



**17th BIENNIAL CONFERENCE OF THE INTERNACIONAL  
SOCIETY FOR ECOLOGICAL ECONOMICS**  
**Economies for life: Alliances for practicing ecological  
economics in a world in transition**  
**Santa Marta, Colombia- October 26 - 28, 2023**

# **LIST OF TRACKS, ABSTRACT CODES, TITLES AND AUTHORS**

**October 26th - 28th, 2023**

**Universidad del Magdalena  
Santa Marta - Colombia**



INTERNATIONAL SOCIETY FOR  
**ECOLOGICAL  
ECONOMICS**



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## **RT01 ECO-ECONOMIES: NEW PROPOSALS FOR A SUSTAINABLE FUTURE**

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01RT01	On the Economic Rationale for Dematerialization	Hidefumi KURASAKA
02RT01	Transformation as self-preservation: on degrowth, global justice and human-nature relations in the EU bioeconomy	Sabaheta Ramcilovic-Suominen
04RT01	Diversity Matters: A Quantitative Analysis of Economic Diversity in the District of Columbia	Gayle George
05RT01	Preliminary Environmental, Social, and Economic Impacts Analysis of Single-Use Plastics Pollution Regulations: Case Study of District of Columbia, USA.	Andre Coelho, Sabine O'Hara
06RT01	Economic, Social, and Environmental Impacts of Single-Use Plastic Containers: Preliminary Findings Case Study of the District of Columbia, USA.	Andre Coelho, Sabine O'Hara
07RT01	Economic instruments for a circular economy, what options do we have?	Daniela García, Olman Segura, Jorge Rodríguez, Geannina Villalobos
09RT01	Typology of challenges that hinder the transition towards bioeconomy in Colombia	Attila Lenti, Karen Domínguez Mendoza
10RT01	Biotech or bioeconomy: six of one and half a dozen of the other?	Lhuillery Straphane, Befort Nicolas, Atmane Samih
16RT01	The rebound effect of the circular economy: locked-in between motivation and context?	Jozef Cossey, Anaïs Perilleux
19RT01	Environmental sustainability of fish farming in lakes and reservoirs	Jose Luiz Attayd, Renata Panosso, Vanessa Becker, Joana D'Arc Medeiros
20RT01	Towards a new understanding of dam-building governance	Sergio Villamayor-Tomas



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## **RT02- TREPIDATIONS IN ENERGY TRANSITIONS AND TRANSFORMATIONS**

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02RT02	The EU energy advisory hub - Local governments support through Inspirational Cases Atlas and Indicators Analysis and Dashboard	João Pedro Gouveia, Pedro Palma, Salomé Bessa, Katherine Mahoney, Miguel Sequeira
04RT02	Assessing the carbon footprint inequality of Colombian households	Enrique Gilles, Fabio Monsalve, Darwin Cortés, Germán Andrés Gallegos
05RT02	Energy transition in Ecuador: a multilevel analysis	Michelle Viera Romero, Andrés Eduardo Ángel Huertas
06RT02	Is awareness important to reduce individuals' energy consumption? Evidence from an Immersive Virtual Reality experiment	Tommaso Luzzati, Stefano Baraldi, Sara Ermini, Claudia Faita, Valeria Faralla, Pietro Guarnieri, Luca Lusuardi, Matteo Santalucia, Matteo Sirizzotti, Alessandro Innocenti
08RT02	Appliance ownership as an indicator of energy poverty	Lina Brand Correa, Karla Cedano, Harriet Thomson, Rosie Day, David Garcia, Oscar Sanchez, Tiare Robles, Manuel Martinez, Karla Ricalde
09RT02	Building Sustainable Energy Communities in Colombia: Lessons from a Pilot Project in Medellín	Georg Heinemann, Ana María Ramírez Tovar, Juan Manuel España, Christian von Hirschhausen
10RT02	Participatory Methods in Stakeholders' Value Formations for Just Energy Transitions: A Systematic Literature Review	Beste Gün Aslan, Patrícia Fortes, Nuno Videira
11RT02	Energyshed Design: Challenges and Opportunities in Right-Sizing the Energy- Economy Relationship	Jon Erickson, Matthew Burke
13RT02	"Leaving no one behind": social justice, energy access, capabilities and renewable energy transitions in Cambodia	Giuseppina Siciliano, Roberto Cantoni, Lonn Pichdara, Por Narith, Kry Solany, Morn Chimmor, Ham Oudom



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15RT02	"Poverty and Energy Services: an overview of the Colombian case"	David Arturo Garcia Torres
16RT02	Applying the Energy Return on Investment to the deforestation process. An approach to understand the loss of rainforest in the Colombian Amazon	Hernán Felipe Trujillo Q , Luis Fernando Vanegas
17RT02	Embodied Energy and Emissions in Latin America: Insights from Guatemala towards Energy Security and Environmental Justice	Byron A.Gálvez Campos, Juan M. Goyzueta, Juan P. Castañeda Sánchez
19RT02	Sustainable zone—An indicator for renewable energy-based local economies	Hidefumi KURASAKA, Hironao Matsubara
21RT02	Evaluation of an LNG value chain from Western Australia to Guangdong China in the context of China's double carbon goal from aspects of Life-cycle Assessment and process simulation	YUN XIONG
22RT02	Impacts of Climate Change on Future Energy Consumption and Renewable Energy Transition in Florida	Anna Fache, Mahadev G. Bhat
23RT02	The Political Economy of Nuclear Power in the Context of Climate Change Mitigation – An Assessment with a Special Focus on Latin America	Christian von Hirschhausen, Fanny Böse, Björn Steigerwald, Alexander Wimmers
24RT02	The failure of dams: the locals perspective.	Maria Claudia Lopez
25RT02	Political economy of Quebec's electrification plan	Tina Beigi



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02RT03	Thermodynamics and economics. A review of Nicholas Georgescu-Roegen proposal and the critics	William Sacher, Cooney paul
03RT03	Manfred Max-Neef's Threshold Hypothesis - an appraisal	Luis Valenzuela
04RT03	Beyond money: Ideas for adapting ecological economics to an ontology of the Undivided Wholeness	Jerson Lizarazo
05RT03	Is there a growth imperative inherent in our financial system?	Felix Fuders, Milagros Guerrero



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## **RT04- UNLEARNING HEGEMONIC SCIENTIFIC TRUTHS AS A WAY OF TRANSFORMING OUR SOCIONATURAL FUTURES**

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02RT04	The old must die so that the new can be born: Unlearning the western harmful scientific myths and half-truths for multispecies justice and survival	Sabaheta Ramciliovic-Suominen
04RT04	The epistemic dimension of the dialogue of knowledge: surpassing instrumentalist rationalities through el sentipensar-en-la-naturaleza (thinking-feeling-with nature).	Byron Gálvez-Campos, Victor Bonilla-Muñoz, Pablo Prado Cordova
06RT04	Embodied knowledge for pluralistic ecological solutions to pollinator decline	Alejandra Cano
10RT04	The "right-to-farm" in floodplains: framing processes to foster conservation conflict resolution?	Ann Lévesque, Jérôme Dupras, Jean-François Bissonnette
12RT04	Confronting the State, Colonialism, and Capitalism: building politics for a social existence in harmony with nature.	Cristiane Derani
13RT04	Pluralism and integration? A systematic review of ecological economics' methodological foundations	John-Oliver Engler, Max Friedemann Kretschmer, Joe Ament, Henrik von Wehrden
14RT04	Legal Pluralism and the Rights of Nature in Canada and Quebec: Examples of Growing River Rights	Inès Benadda
15RT04	Who creates content for social networks can be included in the category of citizen scientist? A case study on creators of contents about native bees.	Roberto Greco, Arcanjo Miguel Jama Antonio
16RT04	Learning together: preliminary results from a community-based wetlands restoration project in the Ramsar site Ciénaga Grande de Santa Marta, Colombia	Katharine Farrell, Wilder Borrero, Maria Margarita sierra, Ivonne Ojed, Hector Rodriguez and



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**RT5- EFFECTIVENESS OF PAYMENTS FOR  
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<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT05	Articulation between water resources plans and payment for environmental services: an analysis of Brazilian river basins	Rhennan Mecca Bontempi, Victor Eduardo Lima Ranieri
04RT05	Valuing Free-Flowing Rivers: The Influence of Social Value on Willingness to Pay for Ecosystem Services Protection	Aurora Cortés-Espino, Alfonso Langle-Flores, Carlos Gauna Ruiz de León carlosgaunaruiz@gmail.com
05RT05	Multi-level social-ecological networks in a payments for ecosystem services programme in central Veracruz, Mexico	Alfonso Langle-Flores, Adriana Aguilar-Rodríguez, Humberto Romero-Uribe, Julia Ros-Cuéllar, Juan José Von Thaden Ugalde
06RT05	The legal side of deforestation: Subnational Implications in the Colombian Amazon.	David Katz Asprilla, Marie-Gabrielle Piketty, Guido Briceño, Lilian Blanc, Joh Camacho, Alain Karsenty
07RT05	Payment for Ecosystem Services of the Sea: a new paradigm.	Olman Segura-Bonilla, Daniela García, Jorge Rodríguez, Geannina Villalobos
08RT05	Social Networks, Social Attributes, and Forest Conservation Practices among Tribal groups in Central India	Shiuli Vanaja, Niruj Deka
10RT05	Sustained conservation payments reduce deforestation in a Mexican agricultural frontier	Esteve Corbera, Hugo Charoud, Sébastien Costedoat, Santiago Izquierdo-Tort, Lina Moros, Sergio Villamayor-Tomás
11RT05	How do monetary incentives affect non-economic motivations for nature conservation? Taking stock of the empirical evidence	Julian Rode, Juan Felipe Ortiz-Riomalo, Fabian Thomas, Stefanie Engel, Erik Gomez-Bagethun, Torsten Krause, Alma Scholz



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**RT5- EFFECTIVENESS OF PAYMENTS FOR ECOSYSTEM  
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<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
13RT05	Redesigning Payments for Ecosystem Services to Increase Cost-Effectiveness: An Experiment in Chiapas, Mexico	Santiago Izquierdo Tort, Seema Jayachandran, Santiago Saavedra
16RT05	Payment for Ecosystem Services: Conservation of Grassland Birds in the Northeastern US	Allan Strong, EmJon Atwood, Stephen Swallow, Anwesha Chakrabarti, Mark LaBarr, Margaret Fowle
17RT05	Using secondary information to identify opportunity costs values, for the establishment of biological corridors to promote birdwatching activities, at county level in Caldas and Risaralda departments in Colombia.	Jaime A. Erazo, Jorge Rojas
18RT05	Comparison of biodiversity metrics in Payment for Environmental Services schemes and their relationship with conservation and restoration objectives	Orlando Vargas Rayo, Paola Arias
19RT05	Beyond payment for ecosystem services, a portfolio of comprehensive conservation strategies as an instrument for environmental governance	Juan Sebastian Valle Parra, Daniela Rey Rodero
21RT05	Environmental Federalism and Endangered Species: The Shadow Price of a Grizzly Bear	Andrea Creel, Scott Carpenter, Andrew Vogt
24RT05	Exploring the Impact of Electric Vehicle Policies in India: A Quasi-Experimental Framework	Nitish Nigam, Sibananda Senapati, Debabrata Samanta
25RT05	Discourses of performance-based payment for ecosystem services from conceptualization to implementation	Benjamin Ryan, Asim Zia, Maaz Gardezi



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## **RT06 - DEEP LEVERAGE POINTS FOR THE SUSTAINABILITY TRANSITION**

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06RT06	An investigation of global carbon quota allocation scheme from a dual perspective of UN's MDGs and inter-regional equity	JUN LI
08RT06	Business-as-usual trends largely miss 2030 global environmental targets	Ignacio Palomo, Alberto González-García, Elena M. Bennett, Eric F. Lambin, Roldan Muradian, Unai Pascual
09RT06	Challenges and opportunities for a framework integrating Sustainability, well-being, and inclusion.	Fabian Rocha Aponte, Kirsten S. Wiebe
14RT06	Participatory Systems Mapping for Water, Energy, Food and Ecosystems (WEFE) Nexus	Rita Lopes, Nuno Videira, Paula Antunes, Irene Perez-Ramirez, Rui Santos
15RT06	Leveraging knowledge for Sustainable Development Goals	Lenka Suchá, Lenka Dušková, Zuzana V. Harmáčková, Julia Leventon, Aneta Seidlová
16RT06	Gender Equity as a Deep Leverage Point for the Sustainability Transition	Laura Schmitt Olabisi, Emma Gaalaas Mullaney, Fadia Al-Bahr
17RT06	Applying Dynamic Modeling to Assess the Resilience of Socio-Ecological Systems in Coastal Nature Tourism in Mexico	Sophie Avila, Hilda Zamora, Alec Torrez
18RT06	Common Socio-ecological Thread as a Basis for Reaching Deep Leverage Points: The Case of Florida Coastal Everglades and Greater Miami, USA	Mahadev Bhat, Meenakshi Chabba, Chloe' Vorseth



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**RT06 - DEEP LEVERAGE POINTS FOR THE  
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20RT06	Renewable Energy Financing in Africa as a Leverage Point	Michael Olabisi, Laura Schmitt Olabisi
21RT06	Economic assessment of emissions generated by tourists' air transport in the Canary Islands	Ana López-Ojeda, Casiano Manrique-de-Lara-Peña, Carmelo J. León
22RT06	Designing a Financing Mechanism that Delivers for Climate, Nature and People: The Case for West Papua's Provincial Endowment Fund	Mercyta Jorsvinna Glorya, Iqballa Femme Pininfarina Sihite
23RT06	The necessity of a standard first-screening method for social life cycle assessment: reflections on the epistemology	Jessica Bosseaux, Eugene Mohareb
25RT06	The case for kindness in transformations	Ourania Papasozomenou
26RT06	Carbon Pricing: Perceived Strengths, Weaknesses and Knowledge Gaps according to a Global Survey	Ivan Savin
27RT06	The Consequences of Income Inequality for Human and Planetary Health	Thomas Kopp, Markus Nabernegg
29RT06	Estimating loss and damage by cyclone Amphan, in highest risk prone coastal district of West Bengal, India, using Sustainable Livelihood Approach	Devdyuti Bose, Trupti Mishra



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**RT07 - SUBSTANTIVE ECONOMICS AND AGROECOLOGICAL  
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06RT07	The political ecology of groundwater overexploitation in Punjab, India	Prerna Yadav, NC Narayanan
11RT07	Dialogues of Knowledge: Its Epistemic Dimension and Implications for an agroecological transition	Víctor Hugo Bonilla-Muñoz, Byron Alejandro Gálvez-Campos, José Pablo Prado Córdova
14RT07	Substantive economies: The case of the nomadic pastoral Bakkarwals of Jammu and Kashmir	Anita Sharma
15RT07	Institutional analysis of large scale agroecological transitions in India: a promising adoption by the States and the Union of successful local initiatives yet to be confirmed	Marie Dervillé, Florian Vigroux, Rajeswari Raina
16RT07	A Substantive Lens: Agroecological Transformations and the 'Role of Economics' in Analyzing the Environmental Challenges	Rajeswari Raina
17RT07	Financing India's Agroecological Transformations: Concerns and Prospects	Rajeswari Raina, Tara Nair
18RT07	Rediscovering the Indigenous Multi-Cropping Systems of India	Prachi Patil, Swaran V, Srijit Mishra, Ravindra A, Aman Aman, Smrutimayee Sarangi
19RT07	Measuring Agroecological System Interactions and Productivity: Lessons from Rainfed Agriculture in India	Trinath Taraputia, Adusumilli Ravindra, Rajeswari Raina
20RT07	Deprivilегing ("Modern") Science and the Posthuman Turn: Embedding Agroecology in Wider Socio-anthropological Debates	Antje Linkenbach



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#### RT07 - SUBSTANTIVE ECONOMICS AND AGROECOLOGICAL EXPERIMENTS: CHANGING KNOWLEDGE-POLICY CONTENTS AND RELATIONSHIPS

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22RT07	How will vulnerability and the trade-offs between coffee yield and ecosystem services impact well-being in the future? A spatial-dynamic modelling	Sophie Avila, Pierre Mokondoko, Driss Ezzine de Blas, Mauricio Galeana
23RT07	The Transformative Value Chain: Rethinking food system interventions	Aicha Mechri, Markus Hanisch, Hendrick Haenke
25RT07	Blueprinting Knowledge-Policy Contents and Relationships: ALPMEMA - ALPine MEadows MAnagement as a win-win agricultural situation	Volker Mauerhofer
26RT07	Nature-based Solutions as a Productive Alternative for the Potato Crop in the Páramo Ecosystem: A Case Study of Nazareth, Sumapaz, Bogotá	Salomé Cataño, Carlos León
27RT07	The effect of forest distance to the pollinating bees community and coffee farm yield.	Martin Murillo, Jeffrey Larkin, Kelly Diaz
28RT07	Identification and understanding key areas of the agri-food systems of Guasca and Guatavita (Colombia) and its relation with climate change: application of the MESIS method.	Jaime A. Erazo, Maria Carolina Gomez, Juliana Guevara, Jorge Rueda
30RT07	Surveys vs. remote sensed data: an evaluation of crop yields in Comoros	Cristian Morales Opazo, Solène Masson, Regine Weber
36RT07	Nature Based Solutions for a practical implementation of WEF Nexus in Agrifood systems	Irene Pérez-Ramírez, Paula Antunes, Rita Lopes, Rui Ferreira dos Santos, Nuno Videira
37RT07	Procurement of an Orphan Crop, Finger Millet (Ragi), in Odisha, India: Impact on Acreage and Prices and Challenges Faced	Srijit Mishra, Aman Aman, Smrutimayee Sarangi, Swaran V, Gijivisha Khattri, Ravindra Adusumilli
38RT07	The interplay between cultural neuroscience and sustainable bioregional food systems	Sergio Ramirez, Mario Ubiali



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**RT08 - AN INTEGRATIVE VIEW OF  
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<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT08	The Economics and Ecology of Shade-grown coffee: A Model to Incentivize Shade and Bird Conservation	J. Nicolas Hernandez-Aguilera
05RT08	Coffee farmers willingness to accept payments for ecosystem services: Evidence from a choice experiment in Honduras	Peter Schuhmann, Ana Quiñonez, Timothy Randhir, Caz Taylor
06RT08	SES modeling to inform the design of more sustainable coffee production systems	Caz Taylor, Marcela Cely-Santos
08RT08	Cacao versus the Cow: Institutional and Production Dynamics of Viable Perennial and Agroforestry Land Use on the Transamazon Highway, Brazil	Robert B. Davenport, Gabriel C. Carrero, Susanna B. Hecht, Benno Pokorny, Miquéias F. Calvi, Daniel P. P. Braga, Luiz F. M. Martenexen



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**RT09 - TRANSFORMATIVE CHANGE IN THE FORESTRY  
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O1RT09	Can political representation improve forest conservation? The Indian Experience	Bina Agarwal, Shiva Sharma, Shamindra Roy
O2RT09	Transformative Chance in the Forestry Sector	Sazcha Marcelo Olivera Villaroel, Rafael Calderón-Contreras
O3RT09	Greening for the greater good: socio-economic impacts of land restoration in the Great Green Wall	Ana Paula de la O Campos, Carly Petracco, Elsa Valli, Nicholas Sitko
O4RT09	How Tall Can a Tree Grow?: A normative claim for the future of forestry economics in Chile	Tomas Leyton
O6RT09	Social Cost-Benefit Analysis of Natural Treatment Systems in India	Indranil De, Vishal Tandel
O8RT09	Is farmers' local knowledge integrated into the knowledge management of cacao agroforestry systems? A participatory approach based on cognitive mapping	Tatiana Rodríguez, Michelle Chevelev-Bonatti



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**RT 10- “BUSINESS ECOLOGICAL ECONOMICS” –  
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01RT10	Inherently unstable? Scaling, mission drift, and the comparative performance of community-based platforms in the sharing economy	Jozef Cossey, Anais Perilleux, Tom Dedeurwaerdere
02RT10	Rebounding in your absence? A structured literature review on the neglect of rebound effects in management theory	Jozef Cossey
03RT10	Postgrowth (food) enterprises: case studies from Australia	Sabrina Chakori, Tira Foran, Enayat Moallemi, Nicky Grigg
04RT10	Standards or Sub-standards? A study of differential standards within soybean certification programs.	Aditi Gautam, Alexandra Sadler, Sudha Narayanan
05RT10	Corporate Carbon Leakage: An Emerging Problem on the Path to Net Zero	Jeffrey Wilson, David Billedeau
06RT10	Corporate social irresponsibility : the Chevron-Texaco case in Ecuador	Joan Martinez Alier
07RT10	An estimate of future social and environmental costs of large-scale mining in Ecuador, 2020-2120	William Sacher
08RT10	COVID-19 Impacts on Whale-Watching Collaboration Networks	Alfonso Langle-Flores, Zinthia López-Vázquez, Rosa María Chávez-Dagostino, Adriana Aguilar-Rodríguez



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## **RT 11- TRANSDISCIPLINARITY AND SOCIAL- ECOLOGICAL TRANSFORMATIONS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
02RTI1	Conceptualising 'water walks' as a research method to gather data in water-related transdisciplinary social research.	Kevin Grecksch, Kirsty Holstead
03RTI1	Transdisciplinary processes for transformation: perspective from the white spots on the global knowledge map	Lenka Suchá, Zuzana V. Harmáčková
04RTI1	Meteorological forecasts as informational commons, a new way to approach collective action for agriculture?	Fabrice Moisson, Anne-Gaël Bilhaut, Armelle Mazé
05RTI1	Systematization of experiences of 19 Participatory Rural Appraisals for adaptation to climate change in the Guatemalan Dry Corridor	Víctor H. Bonilla-Muñoz, Alejandra Cabrera-Robles
06RTI1	Limits to plurality? Navigating strong and weak sustainability tensions	Sabrina Chakori, Nicky Grigg
07RTI1	Delving deeper through a systematic literature review: Unveiling insights from participatory processes in the path to sustainable transformation at local level	Lina Arroyave, Rita Lopes, Rui Santos, Jelle Behagel
09RTI1	Characterizing four Mechanisms for Transformative Change through Transdisciplinary Approaches: A case of Sustainable Livestock Systems	Rafael Calderón-Contreras
10RTI1	Socio-environmental vulnerability in Spain: A preliminary assessment and policy recommendations in the context of climate change, depopulation and trade globalization	Sergio Villamayor-Tomas



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<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
11RT11	Cocina Colaboratorio: Nurturing transformative changes towards more just and sustainable local food systems	M. Azahara Mesa-Jurado, Patricia Balvanera, Lucia Pérez-Volkow, Nicolás Roldán, Mariana Martínez, Reyna Domínguez-Yescas, Diego Hernández, Adriana Cadena-Roa
12RT11	The role of heritage to foster regeneration of urban systems: The case of Historical Urban Centers in Europe	Rita Lopes, João Pedro Gouveia, Mara van Twuijver, Peter Van de Glind, Helen Toxopeus, Niels Bosma
13RT11	Household pro-environmental behaviour impacts and their relationship to insurance claim frequency and severity	Jeffrey Wilson, Kayleanna Giesenger
17RT11	'Ecological Warriors' versus 'Economic Producers': Studying State's Responses to Two Social Movements in India.	Dr Rama Naga, Ms Simone Zoya, Khan
19RT11	Biodiversity in Europe on the crossroads between green and digital: Case of European Union strategy for the Danube region	Sanja Tišma, Ana-Maria Boromisa, Iva Tolić Mandić, Andrea Ruk
21RT11	Cross-Pollinating with Indigenous Ways of Knowing for an Economy that Conserves Stingless Honeybees	Alejandra Cano
22RT11	Is farmers' local knowledge integrated into the knowledge management of cacao agroforestry systems? A participatory approach based on cognitive mapping	Tatiana Rodríguez, Michelle Chevelev-Bonatti



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## **RT 12- DIALOGUES WITH DEGROWTH FROM THE MAJORITY WORLD**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT12	Unequal exchange and extractivism: converging struggles towards a post-growth world	Andrea Rizzi
03RT12	Degrowth and the State: Lessons from the Institutionalisation of Buen Vivir.	Calum Wheeler
04RT12	Confronting growthism: Tales of sufficiency in the Global South	Gisela Ruiseco



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## **RT 13- WORLD BUILDING THE ECOZOIC: THE NORMATIVE WORK OF ECOLOGICAL ECONOMICS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
03RT13	Quebec sustainable mobility plan - An ecological economic perspective	Tina Beigi
04RT13	Indigenous cosmovisions are the roots and fruits of Ecological Economics	NINA SMOLYAR
05RT13	Using the 'Ologies of the Ecozoic as a Framework for Theory Development	Shaun Sellers
06RT13	The Power the Commons: Shifting to the Ecozoic	Julia Danielsen, Lizah Makombore
07RT13	Joining the narrative of Ecozoic	Suneetha Saggurti, Gerard Farias, Christine Farias
08RT13	Eco-Currency and Sustainability: A Case of the Atlantic Forest	Danish Hasan Ansari, Joshua Farley, Joe Ament, Abdon Luiz Schmitt Filho
10RT13	Low carbon economic growth in the least developed nations. Is it possible?	Anita Labane
12RT13	The role of money in Ecological Economics	Felix Fuders
13RT13	A review of industrial policy for socio-ecological goals	Rubaina Anjum, David Grace



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**RT 13- WORLD BUILDING THE ECOZOIC: THE  
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ECONOMICS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
14RT13	Ecosystem Services for the Ecozoic: Nature's benefits to the Biotic Community	Joshua Farley, Juliana Neira, Nina Smolyar, Rigo Melgar, Danish Ansari
15RT13	Two faces of financial disequilibrium: essential resources and existing assets	Joshua Farley
17RT13	The Real Versus Virtual Wealth of Nations	Rigo Melgar, Joshua Farley
18RT13	Creating Space for Imagination Using Living Labs and Serious Games in an Agri- Environmental Performance-based PES Experiment	Benjamin Ryan, Asim Zia, Halimeh Abuayyash, Scott Merrill
19RT13	'Geo'politics to the Ecozoic?	Shashank Poudel



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## **RT 14 - SUPPORTING INTERDISCIPLINARY CAREERS FOR SUSTAINABILITY**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
O1RT14	Supporting interdisciplinary careers for sustainability	J. Nicolas Hernandez-Aguilera
O2RT14	Supporting underserved individuals and small organizations in conservation and sustainability through coordinated collaboration	David M Hudson



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**RT 15 - TRANSFORMATION IN TELECOUPLED GLOBAL  
COMMODITY CHAINS: LINKING SYSTEMS OF  
CONSUMPTION WITH TERRITORIES OF EXTRACTION**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT15	Transformations in the EU anti-deforestation policies: The more things change the more they stay the same	Sabaheta Ramcilovic-Suominen, Elke Verhaeghe
02RT15	Transparency in global commodity supply chains – the role of invisible actors and black boxes	Barbara Schröter, Diana Vela Almeida, Gisele Garcia Alarcón, Tadzkia Nurshafira, Marcela Vecchione-Conçalves, Torsten Krause
03RT15	Reinforcing path marginalization: uncovering the invisible labor organization at a mining frontier in Indonesia	Diana Vela Almeida, Asbjørn Karlsen
04RT15	'Responsible' gold mining in Colombia: an achievable utopia?	Christoph Kaufmann, Leonardo Guiza-Suarez
05RT15	Unpacking the politics of "responsible" gold	muriel côte
06RT15	Sustainable governance of the global palm oil telecoupled system: insights from cases in Colombia and Peru	Marcela Muñoz Escobar, Diego Brizuela Torres, Julian Rode, Yves Zinngrebe
07RT15	The Social Fabric of Biodiversity at Risk: possibilities of managing rights and politics in the globally connected Amazon Rainforest	Marcela Vecchione Conçalves, Gisele Alarcon, Rafaella Sena Pinto
08RT15	When Trade and Conservation Routes meet Lifeways: affections and social, ecological and environmental effects of infrastructural expansion in the Brazilian Amazon	Marcela Vecchione Conçalves, Rafaella Sena Pinto, Gisele Alarcon, Tomaso Ferrando
09RT15	Impacts of the transition to organic soybean production and certification in central India	Alexandra Sadler
10RT15	The Indonesian tin futures trading and sustainability requirements: when the commodity market meets local politics	Nanang Indra Kurniawan, Raras Cahyafitri, Tadzkia Nurshafira, Diaz Prasongko, Diana Vela Almeida



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**RT 15 - TRANSFORMATION IN TELECOUPLED GLOBAL  
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12RT15	Global Initiatives and National Policies on Sustainable Palm Oil and the Politics of Legitimation : A Case Study on Palm Oil Intensification in West Kalimantan, Indonesia	Debbie Prabawati
13RT15	Systemic Risks in the Brazilian Gold Value Chain	Luiz Jardim Wanderley, Roldan Muradian, Carolina Grottera
14RT15	Mechanisms of gold laundering in Brazil and Colombia: Implications for global gold supply chain governance	Torsten Krause, Barbara Schröter, Roldan Muradian, Lasse Loft, Carolina Grottera, Leonardo Guiza Suarez, Luiz Jardim De Moraes Wanderley, Paula Andrea Sanchez Garcia
15RT15	The relationships between food-related trespassing of nitrogen planetary boundary and nourishment levels. Mapping the trajectories of countries in the food's safe and just operating space (1961-2020)	Eduardo Aguilera, Juan Infante-Amate, Gilles Billen, Rasmus Einarsson, Josette Garnier, Luis Lassaletta
16RT15	"European Union and United Kingdom's Deforestation-Free Supply Chains Regulations: implications for Brazil"	Susan Martins Cesar de Oliveira, Louise Nakagawa, Gabriela Russo Lopes, Jaqueline C. Visentin, Matheus Couto, Chris West
18RT15	Beyond due diligence on imported deforestation: from symptomatic treatment to 'disease control' in global agricultural value chains.	Jorge Sellare, Jan Börner, Yaghoob Jafari
19RT15	Polycentric governance in value chains of the Amazon bioeconomy: The role of meso-institutions for collective action	Elis Feitosa, M Sylvia Saes



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## RT 16 - THE POLITICAL ECOLOGY OF PAYMENTS FOR ECOSYSTEM SERVICES: ASSESSING THE VALUE FRAMEWORKS UNDERPINNING 15 YEARS OF PES RESEARCH AND PRACTICE

CODE	Title of the Abstract	Authors
01RT16	A Largely Northern-driven Agenda: A Systematic Review of 15 Years of Knowledge Generation on Payments for Ecosystem Services (PES)	Gert Van Hecken, Vijay Kolinjivadi, Pierre Merlet
03RT16	The Colombian Amazon Jungle: from House of the Spirits to Carbon Sink	Laura Gutierrez Escobar, Nelsa De la Hoz, Nathalia Hernández Vidal, Diego Silva Garzón
04RT16	Equivalence as Ecocide: Payments for Ecosystem Services, Compensatory Afforestation, and Great Nicobar Island	Vijay Kolinjivadi
07RT16	Justice at the edge of chaos: strengths, weaknesses and opportunities in Colombia's post-peace-agreement carbon credits boom	Katharine Farrell



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## **RT 17 - PLURAL VALUES/VALUATION OF NATURE**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT17	Vulnerability analysis of food production and nutrient consumption on pollinators decline The Case of Smallholder Farm Households in Huye region in Southern Rwanda	Zafarani Uwingabire, Nicola Gallai
02RT17	Connecting worldviews, knowledge systems and values: An inclusive values typology for navigating transformations toward a just and sustainable future	Christopher Raymond, Christopher Anderson
03RT17	An Alternative To The Hegemony Of Willingness-To Pay: Contributory Value In Nature And The Economy	Murray Patterson
04RT17	Why protect nature? The multiple values of human-nature relationships	Barbara Muraca, Austin Himes
05RT17	Human - Animal conflict: optimizing sustainable numbers of cranes in the Agamon Wetland in Israel	Nir Becker, Yanay Farja Asael Greenfeld Nonka Markova Frank Wätzold
06RT17	The social valuation of a free-flowing river: a comparative analysis between two communities using semantic networks	Aurora Cortés-Espino, Alfonso Langle-Flores Carlos Gauna Ruiz de León Rosa María Chávez Dágostino
07RT17	Valuing Water: A Global Survey	Christopher Schulz, Julia Martin-Ortega, Klaus Glenk, Lukas Wolf
08RT17	Exploring value pluralism and conflict in glacier environments	Mine Islar, Erik Gomez-Baggethun
09RT17	Valuation of nature in practice: the Valuing Water Initiative case	Sofia De la Rosa Solano, Christopher Schulz, Cristal Ange, Maarten Gischler



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<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
10RTI17	Valuing the Use of Marine Grazers as a Tool for Facilitating Coral Reef Restoration in the Florida Keys	Brandon Sosa, Mahadev Bhat, Mark Butler
11RTI17	The potential economic consequences of sargassum influxes in San Andrés Colombia: An analysis of tourists' willingness to pay and willingness to visit	Peter Schuhmann, Julian Prato Valderrama Hazel Oxenford Jeanelle Irvine
12RTI17	The role of values in future scenarios: What types of values underpin (un)sustainable and (un)just futures?	Zuzana V. Harmackova, Yuki Yoshida Nadia Sitas Leilani Mannetti Adrian Martin Ritesh Kumar Patrick O'Farrell
14RTI17	Beyond Willingness to Pay: Social, Cultural, Ecological, and Economic Values of an Impaired Lake in Florida, USA	Chloe' Vorseth, G. Andrew Stainback Mahadev Bhat
15RTI17	Bioindication as value-articulating institutions : Advancing towards the integration of local knowledges and values	Paula Catalina Pinilla Cortés, Paola Arias Arévalo, Magnolia Longo Sanchez
16RTI17	The relationship between willingness to give up time and relational values, and their contribution to the management of environmental conservation conflicts	Juan Sebastian Valle Parra, Daniela Rey Rodero
17RTI17	The role of power for leveraging the diverse values of nature for transformative change	Paola Arias-Arévalo



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**RT 18 - BUSINESS AND ENVIRONMENTAL  
JUSTICE: A POLITICAL ECONOMY PERSPECTIVE**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RTI8	Business and Social & Environmental Justice: An Oxymoron	Gerard Farias, Christine Farias
04RTI8	Corporate environmental justice: A transaction cost-based approach	Bruno Varella Miranda, Guilherme Fowler A. Monteiro
05RTI8	Assessing the performance of voluntary environmental agreements under high monitoring costs: Evidence from the Brazilian Amazon	Bruno Varella Miranda, Gustavo Magalhães de Oliveira
07RTI8	Integrated economic and ecological evaluation of soil formation and pests and diseases ecosystem services of oil palm plantations in two regions of Colombia	Silvia Rivera, Jaime A. Erazo, Adriana Hurtado, Juliana Morales, Miller Castañeda, Jenny Marcela Ramirez



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**RT 19 - SUPPLY-SIDE CLIMATE POLICIES AND THE FIGHT TO  
LEAVE FOSSIL FUELS UNDERGROUND: SOCIAL  
MOVEMENTS IMAGINING A FUTURE BEYOND FOSSIL  
CAPITALISM**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
02RT19	Imagining the end of fossil capitalism: Supply-side climate policies and the fight to leave fossil fuels under the soil	Lorenzo Pellegrini
03RT19	The atlas of unburnable oil: Spatial criteria for supply-side climate policies and fossil fuel divestment campaigns	Martí Orta-Martínez, Lorenzo Pellegrini, Murat Arsel, Gorka Muñoa, Guillem Rius-Taberner
06RT19	Energy poverty and exposure to emissions from power plants lead to health vulnerability in rural India	Shyamasree Dasgupta



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## **RT20 - SUSTAINABILITY AND WELLBEING**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT20	Living in the 'doughnut': reconsidering the boundaries via composite indicators	Gianluca Gucciardi, Tommaso Luzzati
02RT20	Environmental limits: What are they really?	Erik Gomez-Baggethun
03RT20	Measuring transitions of European regions: Towards sustainable human development ?	Mario Biggeri, Tiziano Distefano, Adam Francescutto
04RT20	Social Sustainability & Human Development	Nancy Landrum, Gerard Farias, Ana Simaens
05RT20	The challenge of dignifying the invisible role of waste collectors through source-sorting in Xalapa, Mexico	Claudia Anaid Landa-Reyes, Katia Romero-León
06RT20	People's place in state-run forest management: A study of limited capability in Himachal Pradesh, India	Kritishnu Sanyal, Shyamasree Dasgupta
07RT20	Identifying barriers to rural transformations through the lenses of futures thinking and justice	Zuzana V. Harmackova, Barbora Nohlova
08RT20	Participatory planning as a response to the climate and housing crises: using a needs-based approach to imagine a sustainable future for the Latino community of East Boston, MA	Patricio Belloy Kauak, Lina Gomez Rico
11RT20	The Human Scale Development Index: first experiences, shortcomings and suggestions for further improvements	Felix Fuders
13RT20	The socio-economic dimension of food security: an index for country-level analyses	Alessandro Tavoni, Paolo D'odorico, Davide Castellani



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## **RT22 - INTERNATIONAL TRADE**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
02RT22	Towards a Social Ecological Theory of Trade	ShaunSellers
03RT22	Reconceptualizing agricultural trade impacts on biodiversity: metrics, mechanisms, and better counterfactuals	Andrea Pacheco, Jan Börner
04RT22	Global international trade falls into dynamics of ecological unequal exchange: An empirical analysis using input-output and ecological network analysis	Raffaele Guarino, Giulio Corsi Enrique Muñoz-Ulecia



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**RT24 - ECONOMÍA ECOLÓGICA Y DERECHOS DE LA  
NATURALEZA. INSTRUMENTOS DE ANÁLISIS ECONÓMICO  
Y POLÍTICAS PÚBLICAS DESDE EL ORDENAMIENTO  
TERRITORIAL Y LAS POLÍTICAS DE DEMANDA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
02RT24	Modelización matemática de los Derechos de la naturaleza para implementar Políticas públicas. El caso del Ordenamiento territorial	MARÍA ESTRELLA SÁNCHEZ-CORCHERO
05RT24	La naturaleza: Grave exclusión en la productividad total de los factores en el siglo 21	Carlos Fonseca
06RT24	Evaluación económica de alternativas de uso del suelo : Cuenca de De Ríogrande II	Lina Marcela García Tavera, Juan David Osorio Munera
08RT24	Indicadores de Resiliencia socioecologica en sistemas territoriales de Innovación de los municipios de Pradera y Florida en el Valle del Cauca, Colombia	Joan Fernando Díaz Calderón, Sonia Daryuby Ospina Hernandez, Eliana Martinez Pachon, Maricel Piniero, Carlos Eduardo Narvaez Marmolejo



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**RT25 - GOBERNANZA DE BOSQUES Y MECANISMOS DE MERCADO. EL CASO DE LOS PROYECTOS REDD+**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
02RT25	Valoración económica de la protección de servicios ecosistémicos en una zona de amortiguamiento en Costa Rica	Mary Luz Moreno Díaz
05RT25	Conservación de servicios ecosistémicos a través de incentivos de conservación dirigidos a la mitigación de la pobreza y deforestación: evaluación del impacto del PSA en Oaxaca, México	Sophie Avila, Pierre Mokondoko, Mauricio Galeana, Juan Manuel Nuñez, Sébastien Costedoat, Santiago Izquierdo-Turot
06RT25	Carbono, conflictos y apropiación de valor en el Pirá-Paraná, Colombia	Juana Davila
07RT25	REDD+ como herramienta para evitar la deforestación y la expansión de cultivos ilícitos en el Pacífico Colombiano	Brigitte Castañeda, Carolina Castro, Santiago Herrera, María Alejandra Vélez
08RT25	Mercados informales de tierras y Servicios Ecosistémicos en la Amazonía Colombia	Mauricio Velasquez
09RT25	Adicionalidad de proyectos REDD+ en el gran resguardo del Vaupés Colombiano: Una perspectiva mixta para evaluar su impacto.	Dominique Schmid, Ana Duden, Carolina Castro
10RT25	Equidad y transparencia de los proyectos REDD+, el papel de los estándares.	Andrés Bermúdez, Juana Davila, Carolina Castro
12RT25	Adaptaciones en la toma de decisión con impacto en la pérdida y deterioro del bosque nativo a nivel predial en las regiones de Los Ríos y Los Lagos, entre 2013 y 2020.	Rafael Sanhueza Venegas, René Reyes Gallardo, Roberto Pasten, Lisandro Roco
14RT25	Análisis del desarrollo de nuevos enfoques de gobernanza para la prestación de servicios ecosistémicos forestales. Cinco estudios de caso en Europa	Stefan Sorge
17RT25	IMPLEMENTACIÓN DE ESTUFAS ECOLÓGICAS ECOEFICIENTES Y PARCELAS DENDROENERGÉTICAS EN ECOSISTEMAS ESTRATÉGICOS DEL DEPARTAMENTO DEL VALLE DEL CAUCA	NASLY VIDALES
18RT25	Valoración económica de mejores prácticas de avistamiento de ballenas en el Pacífico Colombiano	Natalia Zapata Delgado, Clara Inés Villegas Palacio



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## **RT 26 -TRANSICIONES SOCIOECOLÓGICAS: UNA MIRADA A LA CONSTRUCCIÓN DE ALTERNATIVAS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT26	La lucha por el agua y por la vida: un análisis del conflicto socioambiental en el gran Bosque de Agua	Domingo Rafael Castañeda Olvera
02RT26	Gobernanza ambiental y seguridad hídrica en las zonas rurales colombianas: De la valoración sentipensante al reconocimiento del derecho a la gestión comunitaria del agua	Lukas Lezama Ayala, Alexandre Almeida Avignon
03RT26	Redes hidrosociales en transición: cooperación y cuidado del agua en una Cuenca abastecedora de la ciudad de Cali.	Catalina Trujillo-Osorio
05RT26	Inseguridad hídrica en el piedemonte amazónico	Litza González Barona, Diana Hurtado Chaves
06RT26	Propuesta metodológica para el análisis de alternativas de reconversión productiva que contribuyan a la transición energética justa en territorios afectados por la minería de carbón a gran escala: caso de estudio La Jagua de Ibirico, Cesar.	ATALIA MEJIA BRITO, ARANZA BANDA PEREZ
09RT26	Los sistemas de captura de agua de lluvia, una oportunidad para la solidaridad en la gestión del agua	Katia Romero, Rosa Martínez Hernández
10RT26	Innovación y seguridad hídrica en las zonas rurales: la tecnología AquaLuz en la región semiárida brasileña	Lukas Lezama Ayala, Alexandre de Almeida Avignon
12RT26	Huertas Urbanas en Cali: Hacia una propuesta de cambio	Angie Marcela Hurtado Campo, Mateo García Candela, Fabio Alberto Arias Arbeláez
13RT26	Red de Huertos Agroecológicos de Cali: Autonomía, Legitimidad, Agua y Tierra.	Kelly Rengifo, Sara Celis



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## **RT 26 -TRANSICIONES SOCIOECOLÓGICAS: UNA MIRADA A LA CONSTRUCCIÓN DE ALTERNATIVAS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
14RT26	El posible rol de los pequeños vendedores de agua en la justicia hídrica del Sur global	Jaime Paneque-Gálvez, Esteban Boj-García, Dimitrios Zikos
17RT26	Analysis of the socio-ecological relationships between biodiversity and agricultural development: La Mojana Case Study (en)	María Angélica Parra, Milena Umaña, Juan Camilo Sánchez, Jaime A. Erazo
18RT26	Resiliencia socio-ecológica de agroecosistemas bajo escenarios de cambio ambiental	Clara Villegas-Palacio, Andrea Suárez-Pardo, Lina Berrouet
19RT26	De Fósiles a Fotones: La Odisea de la transición energética en México	Aleida Azamar Alonso
20RT26	¿Por qué Colombia debería cerrar sus termoeléctricas a carbón en el marco de una transición energética justa?	Lorena López Orellano
21RT26	El efecto de la deforestación en la generación de energía hidroeléctrica : evidencias en el territorio colombiano	JORGE ENRIQUE ROJAS SANCHEZ



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## **RT27- DIÁLOGOS CON EL DECRECIMIENTO DESDE EL MUNDO DE LAS MAYORÍAS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT27	MacroEconomía Ecológica: la construcción de una agenda política para los países en desarrollo	Junior Ruiz Garcia
02RT27	Decrecimiento, asimetrías globales y justicia ecosocial: perspectivas decoloniales desde América Latina	Miriam Lang
06RT27	La celebración como satisfactor sinérgico en el fortalecimiento de comunidades, para la transición hacia el buen vivir.	Fernanda Pinedo Bulnes
07RT27	Educación a Escala Humana y Economía Descalza en Acción Territorial	Lina Marcela Gómez Rico, Christian Henriquez Zuñiga, Francisca De Paula Da Silva
08RT27	Hegemonía, Buen Vivir y Decrecimineto: Una diálogo crítico.	Alex Javier Samaniego Villacis
09RT27	Nuevo Acuerdo Verde: una mirada desde la Economía Ecológica	Junior Ruiz Garcia



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## **RT28- ECONOMÍAS PARA LA VIDA Y ECONOMÍAS**

<b>CODE</b>	<b>“OTRAS” Title of the Abstract</b>	<b>Authors</b>
01RT28	Las economías diversas de humanos y abejas en un territorio no del todo comodificado. El caso del bosque seco chiquitano en Bolivia.	Stefan Ortiz Przychodzka
02RT28	Economía Popular: (estudio de caso sobre las vendedoras ambulantes en el Veinte de Julio en Bogotá).	Jenny Cervera Quintero, Dioselin Escobar Castillo
03RT28	Algunas reflexiones filosóficas para posibilitar alternativas al desarrollo desde la educación ambiental en las universidades	MARIA LUISA ESCHENHAGEN DURÁN
04RT28	Co-diseño indígena hacia una economía biocultural para el territorio Mapuche-Lafkenche Lago Budi	Ignacio Krell, Alison Guzman, Fernando Quilaqueo
05RT28	Explorando la mirada de comerciantes en vecindarios alimentarios de Lima y Quito y su relación con la búsqueda de una alimentación más saludable, sostenible y justa	Jose Carlos Silva Macher
18RT28	Universidad a escala humana: saberes en diálogo para el buen vivir territorial en la región de Coquimbo, Chile	Lina Gómez Rico, Boris Silva-Burgos, Christian Henríquez Zúñiga
09RT28	Indice de pobreza multidimensional: Necesidad urgente de ajustes en Colombia y a nivel global	Carlos Fonseca
10RT28	Riqueza territorial sustentable: Nuevos conceptos e instrumentos para afrontar el siglo 21. Medición en Colombia y Ajustes Recientes.	Carlos Fonseca
11RT28	El sector de fitoterapéuticos dentro de la bioeconomía: lecciones aprendidas del estudio del caso de Brasil para la región	Eimy Cubides Zuñiga, Nataly Cubides Zuñiga, Maria Beatriz Machado Bonacelli, Rosana Icassatti Corazza



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<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
12RT28	Economías para la paz, economías para sanar el territorio. Campesinado y construcción de paz en Colombia. Caso: La Montaña, Caquetá	Luz Angela Rodríguez Ramírez, Diana Lucía Maya Vélez
13RT28	Más allá del dinero: Ideas para la adaptación de la economía ecológica a una ontología de la Totalidad No Dividida	Jerson Lizarazo
14RT28	Perspectivas para entender la bioeconomía como una construcción biocultural	Marcela Cely-Santos, Stefan Ortiz
15RT28	Agroecología en Colombia: una aproximación desde economías para la vida	Jhoan Sebastian Herran Sanabria, Geraldine Stephanía Contreras Cano
16RT28	Desarrollo Territorial Regenerativo como Alternativa al Modelo de Desarrollo Extractivista - Reflexiones desde el Consejo Autoconvocado de Gestión Territorial por La Reserva de la Biósfera La Campana-Peñuelas en contexto constitucional chileno	Mauricio Espinoza Pino, Mónica García Sepúlveda, Carlo Pérez Basaure
20RT28	Diseño para la transición hacia una(s) economía(s) para la vida	Laura Mora Villamil, Alisson Espitia Torres
23RT28	Puentes poscoloniales con innovaciones de base: perspectivas de las ecoaldeas sobre la colaboración con grupos marginados en el Sur Global	Rebeca Roysen, Lasse Kos, Nadine Brühwiler, Jens Köhrsén



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**RT29- HACIA UNA VALORACIÓN PLURAL E INCLUYENTE DE LA NATURALEZA EN LATINOAMÉRICA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT29	Evaluación de los efectos de la expansión urbana de la Comuna 3 de Bello sobre los servicios ecosistémicos del Área Recreativa Piamonte: estrategias para la sostenibilidad del territorio	Juan Fernando Arango Sánchez
02RT29	Dependencia de los medios de vida locales en los servicios ecosistémicos: Evidencia en el delta del río Usumacinta, México	Vera Camacho Valdez, Iker Etxano, Andrea Saenz Arroyo
03RT29	Revisión de las evaluaciones gubernamentales del pago por servicios ambientales hidrológico mexicano (2003-2011)	Iskra Alejandra Rojo Negrete
05RT29	Dinámica de los Agroecosistemas bajo el enfoque de Sistemas Socio-ecológicos. Caso de estudio: Cuenca Hidrográfica del Río Grande y del Río Chico	Clara Villegas-Palacio, Cristina Vargas-Betancur, Juan David Osorio
08RT29	Análisis de los valores ambientales en contextos mineros: Escuchando las voces de niñas y niños	Maria Vergara Montero
09RT29	Con o sin pago yo conservo: Exploración de valores intrínsecos, relaciones e instrumentales en Pagos por Servicios Ambientales en área rural del municipio de Cali, Colombia.	Andrea García Lozano, Paola Arias Arévalo ,Nicol Pacheco Valdés
10RT29	Objetivos plurales y Pagos por Servicios Ambientales Comunitarios: Un análisis institucional de un programa implementado en el post-conflicto en Jamundí, Colombia.	Nicol Pacheco-Valdés, Paola Arias-Arévalo
11RT29	No toda herramienta pasada es mejor: vincular investigación y políticas públicas sin valoración monetaria	Gabriel-Alejandro Perilla, Diana Ruiz Rios, Anny Merlo Moreno



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## **RT30- DERECHOS DE LA NATURALEZA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT30	La personería jurídica del Río San Lorenzo en Canada	Yenny Vega Cardenas
03RT30	Los congreso de sabeduría ancestral y agroecología, una mirada interdisciplinaria a la madre naturaleza	MARGARITA ARISTIZABAL ARIZA
05RT30	Los derechos de la naturaleza en el litigio del cambio climático	Catalina Vallejo Piedrahíta, Helena Dolabela
06RT30	Relaciones hidrosociales alternativas con el río Cauca y la agencia del derecho	Yesica Pérez Correa



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## **RT31 - DESARROLLO Y POST DESARROLLO: UNA REFLEXIÓN DESDE AMÉRICA LATINA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT31	Postdesarrollo y resistencia a procesos de acumulación por desposesión en Buenaventura y Montes de María	Camilo Durán Acevedo
03RT31	Las presas hidroeléctricas de Betania y Quimbo en Colombia: un ejemplo de la manifestación del neoextractivismo en América Latina	Thais Oliveira de Oliveira



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**RT32-ECONOMÍA ECOLÓGICA RADICAL:  
TOMANDO EN CUENTA A LAS PERSONAS Y LA NATURALEZA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT32	La Economía Ecológica Radical: Un enfoque para los pueblos del Sur Global	David Barkin
02RT32	Planes de Vida Indígenas: Alternativas para la Producción y Reproducción de la Vida. Estudio de caso Chaparral, Tolima (2001 - 2023)	Juan Gómez García
03RT32	La diferenciación de la Economía Ecológica Latinoamericana	Guillermo Peinado, Claudio Passalía
05RT32	La economía desde la visión de los pueblos y nacionalidades amazónicos del Ecuador	Óscar Luna, Luis Shiki, Federico Katan
06RT32	El papel de las mujeres comunitarias en el trabajo de cuidado, la autonomía y la sustentabilidad. Reflexiones desde la economía ecológica radical	Erika Carcaño Valencia, María Fernanda Ortega Valdez, María de Lourdes Barón León
08RT32	Economía ecológica radical: Caminos para pensar la comunidad y la capacidad social de la organización de la vida colectiva	LÚCIA DIAS DA SILVA GUERRA
10RT32	UBUNTU propuesta de Desarrollo Propio en la comunidad de base de las Islas del Rosario	Margarita Olarte Zethelius, Ever De la Rosa Morales
11RT32	La función de sistemas etno-agro-forestales en la autosuficiencia y soberanía alimentaria, el cuidado de ecosistemas y corrección de fracturas sociometabólicas.	Claudia Camacho Benavides
14RT32	Los límites biofísicos del desarrollo humano: eficiencia en la utilización de recursos desde una perspectiva internacional	Andrés Fernando Herrera, Jorge Gutiérrez Goiria, Iker Etxano
15RT32	Sistematización de experiencia de 19 Diagnósticos Rurales Participativos para la adaptación al cambio climático en el Corredor Seco de Guatemala	Víctor H. Bonilla-Muñoz, Alejandra Cabrera-Robles, Jaime Luis Carrera-Campos



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**RT33- CONFLICTOS ECOLÓGICOS EN TORNO A LA  
GESTIÓN DE LAS BASURAS Y LOS RESIDUOS: CRISIS,  
PERSPECTIVAS Y ALTERNATIVAS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT33	Robótica educativa usando botellas PET: Hacia un hub de innovación para la gestión comunitaria de residuos y el ecoturismo en la Ciénaga Grande de Santa Marta	John Alexander Taborda Giraldo, Andrea Carolina Jimenez Perez, David Andrés Barliza Quintana, Dilan David Solar Tous
02RT33	Percepción de los actores claves frente al impacto ambiental. Caso: miticultura en la Región de los Lagos, Chile.	Manuel Enrique Villalba Puerta, Jenny Katherine Camargo Ovalle
03RT33	Hacia la conformación Barrios Ecomunitarios: Un estrategia eficiente para la gestión de residuos municipales y promoción de la participación ciudadana en Valdivia, ciudad al sur de Chile.	Pablo Beltrán Romero
05RT33	Captura y almacenamiento de carbono: la importancia de los materiales avanzados	Junior Ruiz Garcia, Sandro José Froehner, MarceloRisso Errera



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**RT34-AGROECOLOGÍA Y ECONOMÍA ECOLÓGICA: UN  
DIÁLOGO CLAVE PARA LA TRANSICIÓN  
PLANETARIA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
02RT34	El planeta tierra viva: Fruto de interacciones que propician la economía de la naturaleza y la sociedad	MARINA SÁNCHEZ DE PRAGER, ANGELA MARIA LONDOÑO MOTTA
03RT34	Los sistemas alimentarios mundiales y su relación con los recursos naturales.	WALTER PENGUE
05RT34	Tierra y energía: la transición sociometabólica de la agricultura en América Latina (1900-2020)	John Alexander Urrego Mesa, Juan Infante Amate, Enric Tello
06RT34	Gobernanza, prácticas de producción agrícola y las contribuciones de la naturaleza a las personas en sistemas socio-ecológicos cafeteros	Diana Mejía Durango, Clara Villegas Palacio
07RT34	Contribución de la polinización animal a la agricultura comercial en países del trópico: el caso de Colombia	Marcela Cely-Santos, Diego Valbuena Vargas
08RT34	La evolución de la Productividad Primaria Neta en la transición al régimen metabólico industrial de Ecuador	Laura Saura Gargallo
09RT34	Impactos socioambientales del alimento mercancía en la agricultura del estado de Morelos	Rodrigo Flores Resendiz, Rafael Monroy-Ortiz, Columba Monroy Ortiz, Giovanni Marlon Montes Mata
11RT34	Huellas de carbono comparadas en sistemas agroforestales con café y cacao orgánico en los andes nororientales del Perú. Aportes a la “carbono neutralidad”	Federico Alexis Dueñas, Isabel Quispe, Shirley Muñoz, Marco Gusukuma, Patricia Mogrovejo, Cristian Cornejo
12RT34	Política agraria neoliberal en la configuración del sistema alimentario actual. ¿Cómo se materializa en los territorios?: El caso del municipio de Pasto en Colombia	Juliana Sabogal Aguilar, Marina Sánchez de Prager



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PLANETARIA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
13RT34	Consumo responsable de recursos marinos en Chile ¿ En qué estamos?	Gianina Orsi Peñaloza
14RT34	Potencialidades del sistema agroalimentario en la comunidad campesina Arenillo, Pradera: "Sendero Agroturístico Campo Joven por la Paz"	Luis Gabriel Murcia Jaimes, Janeth Bolaños Vargas
15RT34	Las redes como espacios claves para la transformación del sistema agroalimentario	Ana Osorio-García, Angela Londoño-Motta
17RT34	Aportes del Turismo Regenerativo a la Agroecología: Estudio de caso La Huerta Hotel, Lago Calima, Colombia	Ivan Dario Castrillón Libreros
18RT34	¿PSA? - Mecanismos para Compartir Beneficios, caso Parque Natural Regional Anaime-Chilí en el Tolima	Brenda Aguirre Cuellar
19RT34	Desafíos para la soberanía alimentaria en el noroccidente amazónico: El caso de las comunidades campesinas del municipio de Curillo- Caquetá	Michael Jordan Pasaje Bolaños
20RT34	Transiciones en la ruralidad: agroecología, energía y democracia. Caso Zona de Reserva Campesina de Venecia, Cundinamarca	Cristian Ayala Reyes



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**RT35- INTERCAMBIO ECOLÓGICAMENTE DESIGUAL Y SUS NEXOS. DESMATERIALIZACIÓN, NEOEXTRACTIVISMO, DEUDA ECOLÓGICA Y CONFLICTOS AMBIENTALES**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT35	Análisis de trayectorias y tendencias de los indicadores ambientales relevantes a escala nacional (China Y México Asociados el bienestar económico y la calidad de vida (Período 2011- 2021)	Iskra Alejandra Rojo Negrete
02RT35	Estimación del agua virtual y el suelo virtual exportado desde la Provincia de Santa Fe, Argentina	Guillermo Peinado, Braidotti Valentín, Martín Ganem, Claudio Passalia, Aín Mora, Paula Piccolo
03RT35	Macroeconomía ecológica internacional: sustentabilidad y desmaterialización	Guillermo Peinado
04RT35	Economía Internacional e Intercambio ecológicamente desigual	Guillermo Peinado
05RT35	La Huella oculta del carbono en Colombia: Exportaciones de combustibles fósiles y transición energética (2010-2022)	Mario Pérez Rincón, Isabella Puente Prado
09RT35	Nuevas evidencias sobre las responsabilidades históricas del cambio climático. Emisiones por cambios de uso del suelo incorporadas en el comercio internacional en América Latina (1880-2020)	Juan Amate, Alexander Urrego Mesa, Marc Badía-Miró, Emiliano Travieso, Eduardo Aguilera



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**RT35- INTERCAMBIO ECOLÓGICAMENTE DESIGUAL Y SUS NEXOS. DESMATERIALIZACIÓN, NEOEXTRACTIVISMO, DEUDA ECOLÓGICA Y CONFLICTOS AMBIENTALES**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
10RT35	Implicaciones de los extractivismos en el Intercambio Ecológicamente Desigual	Aleida Azamar Alonso
11RT35	El rol del mercado internacional en las transformaciones agrarias de Ecuador (1961-2021)	Laura Saura Gargallo
12RT35	La deuda externa como disciplinador ambiental	Aín Mora, Paula Piccolo, Guillermo Peinado
13RT35	La inserción de América Latina en el siglo XXI (2000-2018) en la división internacional del trabajo	Aín Mora, Paula Piccolo, Guillermo Peinado
15RT35	Aproximación al intercambio ecológico desigual entre Centroamérica y Estados Unidos.	Luis Vargas
16RT35	Los impactos distributivos en los gastos e ingresos causados por el precio del carbono	Cristian Mardones



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**RT36- CONFLICTOS ECOLÓGICOS DISTRIBUTIVOS EN  
MESOAMÉRICA Y EL CARIBE**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
O1RT36	HUACHICOL DEL AGUA Aportaciones teórico-metodológicas de la Ecología Política para potenciar la resistencia ciudadana (el caso de los conflictos hidro-ecológicos distributivos en la subcuenca Santiago- Guadalajara)	Salvador Peniche Camps, Luis González Guevara, Ashanty Robles
O2RT36	Autonomías y resistencias socioambientales frente a megaproyectos de infraestructura en el sureste de México	Carlos Rodriguez Wallenius
O3RT36	Metabolismo social y conflictos ambientales: Una revisión bajo el marco del marxismo	Pablo Sandoval Cabrera
O4RT36	Conflictos Ecológicos Distributivos en la Zona Metropolitana de Guadalajara, México	Martin G. Romero Morett, Joel Garcia Galvan, Luis Fernando González Guevara, Luis Héctor Quintero Hernández
O9RT36	Los conflictos ecológicos distributivos en Mesoamérica y el Caribe: El caso de los manantiales de Zacualpan, Colima, México.	JORGE ANTONIO MEJIA RODRIGUEZ
10RT36	"We fight to the end": On the violence against social leaders and territorial defenders during the post-Peace Agreement period and its political ecological implications in the Putumayo, Colombia	Juan Antonio Samper, Torsten Krause



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**RT37- ALTERNATIVAS Y RESISTENCIAS  
FEMINISTAS PARA TRANSICIONES  
SOCIOECOLÓGICAS JUSTAS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01RT37	Alternativas y resistencias en el proceso alimentario: experiencias entre mujeres en contextos rurales y migratorios en dos estados fronterizos de México	María del Carmen Arellano Gálvez, Guadalupe del Carmen Alvarez Gordillo
02RT37	Sosteniendo el territorio: el rol de las mujeres frente al extractivismo forestal y los desastres ambientales	Marien González-Hidalgo, Ana Cabana Iglesia
04RT37	Subversión ecofeminista de la energía: narrativas de resistencia en Puerto Rico	Hernaliz Vázquez



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## **SPECIAL TRACKS OF THE ISEE CONFERENCE**



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**TRAJ- SUSTAINABILITY TRANSITION DIALOGUE  
“RE-IMAGINING MARKETS FOR CRITICAL  
MINERALS IN ENERGY TRANSITIONS”**

**Date and time: Thursday, 26 October 2023; 11:00 a.m. - 12:30 p.m.**

**Track Sessions 1**

**Place: Neguaje Lado A**

**Chair:**

Harro von Blottnitz, Academic Coordinator, TRAJECTS Centre, South Africa.

**Speakers:**

Jennifer Broadhurst, Associate Professor, University of Cape Town, South Africa.

Paola Yanguas Parra, Academic Coordinator, TRAJECTS Centre, Colombia

Álvaro Pardo, Director, National Mining Agency, Colombia

Carmenza Castiblanco, Professor, Universidad Nacional, Colombia



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**TRAJ- SUSTAINABILITY TRANSITION DIALOGUE  
“FUNDAMENTAL CONTROVERSIES IN NATURE-  
BASED SOLUTIONS”**

**Date and time: Friday, 27 October 2023; 9:30a.m. - 11:00 p.m.**

**Tracks Sessions 3**

**Place: Neguaje Lado A**

**Chairs:**

Michelle Pressend, Academic Coordinator, TRAJEPTS Centre, South Africa.

**Speakers:**

Andrés Osorio, Corporación Centro de Excelencia en Ciencias del Mar (CEMARIN), Colombia

Michela Izzo, Executive Director, Guakía Ambiente, Dominican Republic

Anulisa Claire Adhiambo, The Center for International Forestry Research (CIFOR) and World Agroforestry (ICRAF), Kenya

Glynis Humphrey, African Climate Development Institute (ACDI), South Africa



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## **ST01- EXPLORING THE MULTISCALE WATER- LABOUR-POLICY NEXUS**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01ST01	Assessing the cost of hydro-economic equilibrium at different spatial scales: An analysis for Tuscany region in Italy	Benedetto Rocchi, Gino Sturla
02ST01	The roads towards water sustainability and poverty alleviation: A policy scenario analysis in Colombia	Adrian C. Saldarriaga Isaza
03ST01	The long history of international trade in food and its impact on water resources	Tiziano Distefano
04ST01	Good (or bad) water governance. A macro empirical analysis of the determinants of Integrated Water Resources Management	Elena Vallino



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**ST02- A STUDY OF LATIN AMERICAN  
ECOLOGICAL CIVILIZATION IN KOREA:  
HUMANITIES AND ECOLOGICAL LITERATURE**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01ST02	The problem of the indigenous peoples of the Amazon represented in La vorágine and El sueño del Celta	Guho Cho
02ST02	Mayan Indigenous view of Nature and Buen Vivir (Lekil Kuxlejal)	Yoonkyung Kim
03ST02	A Study on the causes of the Chilean ecological constitution amendment and limitations in the process of institutionalization (e.g. referendum) during 2022-2023	Ha Sang Sub
04ST02	Decolonizing the Nature and Worlding Alternative Ecological Ontologies: An Analysis of the Works and Practices of Latin American Women Artists	Kyeongeun Park



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**ST03- PRACTISING THE COMMONS IN THE  
COLOMBIAN PACIFIC REGION: CHALLENGES AND  
OPPORTUNITIES IN THE PROMOTION OF  
COMMONS-BASED ENTERPRISES**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01ST03	Small-Scale Gold Miners' Preferences on Formalization: first steps toward sustainable supply chains in Colombia	Maria Alejandra Vélez
03ST03	Gold and Peacebuilding in the Colombian Pacific: Collective Management of Informal Extraction among Afro-Colombian Communities	Luz Ángela Rodríguez
04ST03	Practising the Commons: From Common Property Regimes to Community Enterprises	Iván Lobo



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**ST04-ADVANCING GREEN ECONOMY IN CHINA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
08ST04	The synergy of fertilizer and pesticide reduction (SFPR) in China	Yanzhong Huang
11ST04	The economy-wide material flows and resource efficiency of China	Heming Wang
12ST04	Multinational dynamic steel cycle analysis reveals sequential decoupling between material use and economic growth	Chao Zhang



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## **ST05- CLIMATE CHANGE AND CARBON MITIGATION IN CHINA**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
01ST05	Cutting GHG emissions from China's food system through supply-demand coordination and optimizing spatial allocation of production	Xinxian Qi
02ST05	Does global trade in environmental goods support sustainable development in developing countries?	Peiyu Wang
04ST05	Role of Circular Economy in reshaping International Rare Earth Supply Chain towards Low-carbon Target	Yuyao Yang
06ST05	Allocating carbon emission quotas in the textile sector using a double vortex model to promote cooperative energy conservation among carbon trading enterprises	Yuqi Dai
07ST05	Do carbon trading policy improve urban-rural income inequality	Ke He
09ST05	Fertilizer application and reduction in agricultural production: Evidence from China	Lu Zhang
15ST05	Electricity Displacement and Cost-Benefit Analysis of Intermittent Renewable Energy in China	Ziao Zhu
18ST05	A review of hydrogen production pathways, cost and decarbonization potential	Tong Fan



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**Economies for life: Alliances for practicing ecological  
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**Santa Marta, Colombia- October 26 - 28, 2023**

**ST06- ECOLOGICAL ECONOMICS IN CHINA: THEORIES  
AND PRACTICES**

<b>CODE</b>	<b>Title of the Abstract</b>	<b>Authors</b>
02ST06	Examining the Impacts of Core Stakeholder Interests, Satisfaction, and Participation: Evidence from Shennongjia National Park, China	Guangyu Wang, Yangyang zhang
03ST06	Protected Areas, Ecotourism and Income Inequality: Evidence from the Lashihai Wetland Watershed in China	Jian Wu
09ST06	Grassland ecosystem protection and economic development	Lingling Hou
12ST06	Agricultural support policies, coping strategies and herder households' development resilience	Yingjie Zhu
14ST06	Increase Carbon Sink by Evaluating Ecosystem Services and Their Influencing Factors	Xianchun Liao
15ST06	The Significance of "Two Mountains Theory" from the Perspective of Political Economy	Yi Huang
16ST06	Is Network infrastructure construction the Deus ex Machina towards inclusive green growth: Evidence from the "Broadband China" strategy	Yuwei Song
19ST06	Based on the comprehensive study of ecological compensation mechanism in the middle reaches of Hanjiang River in Hubei province, China	Xiangyang Xu