evaluating Austrian resource efficiency. Material and energy use in relation to CO2 emissions, biodiversity and ecosystem services both from a production- and consumption-based perspective.	Nina Eisenmenger, Barbara Plank, Anke Schaffartzik, Dominik Wiedenhofer
Ignacio de Blas Sanz	Modelling sustainable energy system development under energy and environmental constraints	Ignacio de Blas Sanz, Jaime Nieto, Íñigo Capellán-Pérez, Luis Javier Miguel, Margarita Mediavilla, Carlos de Castro, Oscar Carpintero, Fernando Frechoso, Santiago Cáceres

Parallel Session 5: 14.00 - 15.30***(SpS) Vulnerability and conflict: implications for human wellbeing in a society embarking on degrowth - Room 340****Chairs: Filka Sekulova, Ines Omann, Jérôme Pelenc*

Presenting Author	Abstract Title	Authors
Filka Sekulova	Conflicts and vulnerability: the multiple facets of degrowth	Filka Sekulova
Ines Omann	Intra-personal conflicts and their possible links to vulnerability, time issue and spaces of resonance	Ines Omann
Jérôme Pelenc	Understanding personal and social transformations emerging from an environmental conflict. The case of the resistance to the mega-jail project in Haren (Brussels).	Jérôme Pelenc

Parallel Session 6: 16.00 - 18.00***Ecological economics in sustainability and degrowth transformations: bioeconomy - Room 236****Chair: Mária Csutora*

Presenting Author	Abstract Title	Authors
Tambovceva Tatjana	Development of circular economy – a case study of Latvia	Tatjana Tambovceva, Dzintra Atstaja, Dzineta Dimante
Dalia D'Amato	Green, Circular, Bio economy: a comparative analysis	Dalia D'Amato, Katja Lähtinen, Jaana Korhonen, Riina Antikainen, Brent Matthies, Anne Toppinen, Nils Droste, Ben Allen, Marianne Kettunen, Pekka Leskinen
Fang Fang Wang	Substitutability of Man-made Capital and Water Resources in China's Economic Growth: A Case Study of Guangzhou	Fang Fang Wang, Yi Wang
Franck-Dominique Vivien	Today's bioeconomy : "the new age of wood" of Nicholas Georgescu-Roegen ?	Franck-Dominique Vivien, Nicolas Béfort, Romain Debref, Martino Nieddu
Eva Cudlinova	Will be ecological economics replaced by green or bioeconomy within green growth and degrowth transformation?	Eva Cudlinova

Parallel Session 6: 16.00 - 18.00		
<i>(SpS) Negotiating diverging values, interests and institutions in the spatial governance of commons - Room 238</i>		
<i>Chair: Piotr Matczak</i>		
Presenting Author	Abstract Title	Authors
Piotr Matczak	Coordination of flood risk management and spatial planning and in five EU countries	Piotr Matczak, Herman Kasper Gilissen, Thomas Hartmann, Lisa Levy, Jakub Lewandowski, Sue Tapsell
Sandrine Allain	Management of spatial commons: can we and should we use spatially-explicit indicators?	Sandrine Allain, Gaël Plumecocq, Delphine Leenhardt
Maria U.M. Pettersson	Spatial planning in Swedish forest governance: consequences for flood risk management	Maria U.M. Pettersson, Kristina Ek
Juan Antonio Duro	The CO2 conflicting claims problem: production-based accounting vs consumption	Juan Antonio Duro, Jose Manuel Gimenez, Misericordia Vilella
Bengi Akbulut	Thinking Alternative Economic Models of Post-capitalist/Socialist Structures from the Viewpoint of Ecological Economics	Bengi Akbulut, Fikret Adaman, Duygu Avci

Parallel Session 6: 16.00 - 18.00		
<i>(SpS) Challenges and Lessons from (radical) alternative transformations - Room 322</i>		
<i>Chairs: Leah Temper, Daniela del Bene</i>		
Presenting Author	Abstract Title	Authors
Julien-Francois Gerber	Bhutan's transition to capitalism and prospect for post-growth	Julien-Francois Gerber
Leah Temper	From conflict transformation to alternatives. Dimensions, scope and scales.	Leah Temper, Mariana Walter, Iokiñe Rodriguez, Ashish Kothari, Mirna L. Inturias, Daniela Del Bene
Ethemcan Turhan	Making commons under a state of (environmental) emergency: Quest for energy-water alternatives in Turkey	Ethemcan Turhan, Begüm Özkaynak, Cem İskender Aydın
Jan Zoellick	The Blind Eye of Ecological Economics: Social Inequities, Illustrated by Prisons	Jan C. Zoellick

Parallel Session 6: 16.00 - 18.00***Natural resource management - Room 324****Chair: Barbara Mihók*

Presenting Author	Abstract Title	Authors
Claudia Kettner	Energy and carbon taxes: Evidence from EU member states	Claudia Kettner, Daniela Kletzan-Slamanig
Pinar Ertor-Akyazi	Market or Fine? Does framing matter for cooperation in resource use dilemmas?	Pinar Ertor-Akyazi
Ilkhom Soliev	Tailoring benefit-sharing for sustainability of global environmental commons: revisiting incentives and systematizing discrepancies	Ilkhom Soliev, Insa Theesfeld
Bernd Klauer	What are the best strategies against pharmaceuticals in the environment? End-of-pipe vs. source-oriented measures	Bernd Klauer, Johannes Schiller

Parallel Session 6: 16.00 - 18.00***Facilitating social change and sustainability transformation - Room 326****Chair: Ellen Stenslie*

Presenting Author	Abstract Title	Authors
Sebastien Strunz	A political economy view on the transformation towards a post-growth economy	Sebastian Strunz, Harry Schindler
Gilbert Leistra	Food for thought. Or, how a University of Applied Sciences is integrating people, planet and profit by seeing the food forest for the trees.	Gilbert R. Leistra
Peter Bradley	Integrating sustainable development into economics curriculum	Peter Bradley
Elisabeth Olsen	Take back the fish! Re-introducing fish as a local food source on the Faroe Islands: a policy recommendation	Elisabeth S Olsen, Ragnheiður Bogadóttir
Markus Vinnari	User-innovators as a producers of advancements in vegan markets	Markus Vinnari, Mari Niva, Piia Jallinoja

Parallel Session 6: 16.00 - 18.00***Biodiversity and ecosystem services in the policy arena - Room 328****Chair: Györgyi Bela*

Presenting Author	Abstract Title	Authors
Giulia Iannuzzi	Co-governance arrangements for nature conservation: insights from the Portuguese case	Giulia Iannuzzi, Rui Santos, João Mourato
Juha Hiedanpää	Governmentality in evidence: epistemic forest governance in biodiversity-era in Finland and Peru	Matti Salo, Juha Hiedanpää, Jose Carlos Orihuela, Carlos Llerena
Katharine Farrell	How to not achieve a viable voluntary carbon market: an ecological economic analysis of the relationship between institutional performance and non-conservation creep in the Atlantic Forest	Katharine Farrell, Jennifer Hartl
Daniela Manushevich	Land use policy scenarios for native forest conservation in south-central Chile.	Daniela Manushevich, Ricardo Gonzalez
Sonny Mumbunan	Multifunction forest in multiple jurisdictions: governing forest and biodiversity conservation at national park, sub-national and village scales	Sonny Mumbunan, Nurul Winarni, Jatna Supriatna

Parallel Session 6: 16.00 - 18.00***Strategies towards degrowth: increasing human well-being in a bounded economy - Room 332****Chair: Judit Gébert*

Presenting Author	Abstract Title	Authors
Jonas Van der Slycken	Cross-time and cross-boundary effects in the Index of Sustainable Economic Welfare (ISEW)	Jonas Van der Slycken, Brent Bleys
Michal Czepkiewicz	Intersections between mobility, carbon footprint, urban form, and well-being: preliminary results of a softGIS study in Helsinki Metropolitan Region	Michal Czepkiewicz, Kamyar Hasanzadeh, Jukka Heinonen
Agni Dikaiou	Labour Productivity at the industry level as a determinant of Job Satisfaction	Agni Dikaiou
Sanna Ala-Mantila	Sustainable urbanization? Urban structures and urban nature in promoting subjective well-being	Sanna Ala-Mantila

Parallel Session 6: 16.00 - 18.00***Social metabolism and systems approaches (ecological macroeconomics, consumption-production and social-ecological systems) - Room 334****Chair: Tommaso Luzzati*

Presenting Author	Abstract Title	Authors
Maria Nikolaidi	Climate change, financial stability and monetary policy	Maria Nikolaidi, Yannis Dafermos, Giorgos Galanis
Maddalena Ripa	Dealing with the Water-Energy-Food nexus conundrum. A multiscale approach for societal metabolism.	Maddalena Ripa, Mario Giampietro
Christian Kimmich	Exploring substantial transformation paths to reduce global footprints: How can structural change of input-output relations contribute?	Christian Kimmich, Christian Kerschner, Martin Černý, Laixiang Sun, Klaus Hubacek
Jani Laine	Reducing carbon footprint of city residents through increasement of municipal energy consumption	Jani Laine, Juudit Ottelin, Jukka Heinonen, Seppo Junnila, Antti Säynäjoki
Alla A. Pakina	Renewable energy development as a driver for regional economy's greening	Alla A. Pakina

Parallel Session 6: 16.00 - 18.00***Strategies for transformation to a low carbon economy - Room 336****Chair: Gergely Tóth*

Presenting Author	Abstract Title	Authors
Miklós Antal	Energy transition on the periphery: the case of solar, wind and nuclear electricity in Hungary	Miklós Antal
Nele Lienhoop	Local preferences for financial and procedural engagement in wind energy projects: Results from focus groups and a choice experiment	Nele Lienhoop
Michael Soder	Responses of worker organizations to the restructuring of the Austrian energy sector and the increase of renewable energies in the energy mix	Michael Soder, Hendrik Theine, Sigrid Stagl
Martin Péclat	Social contagion in the adoption of solar photovoltaic technology: Evidence from Switzerland	Martin Péclat, Andrea Baranzini, Stefano Carattini
Marco Raberto	The macroeconomic impact of financing the renewable energy transition: an agent-based approach	Marco Raberto, Linda Ponta, Silvano Cincotti

Parallel Session 6: 16.00 - 18.00***Community economy, solidarity economy, social entrepreneurship - Room 338****Chair: Bálint Balázs*

Presenting Author	Abstract Title	Authors
Fanni Bársony	Community Gardens as Commons: Sites of Sustainable Collective Action	Fanni Bársony
Orsolya Lazányi	Emerging alternative practices in Central and Eastern Europe – Lessons learned from a Hungarian action research	Orsolya Lazányi, Logan Strenchock, Vincent Liegey
Katarzyna Gruszka	On the tragedy of sharing	Katarzyna Gruszka
Alena Rýparová	Politics of space and scale of sharing initiatives in the Czech Republic	Alena Rýparová

Parallel Session 6: 16.00 - 18.00***(SpS) The role of trade in resource use across levels of scale: Conceptual and methodological advances - Room 340****Chair: Nina Eisenmenger*

Presenting Author	Abstract Title	Authors
Stefan Giljum	Developing a spatially explicit, global material flow model to trace environmental impacts embodied in international trade	Stefan Giljum, Martin Bruckner, Hanspeter Wieland, Mirko Lieber
Erika H. Machacek	Displaying sustainability related information on meals – The role of design and information depth from a consumer's perspective	Erika H. Machacek
Martin Bruckner	Global cropland demand of the EU non-food bioeconomy	Martin Bruckner, Günther Fischer, Sylvia Tramberend, Stefan Giljum
Barbara Plank	The role of trade as driver of global material use: A structural decomposition analysis of international raw material consumption from 1990-2010	Barbara Plank, Nina Eisenmenger, Anke Schaffartzik

23rd June, Friday

Parallel Session 7: 10.30 - 12.00

Studying meaning-making: attitudes, behaviour, cognition, emotion, norms, values - Room 236

Chair: Ines Omann

Presenting Author	Abstract Title	Authors
Tamás Kocsis	Efficiency or cost shifting? Willingness to spread cost measured by decisions between hypothetical technological options	Tamás Kocsis, Zsuzsanna Marjainé Szerényi, Sándor Kerekes
Lina M Berrouet Cadavid	Measuring social vulnerability of rural communities to environmental change.	Lina M Berrouet Cadavid, Clara I Villegas-Palacio, Verónica C Botero-Fernández
Nina Janasik-Honkela	Rethinking Agreement? Reflections on the implications of nudging experiments in an ongoing regime transformation within Finnish silviculture	Nina Janasik-Honkela, Maria Åkerman, Ari Jokinen, Janne I Hukkinen

Parallel Session 7: 10.30 - 12.00

(SpS) Theoretical and political journeys between environmental justice and degrowth - Room 238

Chairs: Federico Demaria, Bengi Akbulut, Joan Martinez Alier, Julien Francois Gerber

Presenting Author	Abstract Title	Authors
Jolanda M. Iserlohn	Degrowth and tourism conflict in Barcelona – applying a decolonial perspective	Jolanda M. Iserlohn
Emanuele Leonardi	Environmental Justice and Degrowth in the anti-Ilva Struggle in Taranto (Apulia, Italy)	Emanuele Leonardi, Stefania Barca

Parallel Session 7: 10.30 - 12.00		
<i>(SpS) Sustaining urban ecosystem services: The multiple benefits of green and blue infrastructure - Room 322</i>		
<i>Chair: Veronika Gezik</i>		
Presenting Author	Abstract Title	Authors
Alfred Kaiser	Climate smart governance?	Alfred Kaiser
Francis Turkelboom	Green versus grey solution for flood control of Leuven city (Belgium)	Francis Turkelboom, Rolinde Demeyer, Liesbet Vranken, Laurens Coucke
Veronika Gezik	Valuing ecosystem services for urban planning	Veronika Gezik, Viera Bastakova

Parallel Session 7: 10.30 - 12.00		
<i>Technological-social-ecological systems in co-evolution - Room 324</i>		
<i>Chair: Zoltán Bajmóczy</i>		
Presenting Author	Abstract Title	Authors
Julianna Faludi	Feed the planet: sustainability aspects of digital agriculture and urban farming	Julianna Faludi
Erkki-Jussi Ojala	Making Finland an exemplary region in nutrient recycling – Is funding development project the way?	Erkki-Jussi Ojala
Ourania Papasozomenou	Raindrops keep falling on my roof: Sociotechnical imaginaries and practices of rainwater harvesting in Berlin	Ourania Papasozomenou
Lukáš Likavčan	The great bifurcation: universal basic income, cognitive capitalism and post-growth future	Lukáš Likavčan

Parallel Session 7: 10.30 - 12.00***Facilitating social change and sustainability transformation - Room 326****Chair: György Málovics*

Presenting Author	Abstract Title	Authors
Cécile Hediger	A Structural Analysis of the Direct and Indirect Rebound Effects in Residential Heating	Cécile Hediger
Nora Rodek Berkes	Sustainable and Responsible City Excellence	Nora Rodek Berkes
Bettina Matzdorf	Why do private individuals pay for ecosystem services?	Bettina Matzdorf, Carolin Biedermann, Marlen Krause

Parallel Session 7: 10.30 - 12.00***Studying consumption-production systems, supply chains and business sustainability: food - Room 328****Chair: Bálint Balázs*

Presenting Author	Abstract Title	Authors
Zsófia Benedek	Does buying local help? Consequences of poorly-regulated short food supply chains: implications for environmental policy	Zsófia Benedek, Andrea Tabi
Julien Vastenaekels	Investigating the potential of cooperatives to re-embed the economy: a multiple case study with food cooperatives in Belgium	Julien Vastenaekels, Tom Bauler, Jérôme Pelenc
Samuele Lo Piano	Silver as a techno/biophysical constraint for a large-scale development of Solar Photovoltaics: current trends and data quality	Samuele Lo Piano, Andrea Saltelli, Kozo T. Mayumi
Ina Meyer	The Energy-Economic Impacts of Recycling in Austria	Ina Meyer, Mark Sommer

Parallel Session 7: 10.30 - 12.00***Ecosystem services: complexity, financialisation, trade-offs, valuation - Room 330****Chair: Eszter Kelemen*

Presenting Author	Abstract Title	Authors
Stefan Baumgärtner	A decision criterion for ecosystem services management under Knightian uncertainty – with an application to coastal regions under climate change	Stefan Baumgärtner, Biao Huang
Erik Gomez-Baggethun	Economic valuation and environmental justice: Are they compatible?	Erik Gomez-Baggethun, Arild Vatn
Ioanna Grammatikopoulou	Integrating biophysical data into agricultural production function to elicit the value of green water ecosystem service	Ioanna Grammatikopoulou, Marta Sylla, Christos Zoumides
Rita Lopes	Puzzling Out Multiple Values of Ecosystem Services: Insights from a stakeholder-based Process in Arrábida Natural Park	Rita Lopes, Nuno Videira

Parallel Session 7: 10.30 - 12.00***(SpS) Comparing Ecological Distribution Conflicts across regions and commodities - Room 336****Chair: Sara Mingorría*

Presenting Author	Abstract Title	Authors
Grettel Navas	Environmental and Health Justice: A comparative analysis of damage by DBCP to workers in banana plantations	Grettel Navas
Sara Mingorría	Oil palm conflicts across time and spaces in Latin America	Sara Mingorría, Antonio Castellanos-Navarrete, Andrés León, Victoria Marin-Burgos, Adrienne Johnson, Juan L Dammert
Sofía Ávila Calero	Wind energy conflicts: a global comparative perspective	Sofía Ávila Calero

Parallel Session 7: 10.30 - 12.00***(SpS) Complementing monetary evaluations by means of comprehensive environmental assessment of resources and services. The Emergy Accounting method - Room 338****Chair: Francesco Gonella*

Presenting Author	Abstract Title	Authors
Tian Xu	Emergy Accounting of Circular Economy Patterns	Tian Xu, Sergio Ulgiati, Amalia Zucaro, Patrizia Ghisellini, Gengyuan Liu, Xi Ji, Yong Geng
Silvio Viglia	Exploring the biophysical value of Ecosystem Services for sustainable appropriation by human processes	Silvio Viglia, Gengyuan Liu, Mark T Brown, Sergio Ulgiati
Francesco Gonella	On the emergy accounting of intangible goods	Francesco Gonella, Silvio Cristiano, Sofia Spagnolo, Sergio Ulgiati

Parallel Session 8: 13.00 - 14.30***Studying meaning-making: attitudes, behaviour, cognition, emotion, norms, values - Room 236****Chair: Alexandra Köves*

Presenting Author	Abstract Title	Authors
Natalia Milovantseva	Applying contingent valuation to investigate green ICT consumption preferences based on the US representative data.	Natalia Milovantseva
Tommaso Luzzati	Information overload, growthmania, and unsustainability: learning from H.A. Simon and W. Wenders	Tommaso Luzzati, Ilaria Tucci, Pietro Guarnieri
Paola A. Arias-Arévalo	Is time a more pluralistic measure for valuing 'nature' than money?	Paola A. Arias-Arévalo, Berta Martín-Lopez, Erik Gómez-Baggethun
Sanna Stålhammar	Recreational cultural ecosystem services: How do citizens describe the value?	Sanna Stålhammar, Eja Pedersen

Parallel Session 8: 13.00 - 14.30***(SpS) Theoretical and political journeys between environmental justice and degrowth - Room 238****Chairs: Federico Demaria, Bengi Akbulut, Joan Martinez Alier, Julien Francois Gerber*

Presenting Author	Abstract Title	Authors
Federico Demaria	Capital accumulation, degrowth and environmental conflicts	Federico Demaria, Giacomo D'Alisa
Mladen Domazet	Degrowth-compatible environmentalism in Europe – a cross-national empirical analysis	Mladen Domazet, Branko Ančić, Logan Richardson
Brototi Roy	Linkages between the Anti-Coal Movement and Degrowth: Evidences from the Indian subcontinent	Brototi Roy

Parallel Session 8: 13.00 - 14.30***(SpS) Sustaining urban ecosystem services: The multiple benefits of green and blue infrastructure - Room 322****Chair: Veronika Gezik*

Presenting Author	Abstract Title	Authors
Iveta Štecová	Ecosystem services to mitigate climate change in cities	Iveta Štecová
Lenka Slavíková	Financial Schemes For Flood Recovery in Flood-Resilient Cities	Lenka Slavíková, Thomas Hartmann

Parallel Session 8: 13.00 - 14.30***Reflections on justice: role of Indigenous and Local Knowledge (ILK) and Traditional Ecological Knowledge (TEK) - Room 324****Chair: Zoltán Bajmóczy*

Presenting Author	Abstract Title	Authors
Jamie Paneque-Gálvez	Indigenous traditional ecological knowledge and tropical forest conservation. A spatial analysis among Tsimane' Amerindians (Bolivian Amazon)	Jamie Paneque-Gálvez, Irene Pérez-Llorente, Ana Catarina Luz, Maximilien Gueze, Jean-Francois Mas, Manuel J. Macia, Martí Orta-Martínez, Victoria Reyes-García
Katharina Bohnenberger	The Sustainable Welfare State: a Typology	Katharina Bohnenberger
Liesbeth de Schutter	Towards environmental justice in an EU context	Liesbeth de Schutter, Hanspeter Wieland

Parallel Session 8: 13.00 - 14.30		
<i>Facilitating social change and sustainability transformation - Room 326</i>		
<i>Chair: Bálint Balázs</i>		
Presenting Author	Abstract Title	Authors
Christian Dorninger	Assessing sustainable biophysical human-nature connectedness at regional scales	Christian Dorninger, David J Abson, Henrik von Wehrden
Mariana Melnykovich	Ecosystem Services and the Well-being: What do the concepts mean for marginalized forest-dependent communities?	Mariana Melnykovich, Ihor Soloviy, Maria Nijnik, Albert Nijnik
Marianne Hubeau	Identification of collaboration success and its influencing factors of sustainability experiments	Marianne Hubeau, Fleur Marchand, Guido Van Huylenbroeck
Marko Sakai	Emissions embodied in trade and Nationally Determined Contributions (NDCs): implications for ambitious climate targets	Marco Sakai, Stavros Afionis, Kate Scott, John Barrett, Andy Gouldson

Parallel Session 8: 13.00 - 14.30
<i>(SpS) Developing consistent theory for social ecological economics – where do we stand? - Room 328</i>
<i>Chairs: Elke Pirgmaier, Tone Smith</i>
This workshop offers a platform to collectively discuss sound theoretical foundations of our community. We will discuss in a participatory way:
1) How can we build more bridges between heterodox traditions and progressive ecological economics? - i.e. What are elements of a research agenda moving forward?
2) How can we better organize this type of research in practical terms (capacity building, collaborations, funding, outreach etc.)

Parallel Session 8: 13.00 - 14.30		
<i>Ecosystem services: complexity, financialisation, trade-offs, valuation - Room 330</i>		
<i>Chair: Gábor Harangozó</i>		
Presenting Author	Abstract Title	Authors
Bartosz Bartkowski	Existence value, biodiversity, and the utilitarian dilemma	Bartosz Bartkowski
Gabor Harangozo	Is there a golden mean for economic valuation of ecosystem services? An example of forest ecosystem services valuation	Gabor Harangozo, Eszter Kovacs, Zsuzsanna Marjaine Szerenyi, Peter Csepanyi
Turo Hjerppe	Valuation from a scratch? – Attribute generation for economic and non-economic valuation of ecosystem services	Turo Hjerppe, Heli Saarikoski, Jyri Mustajoki, Janne Artell, Eija Pouta, Kaisu Aapala

Parallel Session 8: 13.00 - 14.30		
<i>Social metabolism and systems approaches (ecological macroeconomics, consumption-production and social-ecological systems) - Room 334</i>		
<i>Chair: Christian Schleyer</i>		
Presenting Author	Abstract Title	Authors
Gianluca Gucciardi	A multiscale analysis of the EKC for Energy and for CO2	Gianluca Gucciardi, Tommaso Luzzati, Marco Orsini
Hanspeter Wieland	Applying structural production layer decomposition to analyse differences between MRIO databases: A carbon footprint comparison using EXIOBASE, EORA,GTAP and WIOD	Hanspeter Wieland, Richard Wood, Stefan Giljum, Martin Bruckner, Anne Owen
Jonathan Busch	Elements of a Low Carbon Industrial Strategy	Jonathan Busch, Timothy J. Foxon, Peter G. Taylor
Mark Meyer	Pathways to a Resource-Efficient and Low-Carbon Europe	Mark Meyer, Martin Distelkamp

Parallel Session 8: 13.00 - 14.30		
<i>Strategies for transformation to a low carbon economy - Room 336</i>		
<i>Chair: Mária Csutora</i>		
Presenting Author	Abstract Title	Authors
Gul Tunc	CO2 Content of Value Added in Trade: Turkish Case	Gul Ipek Tunc, Serap Turut-Asik, Elif Akbostanci
Serap Turut-Asik	Residential Energy Efficiency: Turkish Case	Serap Turut-Asik, Elif Akbostanci, Aysun Kartal
Sylvain Weber	Shifting intraday electricity usage through time-of-use tariffs	Sylvain Weber, Martin Péclat

Parallel Session 8: 13.00 - 14.30

(SpS) Complementing monetary evaluations by means of comprehensive environmental assessment of resources and services. The Emergy Accounting method - Room 338

Chair: Francesco Gonella

Presenting Author	Abstract Title	Authors
Paolo Vassallo	Costs and benefits of ecosystem services provisioning. A donor-side evaluation in marine protected areas	Paolo Vassallo, Paolo Povero, Francesco Massa, Giulia Dapueto, Vittorio Gazale, Marco Vannini, Aldo Zanello, Chiara Paoli
Silvio Cristiano	Downscaling the need for common resources while saving money. Lessons from an innovative socio-sanitary structure run by a humanitarian NGO: Emergency's Salam hospital in Khartoum, Sudan.	Silvio Cristiano, Christian Elia, Francesco Gonella, Emanuele Nannini, Sergio Ulgiati
Yan Gao	Dynamic Simulation of Economic-Pollution Risk Network Transmission among Cities in Huaihe River Basin Based on Interregional Trade	Yan Gao, Steve Wonder Amakpah, Gengyuan Liu