



ESEE 2013

# ECOLOGICAL ECONOMICS AND INSTITUTIONAL DYNAMICS

10<sup>th</sup> International Conference  
of the European Society  
for Ecological Economics

## Final program

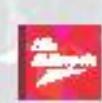
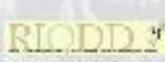
Reims-Brussels-Lille  
2013, June 17-21

Website and contact

<http://esee2013.sciencesconf.org/>  
[esee2013@sciencesconf.org](mailto:esee2013@sciencesconf.org)



REGARDS





# **ESEE 2013**

# **GENERAL**

# **AGENDA**



Hours/ Date	June 17, 2013	June 18, 2013			June 19, 2013	June 20, 2013		June 21, 2013			
<b>9h00- 10h30</b>	<b>Pre- Conference Workshop (Univ. Reims)</b>	<b>Pre- conference Workshop (Univ. Reims)</b>	<b>Policy Event Brussels</b>	<b>Welcome Desk (Conseil régional Nord- Pas-de-Calais, Lille)</b>	Plenary session 1	Plenary session 2		Plenary session 3			
<b>10h30- 11h00</b>					Coffee break	Coffee break		Coffee break (10h30- 10h45)			
<b>11h00- 12h30</b>					Parallel paper sessions 1	Parallel paper sessions 4		Parallel paper sessions 7 (10h45-12h15)			
<b>12h30- 14h00</b>					Lunch	Lunch		Lunch (12h15-13h15)			
<b>14h00- 15h30</b>					Parallel paper sessions 2	Parallel paper sessions 5		Parallel paper sessions 8 (13h15-14h45)			
<b>15h30- 16h00</b>					Coffee break	Coffee break		Coffee break (14h45- 15h)			
<b>16h00- 17h30</b>					Poster session (15h45-17h)	<b>Round table</b>	<b>Parallel paper sessions 6</b>	<b>Closing Plenary (15h-16h)</b>			
<b>17h30- 18h45</b>					Parallel paper sessions 3 (17 h – 18h30)			<b>Closing Session (16 h-16h30)</b>			
<b>18h00- 18h30</b>	<b>Conference Opening (Conseil Régional Nord-Pas-de-Calais, Lille)</b>										
<b>18h30- 19h30</b>		<b>Opening plenary (Conseil Régional Nord-Pas-de-Calais, Lille)</b>									
		<b>Opening Reception (Conseil Régional Nord-Pas-de-Calais, Lille)</b>			<b>Conference dinner (Chambre de commerce et d'industrie, Lille)</b>	<b>Optional Visit (Museums, Lille &amp; Roubaix)</b>					

# **PLENARY SESSIONS AND ROUNDTABLE**



## **Opening Plenary (Chair: Irene Ring)**

### **Hémicycle - Conseil Régional Nord-Pas-de-Calais (Lille)**

**18 June, 2013 - 6:00 - 7:30 pm**

6:00 pm: **Sandrine Rousseau** (Vice-President of the Nord-Pas-de-Calais Regional Council, in charge of Higher Education and Research), *Welcome address*.

6:10 pm: **Philippe Rollet** (President of the Université Lille 1), *Welcome address*.

6:20 pm: **Irene Ring** (ESEE President), *Welcome address*.

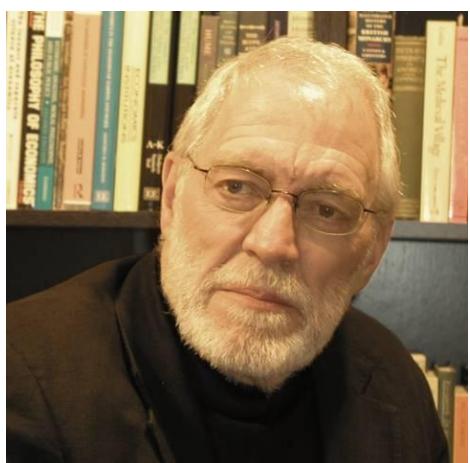
6:25 pm: **Michel Capron** (RIODD President), *Welcome address*.

6:30 pm: **Daniel W. Bromley** (Anderson-Bascom Professor of Applied Economics - Emeritus - University of Wisconsin-Madison, USA & Visiting Professor, Humboldt University-Berlin, Germany), *Institutions and Institutionalism. Crafting a Coherent Science of Environmental Policy*.

# **Institutions and Institutionalism: Crafting a Coherent Science of Environmental Policy**

There are many visions of a properly constituted and motivated ecological economics. Some wish for it to embrace a broad vision—open to multiple ways of knowing, and thereby able to advance competing accounts of the vexing problems of sustainability and feasible prospects for the future of humans in their fraught interactions with nature. A second vision is that ecological economics should be a radical movement dedicated to criticizing and changing social organizations and institutions that are responsible for the spread of false beliefs about economic, social, and what is called “environmental reality.” Regardless of which vision ultimately prevails—and there are other visions that fall between these two—it is obvious that the concept of “institutions” is instrumental to realization of the desired future. This is unfortunate for the simple reason that those who appeal to institutions have never bothered to develop a consistent and coherent idea of this allegedly important concept. They just invoke the word. Institutions cannot possibly matter if those who write about them have no idea what they are writing about. Here I will spell out the core meaning of two central ideas to the future of a coherent ecological economics — institutionalism, and institutions. I will show that a clear understanding of these two related ideas will liberate ecological economists from continued angst and debate about ontology, epistemology, and methodology—and some wished-for grand theory. I predict that this liberation will be much welcomed by ecological economists who merely wish to get on with doing good science.

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*Daniel W. Bromley is Anderson-Bascom Professor of Applied Economics (Emeritus) at the University of Wisconsin-Madison, and Visiting Professor at Humboldt University in Berlin. He has published extensively on: (1) institutional economics; (2) economic philosophy; (2) the legal and philosophical dimensions of property rights; and (4) economic development. He is listed in Who's Who in Economics. He is a Fellow of the Agricultural and Applied Economics Association, and of the Association of Environmental and Resource Economists. He has worked and lectured in over 25 countries. He was economic advisor to the Sudan People's Liberation Movement in South Sudan, and he advised the Government of National Unity in Sudan on economic recovery in Darfur. He recently served as a Senior Research Advisor to the U.S. State Department on economic recovery in Iraq.*

*Professor Bromley has written and edited thirteen books, the most recent of which are: *Sufficient Reason: Volitional Pragmatism and the Meaning of Economic Institutions*, (Princeton University Press, 2006); *Vulnerable People, Vulnerable States: Redefining the Development Challenge*, (with Glen Anderson), (Routledge, 2012).*

# **Plenary Session 1: Environment-Society Relationships**

**Changing Behaviour or Changing Values ?**

**(Chair: Begüm Özkaynak)**

**Auditorium (MACC's Building)**

**19 June 2013 - 9:00 – 10:30 am**

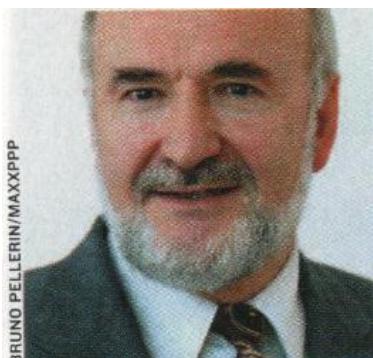
9:00 am: **Michel Capron** (Emeritus Professor of Management, Université Paris VIII, Chairman of RIODD, France), *The Emancipation and Autonomy of Humanity: Are they Always Liberating Utopia?*

9:45 am: **Andrew Dobson** (Professor of Political Science, University of Keele, United Kingdom), Environmental policy-making and behaviour change: Financial incentives, 'nudge' or citizenship?

# **The Emancipation and Autonomy of Humanity: Are they Always Liberating Utopia?**

In the great movement of emancipation and autonomy of humanity, the consumerism dream and the mirage of unlimited growth have not made people freer. Crises have shaken the socio-economic systems and reshaped social classifications. The working class, supposed to carry the hope of profound social change, has lost its Promethean vocation to fall back on the defense of its own survival. More than ever people seem powerless to master their destiny in the face of economic internationalized and financialized powers which do not have any other motivation and other horizon but endless material accumulation. Bureaucratic economic organizations with gigantic size have distorted the spirit of entrepreneurship and individual and collective initiative that characterizes the human species.

But the advanced degradation of natural resources and the exacerbation of social inequalities on the planet for which economic activities are mainly responsible are not inevitable and uncontrollable phenomenon. Through a few current examples, the presentation will attempt to emphasize the stakes of the unification of social criticism on one hand and ecological criticism on the other as the matrix for the conception of a new liberating utopia.



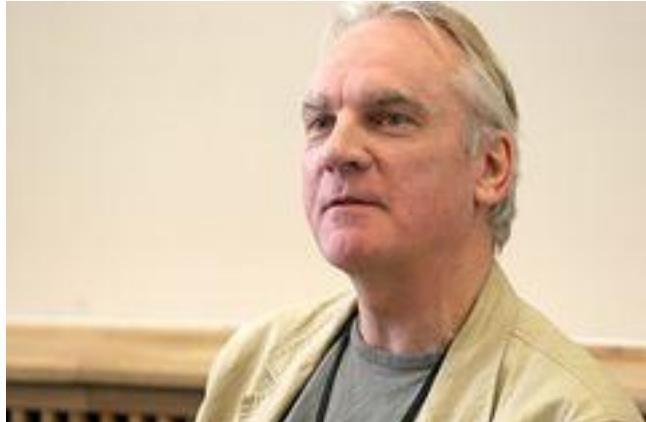
*Michel Capron is Doctor, HDR (entitled to lead research) in management science; Professor Emeritus, researcher at the Institut de Recherche en Gestion, Paris-East University at Créteil. Over the fifteen years, Michel Capron has carried out most of his research on corporate social responsibility and sustainable development. He has published numerous papers on these topics and several books (with Françoise Quairel-Lanoizelée). He was a member of the French delegation for ISO 26000 elaboration. Currently Chairman of the International Network of Research on Organizations and Sustainable Development (RIODD) and Chairman of the French Citizen Forum for CSR.*

# **Environmental Policy-making and Behaviour Change:**

## **Financial Incentives, 'Nudge' or Citizenship?**

Given their generalised commitment to 'sustainable development', governments around the world are looking for ways to change people's environment-related behaviour. In recent times, and in the context of the increasing delegitimisation of the state and the turn to privatised solutions to public policy problems, attention has turned from the way in which people's decision-making is structured by their macro-context to individual-level prompts that can influence behaviour. In the environmental context (and indeed in others) this has taken two forms. First, we have witnessed the creation of a suite of environmental incentives and disincentives (rewards and punishments) which are designed to alter people's behavioural patterns in line with the self-interested rational actor model of behaviour. Second, increasing attention has been paid to the potential of behavioural economics – or what has been popularised as 'nudge', after the eponymous book by Cass Sunstein and Richard Thaler. This presentation will outline the nature of both these policy tools, offer examples of them, and discuss their advantages and disadvantages. I will then compare these 'value-lite' approaches with one which draws on the idea of environmental citizenship, rooted in a, ethical and practical commitment to justice.

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*Andrew Dobson is Professor of Politics at Keele University. He is the author of Green Political Thought (4th edition, 2006), and of Citizenship and the Environment (OUP 2003), among many other edited books, monographs, and papers. He is Principal Investigator on a 2011-2013 funded project called 'Reducing Energy Consumption Through Community Knowledge Networks' (<http://www.esci.keele.ac.uk/recckn>), and has just completed a 2-year funded seminar series on Biosecurity (<http://www.bbk.ac.uk/environment/biosecurity/index.htm>)*

*He is also a Leverhulme Research Fellow (2011-2013), writing a book on Listening for Democracy, which is due for publication by Oxford University Press in 2014. He is a member of the England and Wales Green Party and has stood in Parliamentary and local elections. He co-wrote the Green Party Manifesto in 2010, and is a founder member of the thinktank Green House (<http://www.greenhousethinktank.org>).*

## **Plenary Session 2: Rethinking the Role of Science in Society**

**(Chair: Sigrid Stagl)**

**Auditorium (MACC's Building)**

**20 June, 2013 - 9:00 – 10:30 am**

9:00 am: **Sybille van den Hove** (MEDIAN & Visiting Professor at the Institute of Environmental Science and Technology - ICTA - Autonomous University of Barcelona, Spain), *Science, Innovation and Sustainability: Exploring Myths and Asymmetries*.

9:45 am: **Andrew Stirling** (Professor of Science and Technology Policy, SPRU, The Sussex Energy Group, University of Sussex, United Kingdom), *Opening Up Green Transitions. Acknowledging the Politics of Ecologies, Economies and Technologies*.

# **Science, Innovation and Sustainability:**

## **Exploring Myths and Asymmetries**

In our efforts to foster the transformations needed to address sustainability challenges, a reflexion on the roles of science, innovation and precaution is central. A series of pervasive myths still underlie currently dominant visions of science and innovation, including in particular the myth of the possibility to fully understand, describe and control complex systems; the myth that uncertainty is always reducible or quantifiable; the myth of deterministic science; and the myth that technology can 'solve it all'. There are also a series of asymmetries often not accounted for in our ways of dealing with evidence in support of policies and action, including the fundamental ones between the three pillars of sustainability; asymmetries in the weighing up of pros and cons and costs and benefits; or the asymmetry in the levels of evidence for 'proof' of harm vs. those for 'proof' of safety required by proponents of a technology. Building in particular on collective work done in the framework of the *Late Lessons from Early Warnings* project of the European Environment Agency, this presentation will explore such myths and asymmetries and reflect on the nature and purposes of the scientific and technological enterprises in today's context, leading to some conclusions about the governance of innovation and innovations in governance.



*Sybille van den Hove is Director of MEDIAN, a small research, teaching and consulting company, and Visiting Professor at the Institute for Environmental Science and Technology (ICTA) of the Autonomous University of Barcelona. Her background is high-energy physics and ecological economics.*

*Sybille's work focuses on environmental governance; science-policy interfaces; decision-making and policy formation under conditions of complexity; integration of natural and social sciences; environmental research strategies; and environmental strategies of corporations.*

*Today, she mainly works in the areas of biodiversity governance at international and EU levels, socioeconomic aspects of biodiversity change, nuclear governance in a post-Fukushima world, and corporate transformation towards sustainability. She has also worked in areas such as: climate change, radioactive waste management policies, and the EU chemical and pesticides policies. She is chairing the Scientific Committee of the European Environment Agency.*

# **Opening up Green Transitions: Acknowledging the Politics of Ecologies, Economies and Technologies**

The challenges of global Sustainability are on an unprecedented scale. So urgent are the imperatives and hard the constraints, that there seems little scope for discussion of choice. Inertia and entrenched interests are so powerful and obstructive, that it is tempting to invoke technical expertise as if it were unquestionable. Acknowledgements of uncertainty or ambiguity appear as signs of weakness. The scientific and moral stakes are so stark, they seem to leave no room for no alternatives. So, do we hear repeated reference to the Sustainability Transition – as if this were singular and self-evident. In this light, democracy and deliberation may seem inconvenient luxuries, threatening only to slow down a self-evident direction for change. Yet these tendencies miss the point – and threaten the core – of Sustainability. Serious solutions are profoundly dependent on – and reinforcing of – inclusive, deliberative democracy. Far from being inevitably weak and slow, these can offer more rapid and effective co-ordination. Openly acknowledging uncertainty and ambiguity can de-fuse the technocratic juggernaut of an apparently choiceless ‘science-based’, ‘pro-innovation’, ‘knowledge-driven’ economy. Indeed – for the first time since the ‘European Enlightenment’ – Sustainability discourse offers the possibility of enabling the collective steering of the directions (not just the pace or impact) of scientific, technological and institutional progress. Real hopes for truly progressive transformation, rest in celebrating diversity and dissent in a vigorous, plural politics of Sustainability.

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*Andy Stirling is an interdisciplinary researcher at SPRU, where he codirects the STEPS Centre and Sustainable Lifestyles Research Group.*

*Focusing on challenges around ‘opening up’ more democratic governance of knowledge, research science, technology and innovation, his work addresses issues like: uncertainty, precaution, skepticism, sustainability, resilience, diversity, transformation, progress, participation and power. Andy has served on advisory bodies for the EU on Energy Policy, Science in Society, Collaborative Research, Sustainability and Science Governance; for the UK government on toxic substances, GM crops, public engagement and science advice; and working groups of the Royal Society, Nuffield Council, UN IHDP, Global Energy Observatory, Demos and the Green Alliance. He’s served on boards for several journals, Greenpeace International, Greenpeace UK and on the Research Committee of the ESRC.*



# **Roundtable : The Institutionalization of Ecological Economics - Cross-Continental Dialogue**

**(Moderator: Tom Bauler)**

**Auditorium (MACC's Building)**

**20 June, 2013 - 4:00 – 5:30 pm**

## **Panelists :**

- Richard Howarth, Prof. of Environmental Studies, (Dartmouth College, USA), Editor-in-Chief of Ecological Economics.
- Clive Spash, Prof., Chair of Public Policy and Governance, Department of Socio-Economics (WU Vienna - University of Economics and Business, AT). Editor-in-Chief of Environmental Values. Former President of the European Society for Ecological Economics (ESEE).
- Inge Røpke, Prof., Department of Development and Planning (Aalborg University, Dk)

## **Moderator:**

Tom Bauler, Assist.Prof., Université Libre de Bruxelles (BE) & Harvard University (USA).

## **Rationale**

As a research field, Ecological Economics has the ambition to demarcate itself in a number of its principles from more orthodox economic approaches when enquiring the Man-Nature relationships. It can be taken as a mark of a healthy, self-reflective research community that this demarcation work does also operate inside of the research field itself. Controversies and structural discussions are not rare within the field, and interpretations of what questions to work on and how to encounter them are diversified. Partially, the positions taken by one or the other are influenced by the importance, positions and roles given to science in different societal contexts. Partially, different practices of environmental governance, politics and policies co-influence the manner the members of our community can investigate our research field and how the research field itself can and wants to position itself in the Science-Policy nexus. The roundtable will explore the evolution and institutionalization of Ecological Economics, as a research field and a community of scientists, and will do so with a specific comparative focus on understanding the diverse dynamics of institutionalization of the field - and its members - in Europe and the United States of America. The objective is double: provide an insight into what works differently, and into what shared lessons can be drawn at the 25<sup>th</sup> anniversary of the creation of ISEE.

## **Plenary Session 3: Redefining Prosperity**

**(Chair: Roldan Muradian)**

**Auditorium (MACC's Building)**

**21 June, 2013 - 9:00 – 10:30 am**

9:00 am: **Florence Jany-Catrice** (Professor of Economics, CLERSE, Université Lille1, France), *Redefining progress and prosperity: with which indicators ?*

9:45 am: **Tim Jackson** (Professor of Sustainable Development, Center for Environmental Strategy, University of Surrey, United Kingdom), *Prosperity and Equity in the 'Green Economy'.*

# **Redefining Progress and Prosperity: With which Indicators?**

For more than twenty years now, there has been a large dispersed movement toward the development of new indicators of wealth or prosperity, to complement GDP and growth, or to replace them. This movement can be read as an expression of a growing protest vis-à-vis the macroeconomic indicators when used as univocal representation of prosperity or progress.

If initiatives are multiplying to provide other indicators, they are also very diverse in the content of what they offer, and in the methods to achieve the aim followed. They are the expression of highly contrasting visions of this new prosperity to which it would be useful to converge.

The purpose of this conference is to provide a discussion of the plurality of objectives behind this movement, in the light of some recent initiatives, being they at an international level (UNDP new challenges toward sustainability) or at national and even territorial levels.

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*Florence Jany-Catrice is an economist. Professor at the University Lille1, she is a researcher at the Clersé (Centre Lillois d'études et de recherches économiques et sociologique)-UMR-CNRS 8019, and a member of the Institut Universitaire de France (IUF).*

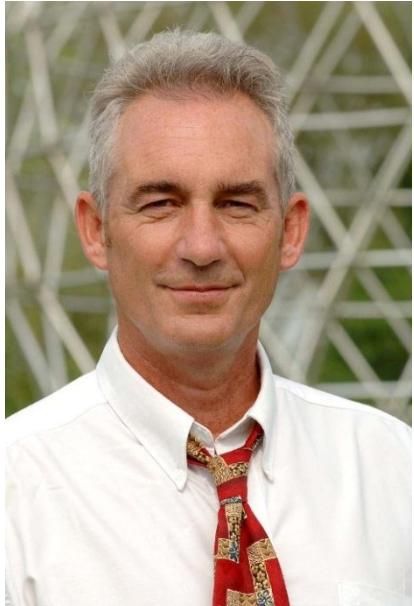


*Her researches concern mainly the economy of quality: quality of labor and employment; quality of output, wealth and their measures. She published numerous articles and books, among which *The new indicators of wealth and development* (Palgrave McMillan) 2006, with J. Gadrey; *Les services à la personne* (2009, with FX.Devetter and T. Ribault) (La Découverte). Her last book is untitled *La performance totale: nouvel esprit du capitalisme?* (2012, Presses universitaires du Septentrion).*

*She is also the Director of a French academic Review: *Revue française de socio-économie*, and an active member of the French Association of Political Economy (Afep/FAPE).*

## **Prosperity and equity in the 'green economy'**

An ecologically-constrained economy calls for a vision of prosperity consistent with social justice. It also demands new models of enterprise, a coherent strategy for employment, long-term investment in real physical, social and natural assets and a finance system fit for purpose to deliver these things. This talk will establish the foundations for such a vision and explore in particular the implications for transforming the financial system. Drawing on insights from recent work on ecological macro-economics, the presentation talk will highlight some of the resonances between the demands of sustainability and the need for financial reform.



*Tim Jackson is Professor of Sustainable Development at the University of Surrey and Director of the Sustainable Lifestyles Research Group – a multi-disciplinary research group funded by the UK government, which explores the complex links between people's lifestyles, societal values and sustainability. From 2004 to 2011 Tim was Economics Commissioner on the UK Sustainable Development Commission, where his work culminated in the publication of the controversial book *Prosperity without Growth – economics for a finite planet* (Earthscan 2009). In 2013 he was awarded a three year Professorial Fellowship to study Prosperity and Sustainability in the Green Economy (PASSAGE). In addition to his academic work, Tim is an award-winning dramatist with numerous radio writing credits for the BBC.*

# **Closing Plenary: Towards a Socio-Ecological Transition (Chair: Timothy J. Foxon)**

**Auditorium (MACC's Building)**

**21 June, 2013 - 3:00 – 4:00 pm**

3:00 pm: **Elizabeth Shove** (Professor of Sociology, University of Lancaster, United Kingdom), *The Dynamics of Energy and Mobility Demand*.

## **The dynamics of energy and mobility demand**

This talk begins by considering different methods of conceptualising the demand for energy and mobility. The suggestion that such demand is an outcome of changing social practices underlines the significance of linking social and historical research to that which deals with the provision and management of energy and mobility systems. A focus on what energy is used for in contemporary society – that is, of which practices is energy consumption a part – forces us to think differently about long term energy ‘needs’ and how they might be established and changed. I will outline different lines of research designed in response to this agenda.



*Elizabeth Shove is Professor of Sociology at Lancaster University. She has recently completed an ESRC funded fellowship, "Transitions in Practice: Climate Change and Everyday life, she is a member of the Sustainable Practices Research Group, and is about to become co-director of DEMAND, a five year research centre dealing with the dynamics of energy and mobility demand starting in 2013. She is author of "Comfort, Cleanliness and Convenience: the social organization of normality" (Berg 2003). More recent books include "The Dynamics of Social Practice" with Mika Pantzar and Matt Watson*

*(Sage 2012) and "Sustainable practices: social theory and climate change", edited with Nicola Spurling (Routledge 2013).*

# **SPECIAL SESSIONS**

# **Special Session: Effectiveness of biodiversity conservation instruments in a policymix: comparing experiences from subnational settings in Europe and Latin America**

Coordinators: Peter H. May<sup>1</sup>, David N. Barton<sup>2</sup>, Irene Ring<sup>3</sup>, Rui dos Santos<sup>4</sup>, Graciela M. Rusch<sup>2</sup>

<sup>1</sup>Department of Development, Agriculture and Society of the Federal Rural University of Rio de Janeiro, Brazil (UFRRJ)

<sup>2</sup> Norwegian Institute for Nature Research (NINA)

<sup>3</sup>Dept. of Economics at the Helmholtz Centre for Environmental Research - Helmholtz Centre for Environmental Research (UFZ)

<sup>4</sup>Center for environmental and sustainability research (CENSE), Foundation of the Faculty of Sciences and Technology, New University of Lisbon, Ecological Economics and Management Centre

FFCT-UNL

## **Rationale**

Economic instruments for biodiversity conservation have been compared in terms of their legitimacy, effectiveness and cost-effectiveness (Angelsen, 2009b; Ring and Schröter-Schlaack, 2011a, b; Ring et al., 2011; Vatn et al., 2011). Even if the functional roles of economic instruments vary little, the variation can be significant for conservation effectiveness, cost-effectiveness and legitimacy. To understand this variation, it is necessary to study and compare specific instruments across policymixes for conservation of biodiversity in different settings. Because different theories are applied to evaluating the role of economic instruments in a policymix at different stages of a policy cycle and from different actor perspectives, the outcomes of empirical methods applied by different researchers may result in identifying multiple and self-conflicting roles. The knowledge that conclusions stem from multiple, but related frameworks may help researchers reconcile their conclusions. For policymakers looking to other countries for 'success stories' and 'best-practice examples' of economic instruments, the special session expects to deliver a message of caution regarding transferability of conclusions between contexts. But there is also a hope of explaining why some aspects of economic instruments are generic and transferable, and others are not. The proposed special session, comprised of nine papers, including a synthesis by the organizers, explores these premises based on a series of case studies involving decision-making on mixes of economic and command-and-control instruments in place and proposed in five European and three Latin American countries (Norway, Finland, Germany, Netherlands, Portugal, Brazil, Mexico and Costa Rica).

## **Program**

### **Wednesday, June 19, 2013 - 11:00 - 12:30 - Salle 1 (MACC's Building) : Special session - Effectiveness of biodiversity conservation instruments in a polycymix: comparing experiences from subnational settings in Europe and Latin America 1 (Chair: Rui F. Santos & Peter May)**

Multi-scale approaches to the analysis of polycymixes for biodiversity conservation.

*Barton David N., Irene Ring, Rui Ferreira dos Santos, Peter May, Graciela Rusch*

Landowners perceptions and participation in agri-environmental schemes: lessons for instrument design in a conservation polycymix.

*Pedro Clemente, Rui Santos, Paula Antunes, Rute Pinto, Thais Ribas*

Forest owner perceptions of institutions and legitimacy and their influence on voluntary contracting for forest biodiversity conservation.

*Eeva Primmer, Jukka Similä, Riikka Paloniemi, Anna Tainio*

Pilot projects and agroenvironmental measures in Northwest Mato Grosso: impacts and lessons for REDD+ policy "mixes".

*Jorge Vivan, Paulo Nunes, Ricardo Abad, Robert Davenport, Peter May, David N. Barton*

### **Wednesday, June 19, 2013 - 14:00 - 15:30 - Salle 1 (MACC's Building) : Special session - Effectiveness of biodiversity conservation instruments in a polycymix: comparing experiences from subnational settings in Europe and Latin America 2 (Chair: David N. Barton & Irene Ring)**

PES in a policy mix: Spatial and temporal articulation in Mexico

*Driss Ezzine de Blas, Céline Dutilly, Gwenole Le Velly, Jose-Alberto Lara, Carlos Muñoz-Piña, Alejandro Guevara-Sanginés*

What does it take to convince farmers to afforest? A comparative choice experiment from the Netherlands and Germany

*Nele Lienhoop, Roy Brouwer*

The effectiveness of the "Ecological ICMS" as a fiscal transfer for biodiversity conservation in Mato Grosso, Brazil

*Peter May, Guilherme Lima, Maria Gebara, Carolina Jordão, Maryanne Grieg-Gran*

Targeting AEM in human shaped ecosystems in south-eastern Portugal

*Rute Pinto, Paula Antunes, Rui Santos, Pedro Clemente, Thais Ribas*

Procedural and Distributive Justice in Afforestation Schemes: A Cross-Country Comparison.

*Elissaios Papyrakis*

# **Special Session: Heterodox Notions of Natural Value in Local Environmental Planning and Decision-Making**

Coordinator: Roelof Plant<sup>1</sup>

<sup>1</sup> IRSTEA, Centre de Montpellier, Montpellier, France and Institute for Sustainable Futures, University of Technology, Sydney, Australia

## **Rationale**

Over the past 15 years, endeavours to convince policy makers to take action to conserve biodiversity and ecosystems have increasingly been dominated by the concept of “ecosystem services” (ES) and associated notions of the “value” of nature. When gauging the current socio-political paradigm in modern Western society we see that on-going focus on valuing ecosystems based on the rational choice model of human behaviour poses a risk of “commodification” and “compartmentalisation” of ecosystems. This special session addresses “heterodox” notions of the value of nature as well as the institutional change required to embed such notions in local environmental planning and decision-making. The session boldly asks whether we need “ecosystem services” thinking at all for ‘good’ local environmental decision-making. Are we throwing out the baby with the bath water if we dismiss it altogether? The term “heterodox”, referring to a view not in accord with that which is generally accepted as true or correct, was chosen (somewhat provocatively) to foster debate about the merits of the ES concept over and beyond its standard economic interpretation. The session acknowledges that the ES concept is gradually being extended, especially where shared and cultural values are concerned. The four session papers juxtapose theoretical perspectives against experiences from a diversity of European and international case studies.

## **Program**

### **Wednesday, June 19, 2013 - 11:00 - 12:30, 8 (SUP Building) : Special session - Heterodox Notions of Natural Value in Local Environmental Planning and Decision-Making (Chair: Roelof Plant)**

- 11:00 - 11:05 *Session Introduction*, R. Plant
- 11:05 - 11:25 *'New Beliefs, New Values'? Embedding a Heterodox Interpretation of the Ecosystem Services Concept in Local Environmental Planning and Decision-Making*, R. Plant [et al.]
- 11:25 - 11:45 *What knowledge needs for practical implementation of ecosystem services at the local level?*, M. Snethlage [et al.]
- 11:45 - 12:05 *Economic incentives and motivation crowding in biodiversity conservation*, J. Rode [et al.]
- 12:05 - 12:25 *Alternative Arguments for the Protection of Biodiversity*, L. Braat [et al.]
- 12:25 - 12:30 *Concluding remarks* (R. Plant).

# **Session Spéciale ESEE/RIODD: Le développement durable est-il soluble dans l'histoire?**

Coordination Béatrice Touchelay, université de Lille 3 IRHiS

## **Présentation**

La session regroupe trois communications rédigées à partir de recherches dans les archives : l'une concerne les chemins de fer du nord au XIX<sup>e</sup> siècle (Sébastien Dobrowolski), l'autre les premiers temps de l'exploration charbonnière à Anzin (Nicolas Caré) et la dernière ouvre à une approche comparative entre la France et les Etats-Unis (Clotilde Druelle-Korn). Chacune de ces communications éclaire à sa manière, avec plus ou moins d'expérience en matière de recherche (deux étudiants de master et un enseignant-chercheur), les origines de la question du développement durable/ soutenable en les situant dans des configurations politiques et économiques et à des époques différentes. Je ne ferai pas de communication mais croiserai brièvement les chronologies, pointant les apports respectifs, les enjeux et les questions transversales soulevées par ces études dans une rapide introduction de séance et avant de laisser les auteurs des communications présenter leurs textes puis d'ouvrir la discussion sur l'intérêt de l'approche historique de cette question du développement durable que beaucoup considèrent comme très contemporaine.

## **Programme**

**Mercredi 19 Juin - 11:00 - 12:30 - Salle 4 (MACC's Building)**

**11h10-11h30 Contribution 1. Sébastien Dobrowolski, M2 archéologie, patrimoine, archives, spécialité monde du travail et archivistique, université de Lille3**

« La Compagnie du chemin de fer du Nord : entre prise de conscience environnementale et obligations légales ».

**11h30-11h50 Contribution 2. Clotilde Druelle-Korn, université de Limoges, Histoire EA 4270 CRIHAM**

« Prédation versus préservation et conservation. Les paradoxes et possibilités d'action des managers américains à l'heure de l'industrialisation (1890-1932) »

**11h50-12h10 Contribution 3. Nicolas Caré, M2 Recherche Histoire, université de Lille3**

« Approche environnementale des territoires charbonniers de la Belgique et du Nord-Pas-de-Calais entre le XVIII<sup>e</sup> et le XX<sup>e</sup> siècle : un développement soutenable ? (ou : une croissance insoutenable ?) »

**Discussion 12h10-12h30**

## **Special Session: Fragile Governance**

Coordinator: Tatiana Kluvánková-Oravská, CETIP Network and Centre of Excellence SPECTRA - Slovak Academy of Sciences and Slovak University of Technology, [tana@cetip.sk](mailto:tana@cetip.sk)

### **To the memory of Lin Ostrom**

#### **Rationale**

*Fragile Governance* addresses decision making under the complexity of governing processes and the uncertainty of external factors. Session argues that multiple methods approach is novel methodology for analysing and predicting behavioural changes under complexity and uncertainty. Session will be organised as panel discussion with 8 minutes for introductory papers presentation, followed by discussion to address following session challenges:

- (i) *Addressing institutional, spatial and temporal diversity in particular how to manage and navigate unexpected events and shocks to which society is exposed?*
- (ii) *Demonstrate usefulness of methodological combination in addressing rapid changes of the complex and globalised world.*
- (iii) *Scaling up findings from small to medium-sized commons to larger decision-making arenas is challenging.*

Session follows ideas presented on Discussion Colloquium Remembering Elinor Ostrom, October 24, 2012 ([www.cetip.sk](http://www.cetip.sk)) organised by CETIP Network and SPECTRA CE: collaborative research network dedicated trans-disciplinary research and training introducing novel ideas into the natural and social sciences. Centre of Excellence SPECTRA is join research centre of the Slovak University of Technology and Institute of Forest Ecology, Slovak Academy of Sciences.

#### **Program**

**Wednesday June 19, 11-12.30, Salle 211 (SUP Building): *Fragile Governance*, Chair: Tatiana Kluvánková-Oravská**

- T. Kluvankova-Oravska, Lenka Sláviková. CETIP and CE SPECTRA at the Slovak University of Technology and Slovak Academy of Sciences, [tana@cetip.sk](mailto:tana@cetip.sk): Fragile Governance: Environmental Governance Under the Complexity and Uncertainty.
- Maros Finka, Tatiana Kluvankova-Oravska, CE SPECTRA at the Slovak University of Technology and Slovak Academy of Sciences and CETIP [maros.finka@stuba.sk](mailto:maros.finka@stuba.sk): Management of External Shocks in Polycentric Urban Systems

- *Tatiana Kluvankova-Oravska, Andrej Udovc, Ljubljana University, Slovenia*  
andrej.udovc@bf.uni-lj.si Local or Global Commons? Application of Framework for Analysing SES for Soil Biodiversity at EU Level.
- *Udovc Andrej, Vesna Milicic, Ljubljana University, Slovenia*  
andrej.udovc@bf.uni-lj.si Agri-environmental measures and sustainability? GIS based institutional analyses of agri-environmental measures for protected areas in Slovenia.
- *Mari Shioya CETIP and CE SPECTRA at the Slovak University of Technology and Slovak Academy of Sciences* Institutional Dynamics and Adaptive Governance towards maintaining Socio-Ecological Resilience.

# **Special Session: Money and Degrowth**

Coordinator: Kristofer Dittmer<sup>1</sup>

<sup>1</sup>Institute of Environmental Science and Technology, Autonomous University of Barcelona

## **Rationale**

Frederick Soddy's critique of the monetary system based on interest-bearing debt is counted among the historical sources of ecological economics. The critique of money has gained heightened relevance in recent years, as the monetary system is largely seen to lie at the roots of the present multidimensional crisis. This session aims to further our understanding of the existing monetary system, addressing its association with growth imperatives and economic instability. An alternative analysis of growth imperatives from a structure-agency perspective will also be considered. We will discuss proposals for reforming the monetary system so as to make it compatible with degrowth of throughput in a socio-ecological transition to a steady-state economy. The session will also review research on local currencies, focusing on the prospects for such alternatives to money-as-usual to facilitate degrowth. An analysis of the links between income levels, happiness, and degrowth will also be presented.

## **Program**

### **Wednesday 19 June, 11:00-12:30, 302 (SUP Building), Money and Degrowth, Kristofer Dittmer**

- Local currencies for purposive degrowth? A quality check of some proposals for changing money-as-usual - Kristofer Dittmer, Institut de Ciència i Tecnologia Ambientals, Universitat Autònoma de Barcelona
- Monetary and fiscal policies for a finite planet - Joshua Farley, University of Vermont
- Voluntary degrowth – can we observe it empirically? A socio-economic and socio-cultural analysis of Bavarian low income municipalities. - Bernhard Gill, Ludwig Maximilian University of Munich, Department of Sociology - Johannes Schubert, Ludwig Maximilian University of Munich, Department of Sociology
- Structure and Agency in the Dynamics of Growth: A monetary macroeconomic equilibrium perspective on growth imperatives and stagnation - Christian Kimmich, Humboldt University Berlin - Ferdinand Wenzlaff, Leuphana University Lüneburg

# **Session Spéciale ESEE/RIODD : L'économie de la fonctionnalité : sortir d'une vision strictement microéconomique**

Coordinateur : Gérald Gaglio, Université de Technologie de Troyes

## **Présentation :**

L'économie de la fonctionnalité (EF) invite à ne plus apprêhender la production et l'usage de produits et de services de façon disjointe. Elle place au centre du propos les passerelles à établir entre la production et la consommation, en sorte de co-construire des « solutions intégrées » adossées à des attentes en matière écologique et sociale. Ces dernières fixeraient en première instance les conditions de déploiement des usages, qui seraient évolutives. Un saut systémique est alors engagé : on ne parle plus par exemple d'automobiles ou de moyens de transport, mais de solutions de mobilité, et ce à l'intérieur d'un territoire donné. Ce saut systémique permet de prendre en charge les externalités négatives (inégalités d'accessibilité, nuisances sonores, pollutions...). De ce fait, le périmètre des acteurs impliqués s'élargit : collectivités locales, collectifs de consommateurs, citoyens... De même, la nature de leurs relations change, puisque la volonté d'édifier collectivement une solution devient un pré requis. Les solutions mises à disposition impliquent une garantie de performance contractualisée et sont fondées sur l'usage d'un ensemble intégré de biens et de services. Cela suppose une transformation des modes de coopération dans le travail, une évolution des modes de consommation et des échanges marchands dissociés des transferts de droit de propriété. Sur le plan environnemental, l'EF est porteuse d'effets bénéfiques car elle associe la viabilité économique à la décroissance des flux de matière et au développement des ressources immatérielles (confiance, coopération, etc.). L'EF ainsi perçue conduit aussi vers une conception renouvelée des territoires en les considérant non plus comme de simples réceptacles d'offres, mais comme un ensemble de ressources à mobiliser et à développer (Gaglio, Lauriol, Tertre (du), 2011).

## **Programme :**

### **Mercredi 19 juin 2013, 14h-15h30 : Session Spéciale ESEE/RIODD : L'économie de la fonctionnalité : sortir d'une vision strictement microéconomique (Présidence: Gérald Gaglio, 208, SUP Building)**

- Towards a transportation system operated in accordance with the principles of functional economy - Marion Drut, EQUIPPE lab, Université Lille 1
- La dimension institutionnelle de l'économie de la fonctionnalité - Christian du Tertre, Laboratoire d'Intervention et de Recherche 'Analyse du Travail Et des Mutations des Industries et des Services', LADYSS, Univ. Paris VII.
- L'économie de la fonctionnalité, une traduction possible ou rêvée de la RSE dans un nouveau modèle économique ? - Thomas Lamarche, Laboratoire dynamiques sociales et recomposition des espaces, LADYSS, Univ. Paris VII.

# **Special session: Environmental conflicts and degrowth**

Coordinators: Federico Demaria 1,2,\* , Joan Martínez-Alier 1

1 : Universitat Autònoma de Barcelona (UAB ICTA) - [Website](#)

UAB Campus 08193 Bellaterra (BARCELONA) SPAIN – Espagne

2 : Centre for Studies in Science Policy, Jawaharlal Nehru University (CSSP JNU)

Delhi - Inde

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## **Rationale**

Both environmental conflicts and degrowth are at the center of ecological economics with links to other disciplines such as political ecology and environmental politics. Environmental conflicts are directly linked to both the issues of social metabolism and valuation (see the special issue in Ecological Economics titled “Social Metabolism, Ecological Distribution Conflicts, and Valuation Languages” by Martinez-Alier et al, 2010). Instead, degrowth comes as a proposal to articulate the strategies stemming from ecological economics and other disciplines and social movements, from changes in life style to ecological macroeconomics (see the Special Issue in Ecological Economics titles “The economics of degrowth” by Kallis et al, 2012). The novelty of the special session resides in bridging these two multidisciplinary fields of cutting-edge research in ecological economics. First, explore if and how environmental conflicts have contributed to the emergence of new ideas, practices, policies or concepts that promote environmental sustainability and social justice. Second, search whether these proposals emerging from environmental conflicts have successfully explored and pursued ways of making environmental sustainability and social justice compatible. Third, investigate the issue of the political subject primarily looking at what alliances exist between the Degrowth movement in the North and the environmental justice movement in the South.

## **Program**

**Auditorium (MACC's Building) : Special session - Environmental conflicts and degrowth (Chair: Federico Demaria, Joan Martínez-Alier), Wednesday, June 19, 2013 - 14:00 - 15:30**

- Capital accumulation, degrowth and environmental conflicts - *Federico Demaria, Centre for Studies in Science Policy, Jawaharlal Nehru University, Universitat Autònoma de Barcelona - Giacomo D'Alisa, Universitat Autònoma de Barcelona*
- The relevance of life projects for understanding links between degrowth and environmental conflict in the 'First World' - *Christos Zografos, IICTA, Universitat Autònoma de Barcelona*
- Mining conflicts at the crossroads of the de-growth and environmental justice movements - *Begüm Özkaynak, Boğaziçi University*

# **Special Session: The crisis of democracy in modern growth societies and the new cycle of protest**

Coordinators: Barbara Muraca<sup>1</sup> and Viviana Asara<sup>2</sup>

<sup>1</sup>Department of Sociology, University of Jena

<sup>2</sup> Institute of Environmental Science and Technology, Autonomous University of Barcelona

## **Rationale**

Modern western societies owe their relative institutional stability over time to their continuous capacity of dynamically stabilizing themselves by means of economic growth. As some scholars point out, increasing material wealth had kept social conflicts at bay, supported public expenditures in the social sector, and strengthened legitimacy. However, the current multiple crises (economic & financial crisis, ecological crisis, social and cultural crisis) due to the undeniable limits to growth threatens democratic and institutional stability, thus questioning how stable democratic institutions and procedures can address this challenge. Social movements from the Indignados to Occupy challenge the promises of economic growth for social stability and unmask (un)democratic structures, which increasingly seem to be hijacked by the interests of a globalized and financialized economy.

This session aims at exploring the links between democracy and growth, by focusing on the challenges for democratic stabilization on a degrowth path and/or on a transition towards a post-growth society. In doing so, an emphasis is devoted to a critique of capitalist growth from a democratic perspective, an analysis of institutional change processes, the possibility of democratic regime stability in a 'degrowth' society and perspectives and visions on the crisis put forward by social movements such as Indignados.

## **Program**

**19 June 2013 - 14:00 - 15:30, Salle 2 (MACC's Building), The crisis of democracy in modern growth societies and the new cycle of protest (Chair: Barbara Muraca & Viviana Asara)**

- "Does democracy need economic growth to its stabilization? Challenges and visions for a democratic transition to a postgrowth-society" by Barbara Muraca (University of Jena)
- "Growth and Domination. Shortcomings of the (De-)Growth Debate" by Ulrich Brand (Vienna University)
- "Degrowth, capitalism and democratic stability" by Daniel Hausknost (Alpen Adria Universitaet Klagenfurt)
- "From technocracy to democracy. Are ecological economists part of a social movement for sustainable development?" by Peter Söderbaum (Mälardalen University)
- "The indignados movement in Barcelona. Framing the crisis and democracy" by Viviana Asara (Autonomous University of Barcelona)

# **Special Session ESEE/RIODD: Common-Pool Resources and Social-Ecological Systems (in memory of Elinor Ostrom)**

Coordinators: Roland Perez (MRM, Montpellier), Eduardo Brondizio (Indiana University, Bloomington), François Bousquet (CIRAD Green, Montpellier)

## **Rationale**

Le monde contemporain doit affronter plusieurs défis majeurs : deux d'entre eux apparaissent particulièrement prégnants et pour certains contradictoires ; il s'agit, d'une part du développement des agro-ressources pour faire face aux besoins alimentaires d'une population mondiale de plus en plus nombreuse et aux besoins énergétiques également croissants, d'autre part de la nécessité de préserver des écosystèmes particulièrement fragilisés, du fait notamment des activités humaines de production intensive.

Cette session spéciale correspond à plusieurs motivations convergentes.

- Tout d'abord, poursuivre la réflexion collective commencée en juillet 2010 en associant de nouveaux partenaires
- Ensuite, élargir la gamme des items étudiés, soit en termes de questions de recherche, soit en termes de terrains étudiés et/ou de méthodes d'analyse
- Egalement, approfondir la problématique initiale et, par là même, contribuer à élaborer une nouvelle synthèse à publier dans un nouvel ouvrage.
- Enfin, cette rencontre sera l'occasion de rendre hommage à *Elinor Ostrom*, disparue en juin 2012. Cette chercheuse d'exception avait bien voulu s'intéresser à ce programme de recherches sur les relations entre agro-ressources et écosystèmes auxquelles elle avait elle-même apporté des contributions majeures, lui ayant valu le Prix Nobel d'économie en 2009.

## **Program**

**Wednesday 19, June, 2013 – 5:00 – 6:30 pm : Special Session ESEE/RIODD: Common-Pool Resources and Social-Ecological Systems (in memory of Elinor Ostrom) (Chairperson: Roland Perez, Auditorium, MACC's Building)**

- *The land above, within, and below: the evolving complexity of landscapes and common pool resources*, Eduardo Brondizio (Indiana University, USA), R. Araujo (INPE-MPEG, Brazil), Nathan Vogt (INPE, Brazil), F-M. Le Tourneau (CREDA, U. Paris 3)
- *Role-playing games to assess the external validity of field experimental economics* - Francois Bousquet (UPR GREEN, CIRAD), D. Castillo, J-C. Cardenas, M. Janssen
- *Roundtable - A New Science of Governance for the New Age* - Jean-Louis Le Moigne, Réseau Intelligence de la Complexité - Meriem Bouamrane, UNESCO-MAB.

# **Special session - Capitalism, Green Growth and Degrowth**

Coordinators: Claudio Cattaneo<sup>1</sup> & Igor Matutinovic<sup>2</sup>

<sup>1</sup> Dipartimento di Economia. Universita Carlo Cattaneo, Castellanza, Italy

<sup>2</sup> GfK – Center for Market Research, Croatia.

## **Rationale**

The physical limits to growth have been largely acknowledged in society (Meadows et al., 1972). The material limitation of the economic process (Georgescu-Roegen, 1971) is a foundation of ecological economics. The debate over the (im)possibility of infinite economic growth -also related to weak versus strong visions of sustainable development (Ecological Economics, 22, 1997)- defines the division between neoclassical economics and ecological economics.

The current special session will try to address the following key questions: Will, market capitalism be able to survive the pressing limitations of the natural environment through a transition to green growth? Will technological and or institutional improvements contribute to a smooth transition to the business-as-usual green economy? How likely is that economic growth continues? And, in line with the degrowth criticism, how desirable is that? What is the role of capitalism, green growth and sustainable degrowth in ecological economics? What lessons can be learnt from non-capitalist practices? The contributions to this session attempt to provide an answer to these critical questions.

## **Program**

**Wednesday, June 19, 2013 - 17:00 - 18:30, 1 (Sup Building), Capitalism, Green Growth and Degrowth (Chair : Igor Matutinovic)**

- *Capitalism and sustainability*, I. Matutinovic [et al.]
- *The Growth Paradigm: Its intellectual history and current travails*, G. Dale
- *Criticism of economic growth as phenomenon, structure and ideology: A comparative analysis of contemporary degrowth classics*, L. Haapanen [et al.]
- *Río +20 in Perspective: From the Limits to Growth to the Green Economy*, E. Gómez-bagethun [et al.]

# **Special Session: Shared, Plural and Cultural Values of Ecosystems**

Coordinators: Jasper O. Kenter<sup>1</sup> and Katherine Irvine<sup>2</sup>

<sup>1</sup>Aberdeen Centre for Environmental Sustainability, and Oceanlab, University of Aberdeen, Scotland

<sup>2</sup> James Hutton Institute, Aberdeen, Scotland

## **Rationale**

Taking the full value of ecosystems to human society into account requires theoretical and methodological plurality in how we consider the importance of biodiversity and ecosystem services (UK National Ecosystem Assessment, 2011). Conventional methods for valuing the benefits of ecosystems consider their social value as the aggregate of individual welfare, but such methods may not be able to fully capture shared and cultural meanings and significance ascribed to natural environments. This special session aims to establish, clarify and discuss the concept of shared values of ecosystems and the relation of this concept to other value categories (such as social, plural and cultural values); examine the relationship between shared and individual values; review shared values in the literature; and present some empirical evidence on the relevance of shared values as a distinct value stream. The session will consist of short presentations followed by an extended discussion/feedback time. The session is prepared and facilitated by the UK National Ecosystem Assessment Shared, Plural and Cultural Values work package team.

## **Program**

**Shared, Plural and Cultural Values of Ecosystems, Wednesday, June 19, 17.00 – 18.30, Salle 1 (MACC's Building), Chairpersons: Jasper Kenter and Katherine Irvine**

Kenter, J O<sup>1</sup>, Christie, M<sup>2</sup>, Church, A<sup>3</sup>, Fazey, I<sup>4</sup>, Hockley, N<sup>5</sup>, Irvine, K<sup>6</sup>, O'Brien., L<sup>7</sup>, Ravenscroft, N<sup>3</sup>, Reed, M<sup>8</sup>. What are shared and social values of ecosystems? O'Brien, L<sup>7</sup>, Irvine, K<sup>6</sup>, L, Kenter, J O<sup>1</sup>, and Reed, M<sup>8</sup>. Shared and cultural values around ecosystems, health and renewable energy – a literature review.

Bryce, R<sup>1</sup>, Davies, A<sup>9</sup>, Redpath, S<sup>1</sup>. Managing land for multiple benefits in the Scottish uplands: the influence of values across regions and institutions.

Kenter, J O<sup>1</sup>, Davies, T<sup>9</sup>, Fazey, I<sup>4</sup>, Ryan, M<sup>1</sup>. Eliciting shared and cultural values of ecosystems using deliberative valuation and participatory systems modelling – a case study from the Solomon Islands.

Extended discussion and feedback time.

1 University of Aberdeen, Scotland

2 Aberystwyth University, Wales

3 University of Brighton, England

4 University of Dundee, Scotland

5 Bangor University, Wales

6 James Hutton Institute, Scotland

7 Forestry Commission, UK

8 Birmingham City University, England

9 University of St Andrews, Scotland

# **Special session - Sustainability Transitions, Doubly Green Chemistry and Biorefinery**

Coordinators: Martino Nieddu<sup>1</sup>, F.D. Vivien<sup>2</sup>

<sup>1</sup> EA6292 REGARDS, University of Reims.

<sup>2</sup> EA6292 REGARDS, University of Reims...

## **Rationale**

This session is dedicated to the reflection on the transition from cheap oil era to renewable resources uses. Twenty years after the adoption of the Rio Conventions, the development of the "green economy" has been differentiated into sectors of activity, such as "green chemistry", "bioenergy", "knowledge based bioeconomy" and so one. This session covers the choice between the transition to a cleaner chemical industry and the transition towards the use of renewable resources to replace petroleum. There are three conflicting issues: intensification of natural resources use, optimizing industrial sites based on industrial ecology principles, which principles may be isolated from local constraints and requirements, and finally creating a post petroleum era by using renewable feedstock rather than striving for a low-carbon economy. The wide range of chemical research programs indicates that solutions with very different philosophies are being developed to achieve a "doubly green chemistry".

In this session we would like to welcome and confront interdisciplinary approaches, such as green chemistry *science studies*, *economic anthropology* of doubly green chemistry, analysis of *sustainability impacts* of agriculture on environmental services, or *industrial and territorial ecology approach* of the metabolism of bioeconomy.

## **Program**

### **Thursday, June 20, Salle 1 (MACC's Building), 11h 12h30: Sustainability Transitions, Doubly Green Chemistry and Biorefinery (I) chairperson : Clarisse Cazals**

- Revisiting the Sustainability Transitions in Doubly Green Chemistry  
*Martino Nieddu, Franck-Dominique Vivien*

- From bioenergy to biorefinery: controversies in the Danish transition towards a fossil free society,  
*Michael Jørgensen, Bente Andersen*

- Biorefinery Techno-fixes for Resource Constraints?

*Les Levidow*

-The continental biorefineries: a civil privatization of the agro-industrial choices?  
*Julie Gobert, Sabrina Brullot*

### **Thursday, June 20, Salle 1 (MACC's Building), 14h 15h30 Sustainability Transitions, Doubly Green Chemistry and Biorefinery (II) chairperson : F.D. Vivien**

- Biorefinery concept and ecosystem services of a territory: an exploration within an agricultural region

*Natalia Sirina*

- Do we need a unified appraisal framework to synthesize biofuel impacts?

*Alexandros Gasparatos, Markku Lehtonen, Per Stromberg*

- What if Science follows Policies?

*Benoît Chèze*

- Economic analyze integration to Life Cycle Assessment: agricultural case from Turkey

*Nisa Mencet Yelboga, Cengiz Sayin*

**Thursday, June 20, Salle 1 (MACC's Building), 16h 17h30 Sustainability Transitions, Doubly Green Chemistry and Biorefinery (III) chairperson : M. Nieddu**

- Which analytical framework to analyse territorial anchorage of the productive activity based on forestry biomass?

*Clarisse Cazals, Arnaud Sergent*

- Green chemistry, its eco-concepts and its practices: A dialogue between science and philosophy

*Jean-Pierre Llored*

- Towards a dominant design for the sustainable chemistry? The analyze of the relationships between green chemistry and doubly green chemistry for academic research and industrial innovation

*Romain Debref, Estelle Garnier*

# **Special Session: Institutional Analysis of Ecosystem Services in Developing Countries**

Coordinators : Philippe Mérat<sup>1</sup>, Roldan Muradian<sup>2</sup>, Géraldine Froger<sup>3</sup>

<sup>1</sup> UMR Gouvernance, Risque, Environnement, Développement (GRED) - Institut de Recherche pour le Développement (IRD)

<sup>2</sup> Centre for International Development Issues, CIDIN Radboud University Nijmegen.

<sup>3</sup> Centre d'études sur la mondialisation, les conflits, les territoires et la vulnérabilité (CEMOTEV) - Université de Versailles-Saint Quentin en Yvelines (UVSQ).

## **Rationale**

The concept of Ecosystem services has taken a substantial importance within conservation policies of biodiversity in developing countries. Initially stemming from ecology, this concept has been quickly adopted by a variety of other disciplines, and particularly economics. This has had two main consequences: first, the revival of monetary valuation, aiming to raise the awareness about the contribution of ES to the economy; and secondly, the promotion of the so called "market-based mechanisms" (and more particularly payments for ecosystem services) for solving problems related to the management of ES, particularly in developing countries (with the hope to induce positive impacts on both poverty alleviation and environmental stewardship). Several ecological economists have argued about the importance of taking into account the institutional dimension when designing these instruments, or assessing their impacts on the ground. This special session aims to contribute to the construction of an institutional framework - from the perspective of ecological economics - for analyzing the emerging governance modes in the management of ES, particularly in developing countries. Such a framework should go beyond the analysis of environmental externalities and market solutions to them, and it should incorporate insights from political ecology, international political economy, the perception of stakeholders, the modalities of governance, the role of public policies, etc.

## **Program**

**Thursday, June 20, 2013 - 11:00 - 12:30, Salle 2 (MACC's Building), special session - Institutional analysis of Ecosystem Services in Developing countries 1 (Chair: Géraldine Froger)**

- Philippe Mérat<sup>1</sup>, Cécile Bidaud<sup>1</sup>, Denis Pesche<sup>2</sup>, Jean-François Le Coq<sup>2,3</sup>, Géraldine Froger<sup>4</sup> ; <sup>1</sup>IRD, UMR GRED, <sup>2</sup>CIRAD, UMR ArtDev, <sup>3</sup>UNA/CINPE, <sup>4</sup>UVSQ, Cemotev ; *Institutional dimensions of ES and their main application, PES: what sociology and political sciences can bring to economic approaches?*
- Rémi Mongruel<sup>1</sup>, Harold Levrel<sup>1</sup> ; <sup>1</sup>Ifremer, UMR Amure ; *The institutional foundations of the ecosystem services approach*

- Roldan Muradian<sup>1</sup>, <sup>1</sup>CIDIN, Radboud University Nijmegen ; *Payments for Ecosystem Services as Incentives for Collective Action*
- Bina Agarwal<sup>1</sup>, <sup>1</sup>SED/UoM ; *Forest Use Rules in South Asia's Community Governed Forests: Does Gender Make a Difference?*

**Thursday, June 20, 2013 - 14:00 - 15:30, Salle 2 (MACC's Building), Special session - Institutional analysis of Ecosystem Services in Developing countries 2 (Chair: Philippe Mérat)**

- Denis Pesche<sup>1</sup>, Jean-François Le Coq<sup>1,2</sup> ; <sup>1</sup>CIRAD, UMRArtDev, <sup>2</sup>UNA/CINPE ; *Costa Rican Payment for Environmental Services: Between international and national influence, a feedback analysis*
- Colas Chervier<sup>1</sup>, Malyne Neang<sup>2,3</sup>, Asikin Yoeu<sup>3</sup> ; <sup>1</sup>CIRAD, <sup>2</sup>IRSTEA ; <sup>3</sup>RUA of Cambodia ; *Development of ecosystem-services-based policy tools in Cambodia*
- Géraldine Froger<sup>1</sup>, Pierre Alexandre Maizière<sup>1</sup> ; <sup>1</sup>UVSQ, Cemotev ; *Can payments for environmental services be used to reduce local vulnerability?*
- Jean-François Le Coq<sup>1,2</sup>, Fernando Saenz-Segura<sup>2</sup> ; <sup>1</sup>CIRAD, UMRArtDev, <sup>2</sup>UNA/CINPE ; *Environmental services and market coordination: the role of local intermediary organizations in the program of Payment for Environmental Services in Costa Rica*

**Thursday, June 20, 2013 - 16:00 - 17:30, Salle 2 (MACC's Building), Special session - Institutional analysis of Ecosystem Services in Developing countries 3 (Chair: Roldan Muradian)**

- Emilie Coudel<sup>1,2</sup>, Pierre Bommel<sup>1,3</sup>, Federico Cammelli, Joice Ferreira<sup>2</sup>, Livia Navegantes<sup>4</sup>, Marie-Gabrielle Piketty<sup>1</sup>, Martine Antona<sup>1</sup> ; <sup>1</sup>CIRAD-UR Green <sup>2</sup>Embrapa Amazonia Oriental, <sup>3</sup>PUC Rio de Janeiro, <sup>4</sup>UFPA-NCARD ; *Fire risk and smallholders in the Brazilian Amazon: use of a role playing game to conceive incentives for forest conservation*
- Renaud Lapeyre<sup>1</sup>, Romain Pirard<sup>1</sup>, Beiria Leimona<sup>2</sup> ; <sup>1</sup>IDDRI, <sup>2</sup>World Agroforestry Centre (ICRAF), CIFOR ; *Funding reforestation with Payments for Ecosystem Services in Indonesia: Does it trigger institutional innovation?*
- Cary Hendrickson<sup>1,2</sup>, Esteve Corbera<sup>1</sup> ; <sup>1</sup>UAB-ICTA, <sup>2</sup>Università di Roma "La Sapienza", Dipartimento MEMOTEF ; *Fences and property: participation dynamics and institutional change in carbon forestry*
- Cécile Schneider<sup>1</sup>, Emilie Coudel<sup>2,3</sup>, Philippe Sablayrolles<sup>4</sup>, Pierre Clavier<sup>5</sup>, Celma Oliveira<sup>5</sup> ; <sup>1</sup>Science Po Paris, <sup>2</sup>CIRAD-UR Green, <sup>3</sup>Embrapa Amazonia Oriental, <sup>4</sup>Gret, <sup>5</sup>Adafax ; *Willingness of small farmers to make a transition out of deforestation and implications for REDD projects: insight from São Felix do Xingu (state of Pará, Brazil)*

# **Special Session ESEE/RIODD: Critical analysis of environmental management arrangements**

Coordinators: Eve Chiapello<sup>1</sup>, Maya Leroy<sup>2</sup>

<sup>1</sup>EHESS, IMM-CEMS, Paris

<sup>2</sup> Agro Paris Tech, Pôle GEEFT «Gestion Environnementale des Ecosystèmes et ForêtsTropicales », Montpellier

## **Rationale**

Environmental management mechanisms - which seek to preserve a particular natural resource, or ecosystem, or to prevent their depletion or degradation- are hybrid combinations of management tools, of actors, and ways of coordinating action. They incorporate models of processes, technical expertise, types of problematization, proposals for measures to be adopted, models for evaluating, and a choice of outcomes. All these elements can be seen as conventions that the actors negotiate and adopt in order to construct a particular management model.

In this session we will seek to gather together research that enters the environmental question through analysis of the management arrangements implemented.

This project should be seen as a way of identifying the institutions and institutional ways of functioning that condition invention and implementation of these arrangements upstream, and transform the project during implementation, possibly deflecting it from its initial aim.

## **Program**

**Thursday, June 20, 2013 - 11:00 - 12:30 Salle 4 (MACC's Building) :**

**Sub-session 1: The construction of environmental management**

**arrangements** (Chair: Eve Chiapello & Maya Leroy)

- Introduction (*Eve Chiapello, Maya Leroy*)
- Genesis of environmental management arrangements in the Amazonia, comparison France (French Guiana) Brazil (Amapá) (*Sandra Nicolle, Agro Paris Tech, CNRS-Guyanne*)
- The mechanisms for quantifying the costs incurred by asbestos removal projects (*Nicolas Berland, Université Paris-Dauphine*)
- Experimenting with technique. How to make an agro-environmental management device? (*Didier Busca ,Marion Vidal, CERTOP UMR 5044 CNRS, Montpellier*)

**Thursday, June 20, 2013 - 14:00 - 15:30 Salle 4 (MACC's Building)**

**Sub-session 2.1: Consequences and effects of environmental**

**management** (Chair: Eve Chiapello & Maya Leroy)

- Differentiating Payment for Ecosystem Services arrangements as a necessary step to discussing their strengths and weaknesses (*Tiphaine Leménager, AFD, Yann Laurans, AESN*)

- A management perspective on economic tools for biodiversity (*Laurent Mermet*, Agro Paris Tech).
- Forest certification devices: evaluate their implementation from an environmental effectiveness perspective (*Stéphane Guéneau*, CIRAD, MOISA)

**Thursday, June 20, 2013 - 16:00 - 17:30, Salle 4 (MACC's Building)**

**Sub-session 2.2 : Consequences and effects of environmental management Arrangements** (Chair: Maya Leroy, Eve Chiapello)

- Agri-environmental designs: failure of substantive efficiency appeals for procedural effectiveness (*Marc Barbier, Patrick Steyaert*, INRA, UR1326 Sciences en Société)
- Quantitative analysis of French marine and coastal environmental policy performance: first step from a local scale (*Michel Duhalde, Harold Levrel, Olivier Guyader*, IFREMER, Université de Bretagne Occidentale, Ecole des Ponts Paris Tech)
- The Moroccan Agdal as an archetype of Community Based Natural Resources Management system. Contributions and limits of a "new institutionalist" perspective on environmental management (*Pierre-Marie Aubert*, AgroParisTech - Montpellier Recherche en Management)
- Conclusion (*Maya Leroy ,Eve Chiapello*)

# **Special Session: Biodiversity: Valuation, Conservation and Policy**

Coordinators: Iulie Aslaksen<sup>1</sup>, Per Arild Garnåsjordet<sup>2</sup>

<sup>1</sup> Statistics Norway, Research Department

<sup>2</sup> Statistics Norway, Research Department

## **Rationale**

Monetary valuation of nature, in the form of ecosystem services, is increasingly called for, in order to reach the attention of policy makers. Within ecological economics, many researchers question this pragmatic approach, in particular concerning intrinsic nature values and commodification of nature. This special session will contribute to critical discussion of valuation of biodiversity and ecosystems, in general and illustrated with policy-relevant cases and with examples from research projects in Norway, related to economic policy instruments and the Nature Index. We also present the Experimental Ecosystem Accounting, currently developed by the UN Statistical Office in cooperation with the World Bank and the European Environmental Agency and other international organizations. These accounts in physical and biophysical units will contribute to assessments in terms of priority and importance of ecosystem capacity and ecosystem services. A crucial issue is how policy targets may be supplemented with ecological information based on biodiversity and ecosystems, combined with economic analysis of policy instruments, in order to supplement and modify economic valuation.

## **Program**

**Thursday, June 20, 2013 - 11:00 - 12:30, Salle 3 (MACC's Building):  
Special session: Biodiversity: valuation, conservation and policy 1,  
(Chair: Iulie Aslaksen)**

- Arild Vatn ([arild.vatn@umb.no](mailto:arild.vatn@umb.no)), University of Life Sciences, Norway.  
Markets in Environmental Governance: From Theory to Practice.  
**Presenting author: Arild Vatn.**
- Per Arild Garnåsjordet ([pag@ssb.no](mailto:pag@ssb.no)), Statistics Norway, Jane McDonald, University of Queensland, Ben ten Brink , PBL Netherlands Environmental Assessment Agency. *The United Nations System of Environmental-Economic Accounting (SEEA) Experimental Ecosystem Accounting – implications for biodiversity policy?* **Presenting author: Per Arild Garnåsjordet.**
- Iulie Aslaksen ([iulie.aslaksen@ssb.no](mailto:iulie.aslaksen@ssb.no)), Statistics Norway, Erik Framstad, NINA Norwegian Institute for Nature Research, Per Arild Garnåsjordet , Statistics Norway, Signe Nybø , NINA Norwegian Institute for Nature Research, Olav Skarpaas, NINA Norwegian Institute for Nature Research. *Biodiversity and ecosystem services: The Nature Index for Norway.* **Presenting author: Iulie Aslaksen.**

- David N. Barton ([david.barton@nina.no](mailto:david.barton@nina.no)), NINA Norwegian Institute for Nature Research. *Path-dependent polycapes: a theoretical approach to the evaluation of policymixes for biodiversity conservation.* **Presenting author:** David N. Barton.

**Thursday, June 20, 2013 - 14:00 - 15:30, Salle 3 (MACC's Building):  
Special session: Biodiversity: valuation, conservation and policy 2,  
(Chair: Per Arild Garnåsjordet)**

- Bjart Holtsmark ([bjart.holtsmark@ssb.no](mailto:bjart.holtsmark@ssb.no)), Statistics Norway, Per Arild Garnåsjordet, Statistics Norway. *Carbon storage in boreal forests – economic and environmental policy approaches.* **Presenting author:** Per Arild Garnåsjordet.
- Kristine Grimsrud ([kristine.grimsrud@ssb.no](mailto:kristine.grimsrud@ssb.no)) Statistics Norway, *Consequences of Uncoordinated Responses to Diffusing Invasive Alien Weed Stocks: a Dynamic Game Analysis.* **Presenting author:** Kristine Grimsrud.
- Ivar Gaasland ([ivar.gaasland@snf.no](mailto:ivar.gaasland@snf.no)), Institute for Research in Economics (SNF) and Business Administration /University of Bergen, Ann Norderhaug, Norwegian Institute for Agricultural and Environmental Research, Solveig Glomsrød, CICERO Centre for Climate and Environmental Research-Oslo, Julie Aslaksen, Statistics Norway, Wei Taoyuan, CICERO Centre for Climate and Environmental Research-Oslo, Per Arild Garnåsjordet, Statistics Norway. Agricultural policy and landscapes for biodiversity. **Presenting author:** Ivar Gaasland.
- Erik Gómez-Bagethun ([erik.gomez@uam.es](mailto:erik.gomez@uam.es)), Universidad Autónoma de Madrid. *Ethical and political considerations on the commodification of ecosystem services.* **Presenting author:** Erik Gómez-Bagethun.

# **Special Session: Distributed Innovation/Agency in Sustainable Energy Transitions**

Coordinators: Gill Seyfang<sup>1</sup> and Jason Chilvers<sup>1</sup>

<sup>1</sup>3S (Science, Society and Sustainability) Research Group, School of Environmental Sciences, University of East Anglia

## **Rationale**

Climate change and dwindling natural resources are forcing societies to reconfigure institutions in the energy system towards more sustainable future pathways. To date, the dominant institutions and approaches for managing energy transitions have been centralised and techno-centric. Yet conditions of complexity, uncertainty and fragmentation that characterize late modern societies are leading to more distributed forms innovation and agency in energy system change. This ranges from processes orchestrated by public and private institutions (e.g. deliberative consultation processes and behaviour change programmes) through to more 'bottom-up' and grassroots processes, where citizens produce alternative visions, innovations and forms of social organization (e.g. community energy initiatives, forms of activism/protest).

Against this background, this session aims to develop new theoretical, methodological and empirical insights on the institutional dynamics, roles and potential of distributed forms innovation and agency in sustainable energy transitions. It does this through showcasing research from the 3S Research Group at UEA in the form of three key papers. This will be followed by brief provocative responses from two leading international scholars in the field, before opening the remainder of the session up to full plenary discussion. This final part provides a vital opportunity for conference participants to openly reflect on and discuss the key themes and questions raised in the session.

## **Program**

**Thursday June 20 2013, 11:00-12:30, 303 (SUP Building): Special session: Distributed innovation/agency in sustainable energy transitions (Chairs: Gill Seyfang & Jason Chilvers)**

- Contribution 1: 'Community Energy in the UK: examining grassroots innovations for sustainable energy transitions'  
Gill Seyfang\*, Tom Hargreaves (3S Group, UEA), Sabine Hielscher, Mari Martiskainen, Adrian Smith (SPRU, University of Sussex)
- Contribution 2: 'Who uses smart homes? Representations of users by the smart home industry'  
Tom Hargreaves\* and Charlie Wilson (3S Group / Tyndall Centre, School of Environmental Sciences, UEA)
- Contribution 3: 'Participation in transition(s): emergent engagement, politics and actor dynamics in low carbon energy transitions'  
Jason Chilvers\* and Noel Longhurst (3S Group, UEA)
- Contribution 4 : Discussant responses  
Inge Røpke (Department of Development and Planning, Aalborg University)  
Andy Stirling (SPRU, University of Sussex)

*Followed by open plenary discussion*

\*Denotes speaker

# **Special Session: PME et Responsabilité Sociétale (SMEs and social responsibility)**

Coordinators: Jean-Marie Courrent<sup>1</sup>, Martine Spence<sup>1</sup> and André Sobczak<sup>3</sup>

<sup>1</sup> Montpellier Research in Management, Labex Entreprendre, University of Perpignan.

<sup>2</sup> Telfer School of Management, University of Ottawa.

<sup>3</sup> Audencia Nantes

## **Rationale**

Long ignored by the field of corporate social responsibility (CSR), SMEs have gained popularity as demonstrated by the increase in the number of academic articles published on CSR, stakeholder theory and SMEs in the past few years: Mitchell & al., 2011; Fassin & al., 2011; Spence, 2007, 2006, 2004, 2000; Murillo & Lozano, 2009; Jenkins, 2009; Berger-Douce, 2007.

Work still needs to be done, however, to establish the credibility of theoretical and empirical SME/CSR research. The call by Spence (2007) for a research agenda in this domain is underway, but it is far from complete. There are notable gaps in the macro level analysis of SMEs and CSR (Moore & Spence, 2006) and many questions remain in terms of research on CSR for SMEs in emerging countries.

In this regard, this session particularly focuses on the following questions:

- What theoretical frameworks are most appropriate to the study of CSR/GR (global responsibility) in SMEs?
- What are the impacts of SMEs governance structures or corporate ownership structures on their CSR?
- What are the impacts of national, regional or organisational cultures on CSR in SMEs?
- How does CSR differ among SMEs from different sectors?
- Is CSR different for SMEs from emerging countries?

## **Program**

**Thursday, June 20, 2013 - 11:00 - 12:30, room 103, SMEs and social responsibility – PME et responsabilité sociétale, chair: Jean-Marie Courrent**

- Sandrine Berger-Douce, Arnaud Gautier, Christian Brodhag (Ecole Nationale Supérieure des Mines de Saint-Etienne – Institut Fayol) - *La RSE, une source de création de valeur partagée en PME ?*
- Lorraine Uhlauer (EDHEC Business School), Aude Grillot (Factor-X, The Climate Consulting Group) - *A Change management approach to sustainability in Small and Medium Enterprise.*
- Agnès Paradas (Montpellier Recherche en Management, Université d'Avignon) - *L'engagement responsable de dirigeants de petites entreprises.*
- Martine Spence (Université d'Ottawa, École de gestion Telfer), Jean-Marie Courrent (Montpellier Recherche en Management, Université de Perpignan Via Domitia), Marilyne Bonsirven (Université d'Ottawa, École de gestion Telfer), Jouhaina Gherib (Université de la Manouba) - *Profil de l'entrepreneur et adhésion à la vision «business case» des politiques sociales et environnementales des PME.*

# **Special Session - The Role of Civil Society Actors in Mainstreaming the Ecosystem Service Concept**

Coordinators: Bettina Matzdorf<sup>1</sup>, Claudia Sattler<sup>1</sup>, Bernardo Aguilar-González<sup>2</sup>

<sup>1</sup>Leibniz-Centre for Agricultural Landscape Research (ZALF), Institute for Socio-Economics, Eberswalder Str. 84, 15374 Muencheberg, Germany

<sup>2</sup> Executive Director, Fundacion Neotropica Costa Rica, Adjunct Faculty, Northern Arizona University (USA)

## **Rationale**

The ecosystem service (ES) concept received more and more attention in environmental policy and management within the last years. However, the key questions are: 'How to really mainstream the concept?' and 'Who are the relevant actors for this task?' This puts a spotlight on the question: 'For which actors does the concept have practical relevance and why?' In our session we want to look critically at civil society actors and their specific role in mainstreaming of the ES concept. Research on this specific actor group within the ES research is worthwhile as on the one hand civil society plays a key role in environmental governance and civil society actors are described as flexible and innovative. On the other hand it must be explored whether the ES concept, as a more or less economic approach, fits the self-conception and motivation of civil society, where voluntary work and altruism play a major role. The specific potential and the limits of civil society actors for bringing the ecosystem services "down to earth" is as much a focus in the session as empirical results with regard to the use of ES concept in practice.

Because payments for ecosystem services (PES) are currently the most important instrument in terms of ES concept application, the session puts emphasis on this specific instrument. However, this session shall not only focus on civil society in PES but on civil society activities in various ES management systems.

## **Program**

**Thursday, June 20, 2013 - 11:00 - 12:30, SUP Building: Special session - The Role of Civil Society Actors in Mainstreaming the Ecosystem Service Concept (Chairs: Bettina Matzdorf, Bernardo Aguilar-González)**

- Bettina Matzdorf, Aguilar-González - The Role of Civil Society Actors in Mainstreaming the Ecosystem Service Concept – An Introduction
- Sub-Session 1: What is the role of Civil Society Actors in PES? (45 minutes)
  - Claas Meyer (Leibniz-Centre for Agricultural Landscape Research (ZALF) - Strength and weaknesses of state initiated Payments for Ecosystem Services: Actors' roles and implementation performance
  - Kristin Nicolaus (Leibniz-Centre for Agricultural Landscape Research (ZALF) - Communication and participation in the designing of Payments for Ecosystem Services (PES): Who decides? Findings from case studies in Germany and the UK

- Sarah Schomers (Leibniz-Centre for Agricultural Landscape Research (ZALF) - How to enable civil society initiatives to facilitate efficient and effective PES implementation? - An elaboration of the issue in German Landcare Groups -
- Joined discussion

Sub-session 2: Further premises for and implications of civil society activities in ES management (30 minutes)

- Alain Karsenty (Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) - On the misuse of metaphors: Are payments for environmental services instruments of commodification of the nature?
- Bernardo Aguilar-González (Fundacion Neotropica) - How do Civil Society Actors use the ES concept? A Case Study of Ecological Economic Valuation and Participatory Ecological Conflict Resolution in the Work of an Environmental NGO in Costa Rica.

# **Special Session ESEE/RIODD: Environmental Externalities, Social Cost and Theory of the Firm**

Coordinators: Corinne Gendron, CRSDD, UQAM, Canada; Michel Capron, UPEC, France.

## **Rationale**

A broad analysis of the social responsibility movement sheds light on those transformations by which the corporation seems to be reshaped by recent regulation mechanisms, legal developments and judicial decisions. Those institutional innovations question the boundaries of the firm, its rationale and even its relevance in the light of the challenges faced by our societies. Unfortunately, the dominant academic debate around the definition of the firm mostly unaware of social responsibility literature, cannot tackle these innovations. Well illustrated by the famous Jensen et Mecling (1976) contribution, it tends to narrow the conceptualisation of the firm to a debate between two concurring private interests – the director and the shareholder – obscuring the question of its link to a wider range of social actors and its relevance, as an institution, to society at large. This is surprising given the fact that this debate originated from a study, Berle and Means' *The Modern Corporation & Private Property*, that fully recognised the social dimension of firm and its interplay between numerous actors. It is true that the process described by Berle and Means in 1932 by which control has been divorced from ownership sheds light on the conflicting interest between shareholders and directors. But their analysis also shows that the modern corporation is a totally new construction that involves others actors in addition to shareholders. In this respect, Kapp has proposed some interesting work showing how the firm is related to other social actors, and that this relation can be acknowledged as a vector of environmental and social externality. His concept of social cost differs from Marshall, Pigou and Coase's externality concept. This approach might be interesting to understand in a more fundamental way, the rationale linking a firm with its stakeholder, and might provide a space to build a dialogue between environmental economics and the theory of the firm. It is in this perspective that this special session will focus on the possible articulation of a theory of the firm and the literature about environmental externalities and social costs.

## **Program**

**Thursday June 20<sup>th</sup>, 2013, 2:00 – 3:30 pm - Special Session ESEE/RIODD : Environmental externalities, social cost and theory of the firm (Chairpersons: Corinne Gendron, Michel Capron, Auditorium, MACC's Building)**

- Three conceptual tools for CSR - of which only one (externalities) is traditional - and inappropriate - Olivier Favereau, *EconomiX*
- SOCIAL RESPONSABILITIES: FROM A STAKEHOLDER TO A MANAGERIAL THEORY OF THE FIRM -Blanche Segrestin, *Centre de Gestion Scientifique*

- How Karl-William Kapp was received by economists - *Bernard Girard, Chaire de Responsabilité sociale et de développement durable*
  - Une conception procédurale de l'efficacité à partir de l'institutionnalisme de Commons pour une redéfinition collective de l'entreprise et de sa responsabilité environnementale. - *Gaetan Saout, Centre lillois d'études et de recherches sociologiques et économiques*
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# **Special Session : Exploring the Role of Habitual Practices, Social Norms and Peers in (Un)Sustainable Consumption Behaviours: Theory, Evidence and Policy**

Coordinators: Nathalie Lazaric<sup>1</sup>, Kévin Maréchal<sup>2</sup>, Vanessa Oltra<sup>3</sup> and Ali Douai<sup>1</sup>

<sup>1</sup> GREDEG, UMR 7321 CNRS and University of Nice Sophia-Antipolis

<sup>2</sup> Centre for Economic and Social Studies on the Environment (CESSE), Université Libre de Bruxelles – Université d’Europe

<sup>3</sup> GREThA, UMR 5113 CNRS and University of Bordeaux

## **Rationale**

This special session focuses on the recent theoretical and methodological developments and empirical evidence about the role of habitual practices, social norms and peers effect in explaining (un)sustainable consumption behaviors.

It is based on the central argument that socio-economists (and other social scientists) need to conceptualize sustainable consumption behavior, lifestyles and daily routines in such a way as to avoid the pitfalls of many of the “purely” micro-approaches that have been developed to date. We argue for an institutional-structural contextual approach to sustainable consumption that sheds light on the existence of habitual social practices, the role of social norms and of the relevant social network and on a potential gap between intentions and actions in daily life.

The purpose of this session is to understand in what extent and how these concepts can be used to explain this variability and to provide some clues for the identification of policy instruments that overcome the shortcomings of “one best way” or “one fits all”-based incentives or mechanisms.

## **Program**

**Thursday, June 20, 2013 - 14:00 - 15:30, Room 211 (SUP Building), Chair : Kévin Maréchal**

- *Social norms and consumer's green behaviour: theory and evidence from France*  
Jean Belin<sup>oo</sup>, Ali Douai<sup>o</sup>, Sébastien Lavaud <sup>oo</sup>, Nathalie Lazaric (speaker)<sup>o</sup>, Fabrice le Guel \* and Vanessa Oltra<sup>oo</sup>  
(<sup>o</sup> GREDEG (UMR CNRS 7321), University of Nice Sophia-Antipolis, <sup>oo</sup> GREThA (UMR CNRS 5113), University of Bordeaux, \* ADIS University of Paris 11, Sceaux France)
- *'Habitual Practice' and household energy consumption: opening the black-box through discussing people's relationship with their homes*  
Kevin Maréchal (speaker) and Laurence Holzemer  
(Centre for Economic and Social Studies on the Environment (CESSE), Université Libre de Bruxelles – Université d’Europe)

- *Initial Effects of a Community-Based Energy Saving Initiative: a Field Experiment*  
Nicholas Bardsley<sup>1</sup>, Milena Buchs, Patrick James, Papafragou Anastasios, Thomas Rushby, Graham Smith, Rebecca Wallbridge, Nicholas Woodman, (1: School of Agriculture Policy and Development, University of Reading Whiteknights campus, Reading Berkshire, UK)
- *Do community currencies enhance sustainable quality of life?*  
Mirijam Mock<sup>1</sup>, Daniela Fuchs<sup>1</sup>, Ines Omann<sup>1</sup>, Felix Rauschmayer<sup>2</sup>  
(1: Sustainable Europe Research Institute (SERI)  
Garnisongasse 7 / 21, 1090 Vienna - Austria  
2: Helmholtz Centre for Environmental Research (UFZ)  
Permoserstraße 15, 04318 Leipzig - Germany)

## **Special session: Sustainable Land Care**

Coordinator: Brynhildur Davíðsdóttir, Environment and Natural Resources; University of Iceland.

### **Rationale**

Humans depend on soils for many essential goods and services, and civilizations have risen and fallen with the status of their soil (See for example popular books like Collapse by Jared Diamond and Dirt by David Montgomery). Although not often recognized as important, soil is by itself a complex, dynamic ecosystem that sustains physical processes and chemical transformations that are vital to terrestrial life. The EU Soil Thematic Strategy (Commission of the European Communities, 2006) acknowledges this importance, linking it to soil functions, as does the Soil Strategy for England. Yet, sustainable land care with a focus on soils is largely absent from the discourse in ecological economics, resource economics as well as environmental economics. The relative silence of our community on this issue, is deafening in particular e.g. as societal costs due to degradation processes that threaten soil resources amount to £206-315 million per year in the UK alone (DEFRA, 2009, p. 11). This special session will focus on sustainable land-care, including accounting for soil ecosystem services and using the ecosystem services approach in the context of land management and sustainability indicators for the management of soils.

### **Program**

#### **Thursday June 20, 14:00 – 15:30, 1 (SUP Building), Sustainable Land Care, Organizer Brynhildur Davidsdottir**

- David Robinson et al., Centre for Ecology & Hydrology, Environment Centre Wales, Ecosystem Service Frameworks, Where Do Soils Fit In?
- Brynhildur Davidsdottir et al. University of Iceland, Indicators for soil sustainability.
- Estelle Dominati et al. AgResearch New Zealand, An ecosystem services approach to the evaluation of soil conservation policy in New Zealand hill country pastures.

# **Special session ESEE/RIODD - Finance and Sustainability : Financial Debt vs Ecological Debt**

Coordinator: Roland Perez, Montpellier Research Management.

## **Rationale**

Several important international meetings took place these last years, including those dedicated to global warming (Durban) and RIO + 20 and others focusing on the effect of the financial crisis on the Eurozone (G20 in Cannes, European summit in Brussels...). These events did not have a huge impact on either policy makers or the media and public opinion. Eco-systems and their disruption, particularly in terms of climate issues, have been the subject of discussion, and sometimes controversy, for years (Kyoto Protocol). But the financial crisis is happening right now, under our very eyes, and is developing/getting worse every month, every week. This means that it is high up in the hierarchy of emergencies and finding a solution must be made one of our top priorities. Presumably, however, it is appropriate to reflect together on these two types of crises, in order to provide coordinated responses.

Beyond the necessary analysis of events that led to the current crises, we must consider the so-called "exit" scenarios.

- The optimistic scenario is based on an implicit assumption of self-regulation: recognising the excesses, however painful it may be, and making adjustments.
- Conversely, it is likely that observable phenomena are the result of cumulative processes capable of triggering immeasurable consequences, within the meaning of the catastrophe theory. A pessimistic scenario can therefore not be excluded and has in fact become the most likely hypothesis for many analysts.
- Situated somewhere between these two scenarios, which leave humanity as the simple spectator of its own destiny, there must be another scenario, which is not just a compromise between the two but an entirely different scenario, based on rigorous analysis and collective desire. We can certainly study the possibility, without underestimating how difficult it would be to design and implement.

## **Program**

**Thursday 20<sup>th</sup>, June, 2013, 2:00 – 3:30 pm - Special session ESEE/RIODD - Finance and sustainability : financial debt vs ecological debt (Chairperson: Roland Perez, 303, SUP Building)**

- Carbon Finance or the price-value myth caught in the act of ineffectiveness - *Eric Fimbel E.,, CNAM - Catherine KARYOTIS, CNAM*
- Portfolio Management : Is there a difference between SRI and Conventional Investment ? - *Christophe Revelli, Euromed management*
- Neither Internal, Nor External: Understanding Corporate Governance Failures in the Financial Sector -*William Sun, Leeds Metropolitan University*
- The development of bio-agriculture in the Candidate Countries between challenges and opportunities. Results of a survey on the situation in Serbia - *Maura La Torre, Università degli Studi 'G. d'Annunzio' Chieti e Pescara, Università LUM Jean Monnet - Marija Nikolic, Università LUM Jean Monnet*

# **Special Session ESEE/RIODD : Corporate Social Responsibility, Environmental Innovation and Firm Performances**

Coordinator : Virgile Chassagnon, *ESDES School of Management - Catholic University of Lyon.*

## **Présentation**

Les enjeux environnementaux et les questions du changement climatique se sont affirmés sur la scène internationale au cours des dernières années comme en témoigne l'organisation d'un sommet spécifique à Copenhague en 2009. Derrière cette tendance manifeste de nos économies de marché modernes, il faut apprécier la possibilité de mêler au sein d'une même stratégie les impératifs économiques (pas ceux de l'optimisation des profits mais ceux de la performance productive) et les exigences éthico-écologiques. Au cœur de ce débat, l'on retrouve au premier chef les innovations environnementales, lesquelles visent, selon l'OCDE (2009), à réduire « le risque environnemental, la pollution et les autres aspects négatifs issus de l'utilisation des ressources ». Néanmoins, il n'y a pas de consensus dans la littérature quant aux facteurs explicatifs de l'innovation environnementale d'une part et quant à leur influence dans la stratégie industrielle des firmes d'autre part. Partant, cette session spéciale intitulée *Corporate Social Responsibility, Environmental Innovation and Firm Performance* ambitionne de susciter un débat autour des déterminants de l'innovation environnementale au regard notamment du rôle du leadership technologique et des pratiques de responsabilité sociale de l'entreprise dans la mise en œuvre des éco-innovations. Cette session spéciale s'inscrit pleinement dans l'esprit de la conférence au sens où elle s'intéresse au rôle joué par les dispositifs institutionnels et les comportements organisationnels dans le développement des innovations environnementales.

## **Rationale**

Environmental and climate change concerns have come to be ranked very highly on the of market economies over the last two decades, as demonstrated by the 2009 Copenhagen summit.

The opportunity to combine economic imperatives (not those related to profits maximization but rather to productive performances) and ethico-ecological requirements should be considered.

Environmental innovations, which are at the heart of this debate, are intended, according to the OECD (2009), to reduce "environmental risk, pollution and the other from negative aspects of the use of resources". However, there is no consensus in the literature regarding the factors that explain the production of environmental innovations on the one hand, and their influence on the industrial strategy of firms on the other hand.

Therefore, this special session entitled "Corporate Social Responsibility, Environmental Innovation and Firm Performance" aims to stimulate an academic debate around the determinants of environmental innovation; especially in light

of technological leadership and corporate social responsibility practices. This special session is fully in the spirit of the conference because its interest is to study the role played by institutions and organizational behaviors in the emergence and the growth of environmental innovations.

**Program: Thursday, June 20, 2013 - 16:00 - 17:30, Salle 3 (MACC's Building)**

1. Virgile Chassagnon & Naciba Haned (ESDES-UCLy; GATE): Environmental Innovation and Technological Leadership: A Firm-Level Empirical Analysis.
2. Christian Le Bas (U. Lyon 2; GATE) & Nicolas Poussing (CEPS/INSTEAD): Do Socially Responsible Firms Implement Green Innovations? An Empirical Study Based on Surveys.
3. Nabilia ARFAOUI (U. de Nice, GREDEG): Impact of the REACH regulation on innovation dynamics: The case of mattallurgical industry through a simulation model.
4. Danielle Galliano (INRA-AGIR), Simon Nadel (U. de Toulouse 1, LEREPS), Luis Orozco (U. de Toulouse 1, LEREPS): The intensity of the firm's eco-innovative performance.
5. Jacqueline Martinez Boysselle (Université de Montpellier 2, MRM): The role of culture in value perception of Corporate Social Responsibility communication in food purchasing decisions: the case of France and Mexico.

# **Special Session: Conceptualizing and Operationalizing the Policy Mix for Low Carbon Innovations**

Coordinators: Karoline S. Rogge<sup>12</sup> and Kristin Reichardt<sup>12</sup>

<sup>1</sup> Fraunhofer Institute for Systems and Innovation Research, Competence Center Energy Policy and Energy Markets, Karlsruhe, Germany

<sup>2</sup> ETH Zurich, Department of Management, Technology, and Economics, Chair of Sustainability & Technology, Zurich, Switzerland

## **Rationale**

Although of fundamental importance and interest to ecological economists, policy-makers, and society at large, a comprehensive and uniform conceptualization and operationalization of the term policy mix is lacking. Thus, this special session aims at providing a platform for presenting and discussing state-of-the-art research in conceptualizing and operationalizing the policy mix for low carbon innovations and sustainability transitions more generally. The session unites contributions addressing one or more of the following analytical levels: (a) single instruments and their design features, (b) the instrument mix and interactions among policy instruments, (c) the overarching policy mix and its policy strategy, (d) the processes of policy making and implementation of policy mixes. In addition, the session also includes new ideas on the widely differing usage of the terms consistency and coherence of policy mixes. Thus, the overarching aim of this session is to contribute to a more comprehensive conceptualization of the term policy mix, which can be applied in future empirical Ecological Economics studies. This special session is organized within the BMBF-funded research project GRETCHEN on the policy mix for renewables in Germany ([www.project-gretchen.de](http://www.project-gretchen.de)).

## **Program**

### **Special Session on Friday, June 21, 2013, 10:45 – 12:15, Salle 1, MACC's Building, Conceptualizing and operationalizing the policy mix for low carbon innovations, Chair: Karoline Rogge**

- K. Rogge, K. Reichardt (both Fraunhofer ISI, ETH Zurich): *Towards a comprehensive conceptualization of the policy mix: the case of renewable power generation technologies.*
- A. Mahzouni (Royal Institute of Technology, Stockholm; University of Freiburg): *The 'policy mix' for sustainable urban development: Lessons from the city district Hammarby Sjöstad in Stockholm.*
- B. Bahn-Walkowiak (Wuppertal Institute for Climate, Environment, Energy): *How to identify a successful policy mix for a resource-efficient Europe.*
- N. Kohlheb (Szent István University), J. Pump (Szent István University), G. Pataki (Corvinus University), B. Balázs (Szent István University), P. Jancsovszka-Puskás (Szent István University): *Environmental policy implementation as a legal battlefield: The changing role of street-level bureaucrats in Europe.*
- M. Howlett (Simon Fraser University, Burnaby; National University of Singapore), J. Rayner (University of Saskatchewan): *Re-Thinking Consistency and Coherence in Policy Design: Intentionality and Non-Intentionality in the Creation of Policy Mixes.*

# **Special Session: Macroeconomics of Degrowth: Indicators, Scenarios and Institutions**

Coordinator: Filka Sekulova, ICTA/UAB

## **Rationale**

Degrowth implies a multidimensional transformation with changes taking place at energy and resource consumption level, as well as in institutional and socio-political terms. In the framework of ecological economics the proposal is seen on the one hand as a necessary and inevitable transition to meeting planetary (bio)physical limits, and on the other by the impossibility of decoupling economic growth from environmental degradation and extraction of natural resources (Huetting 2008, Schneider et al 2011). The relevance of degrowth in the present economic downscale taking place in Europe is particularly high, considering that the one and only political tool currently fetched to resolve problems with unemployment and social security is economic growth.

Thus one of the questions which the special session will try to address is whether degrowth can provide an adequate response to the crisis and under which conditions. This relates to the stability-sustainability trade-off, where growth is thought of as stable and unsustainable, and degrowth as sustainable but unstable. The current session will challenge the existence of such trade-off and focus on the stability of economic degrowth. Having a macroeconomic outlook and undertaking relevant modeling attempts is a helpful and necessary first step. This means investigating scenarios and looking at physical parameters under which social, economic and environmental sustainability can be reached. This also implies identifying a range of indicators, both social and biophysical, and observing their historical, current and potential paths.

## **Program**

**Friday, June 21, 2013 - 10:45 - 12:15 - 208 (SUP Building) : (Chair: Filka Sekulova)**

1. *Sustainability transitions in the perspective of ecological macroeconomics*,  
Inge Røpke, Aalborg University Copenhagen.
2. *Transition to sustainability: Scenarios towards a low-carbon economy*,  
Bernardo and Simone D'Alessandro, Department of Economics, University of Pisa.
3. *How close are countries to a socially sustainable steady-state economy? Results from the Degrowth Accounts*, Dr Daniel W. O'Neill, Sustainability Research Institute, University of Leeds.
4. *The implications of a multi-dimensional degrowth for happiness*, Filka Sekulova, ICTA, Universitat Autonoma de Barcelona.

# **Special Session: Transdisciplinary Research – Challenges and Opportunities for a Social-Ecological Biodiversity Research**

Coordinators: Marion Mehring<sup>1,2</sup>, Alexandra Lux<sup>1,2</sup>

<sup>1</sup>Institute for Social-Ecological Research (ISOE), Hamburger Allee 45, 60486 Frankfurt am Main, Germany; [www.isoep.de](http://www.isoep.de)

<sup>2</sup> Biodiversity and Climate Research Centre (BiK-F), Senckenberganlage 25, 60325 Frankfurt am Main, Germany; [www.bik-f.de](http://www.bik-f.de)

## **Rationale**

Due to exploitation of natural resources, economic welfare increased – at the cost of an often irreversible loss in biodiversity and ecosystem services including unforeseeable consequences for society. Addressing current and coming societal challenges is the key to a successful social-ecological biodiversity research. This complexity is necessitating a transdisciplinary approach, which places societal and ecological dimensions at the very heart of research, action and policy. Introducing our conceptual model of transdisciplinarity, we seek to discuss this framework in the context of global biodiversity loss and its societal relevance. With this session we would like to call attention to the need of transdisciplinarity in the field of biodiversity research.

The aim of this special session is to bring together experts from different disciplines in order to reflect the multiple ways to implement transdisciplinarity in a social-ecological biodiversity research.

The session starts with an introductory talk (Lux et al.) followed by a presentation of a transdisciplinary research approach (Negrutiu et al.). Subsequently, a concept for knowledge integration will be introduced (Loft) and the session ends up with a transdisciplinary case study (Rode et al.).

**Keywords:** transdisciplinarity, social-ecological research, social-ecological system, biodiversity loss

## **Program**

**Friday, June 21, 2013 - 10:45 - 12:15, Salle 3 (MACC's Building), Special session - Transdisciplinary Research - Challenges and Opportunities for a Social-Ecological Biodiversity Research, (Chair: Marion Mehring, Alexandra Lux)**

- Lux, A.<sup>1,2</sup>, Mehring, M.<sup>1,2</sup>, Jahn, T.<sup>1,2</sup>, Bergmann, M.<sup>1,3</sup>, Keil, F.<sup>4</sup>: *Transdisciplinarity as a Research Practice to approach Biodiversity Loss – a Social-ecological Perspective*

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<sup>2</sup>Biodiversity and Climate Research Centre (BiK-F)  
Senckenberganlage 25, 60325 Frankfurt, Germany

<sup>3</sup>Leuphana University Lüneburg

Scharnhorststr. 1, 21335 Lüneburg  
⁴keep it balanced (kib)  
Reichenberger Str. 91 10999 Berlin

- Negrutiu, I.<sup>1</sup>, Bassino J.-P.<sup>1</sup>, Fernandez E.<sup>2</sup>, Malwe C.<sup>2</sup>, Lutter S.<sup>3</sup>, Salles J.-M.<sup>4</sup>, Collart D. F.<sup>5</sup>, Merchez L.<sup>6</sup>:  
*Reframing resources and public goods: an integrative research strategy for resource security at regional scale*  
<sup>1</sup>Ecole Normale Supérieure de Lyon  
Plant Development and Reproduction  
Allée d'Italie 46, 69364 Lyon Cedex07, France  
<sup>2</sup>Collegium de Lyon,  
Ecole Normale Supérieure de Lyon  
Allée d'Italie 46, 69364 Lyon Cedex07, France  
<sup>3</sup>Sustainable Europe Research Institute (SERI)  
Garnisongasse 7/17, A-1090 Wien, Austria  
<sup>4</sup>LAMETA (UMR)  
SupAgro IN Montpellier 2, place Viala - F34060 Montpellier cedex 2, France  
<sup>5</sup>Lascaux Program  
Université de Nantes, Faculté de droit et des sciences politiques, France  
<sup>6</sup>Environnement Ville Société (EVS)  
ENS Lyon, 15, parvis René Descartes, 69342 Lyon, France
- Loft, L.:  
*Ecosystem Services as an interdisciplinary research framework*  
Biodiversity and Climate Research Centre (BiK-F)  
Senckenberganlage 25, 60325 Frankfurt, Germany
- Rode, J.<sup>1</sup>, Emerton, L.<sup>2</sup>, Wittmer, H.<sup>1</sup>:  
*Integrated assessment of economic tools for conservation management: A transdisciplinary research approach?*  
<sup>1</sup>Helmholtz Centre for Environmental Research GmbH - UFZ  
Permoserstraße 15, 04318 Leipzig, Germany  
<sup>2</sup>Environment Management Group, Sri Lanka

# **Special Session - Environmental Justice struggles at the commodity frontiers**

**Coordinators:** Beatriz Rodríguez-Labajos<sup>1</sup>, Mariana Walter<sup>1</sup> and Joan Martínez-Alier<sup>1</sup>

<sup>1</sup>Institute of Environmental Science and Technology, Autonomous University of Barcelona, 08193 Bellaterra (Cerdanyola del Vallès), Spain; corresponding: beatriz.rodriguez@uab.cat

## **Rationale**

In the last four decades, the domestic material consumption has more than quadrupled in the Asian-Pacific region, while in the rest of the world it has increased only by about 50%. There is evidence of a sharp increase in the intensity of resource in the global south. Some studies have also discussed the relations between these extraction trends and the occurrence of socio-environmental conflicts.

The need of fresh supplies is pushing the extraction frontier in old and new ways, in old and new places. The incorporation of these new sources of profit frontiers into the global markets is actively resisted by local communities and organisations. Social movements are reacting with new strategies and tools, giving response to the increasing number of communities that searching for information, and support for enhanced recognition.

This special session addresses these environmental justice struggles that oppose the expansion of the extraction frontier in their territories. With regional and worldwide examples we analyse different strategies deployed by movements and communities in order to be recognized. Many of the contributions were developed in a collaborative research framework.

## **Program**

**Friday 21 June, 10:45 – 12:15, Salle 2, MACC's Building, Special session “Environmental Justice struggles at the commodity frontiers” (Chair : Beatriz Rodríguez-Labajos)**

- Towards a better understanding of environmental conflicts in Turkey: A mapping exercise, Begum Ozkaynak, Pınar Ertor-Akyazı, Irmak Ertor, Cem İskender Aydin
- Social metabolism and Resource extraction conflicts in Madagascar, Madagascar, Vahinala Raharinirina, Joan Martínez-Alier, Jean-Marc Douguet
- Ecological debt through the eyes of social metabolism: the impact of a regional economy on the global environment, Eneko Garmendia, Leire Urkidi, Iñaki Arto, Inaki Barcena, Roberto Bermejo, David Hoyos, Rosa Lago, Martin Mantxo
- The Political Effects of a Depoliticizing! Mission ? Hydropower and Environmental Conflict in Sikkim, Northeast India, Amelie Huber

# **Special Session ESEE/RIODD - Corporate Social Responsibility in the South: Institutional Dynamics and Specificities**

Coordinators: Bruno Boidin, Benoit Lallau

## **Rationale**

Cette session part du constat de l'insuffisance en nombre et en qualité des études sur la RSE appliquées aux pays du Sud. Au sein des études existantes on trouve souvent des travaux monographiques peu comparatifs, des expertises peu critiques sur la notion de RSE et les pratiques observées ou encore des travaux institutionnels (Banque mondiale, ONU, etc.) qui se contentent d'appliquer une grille de lecture standardisée de la RSE dans un ensemble plus large de notions portées par les bailleurs de fonds (gouvernance, partenariats multipartites, etc.) et largement déconnectés des pratiques et des conceptions locales.

Cette session vise à questionner la notion de RSE au regard des terrains du Sud. L'origine occidentale de la notion de RSE situe celle-ci dans des cadres politico-institutionnels propres aux pays riches. L'émergence et, dans certains cas, la forte croissance des pratiques se revendiquant de la RSE dans les pays du Sud pose la question de la relativité ou de l'universalité de cette notion. Les terrains étudiés permettront de mieux comprendre l'influence réciproque entre le cadre institutionnel et la RSE, dans une perspective dynamique. Les communications présentées visent également à contribuer à une typologie des pratiques de RSE en fonction de la nature de l'Etat et des acteurs publics. L'aspect dynamique et évolutif des pratiques de RSE et des cadres institutionnels dans lesquels ces pratiques émergent fera l'objet d'une attention particulière.

## **Program**

**Friday June 21st, 2013, 10 :45 – 12 :15, 8 (Sup Building), Special session ESEE/RIODD - Corporate social responsibility in the South : institutional dynamics and specificities (Chair: Bruno Boidin).**

- Is corporate social responsibility compatible with institutional designs of Southern countries ? The case of Senegal *Bruno Boidin, Centre lillois d'études et de recherches sociologiques et économiques*
- Sustainable corporate strategies: bridging the gap between the triple bottom line and value-based management *Annelise Caridade, Universidade de São Paulo*
- Can Corporate Social Responsibility smooth the transition of the labour regime in the Chinese industry? *Clément Séhier, Centre Lillois d'Etudes et de Recherches Sociologiques et Economiques*

# **Special Session: Transborder Water Resources Governance and Riparian Areas: Theories, Methods and Applications**

Coordinator: Olivier Petit, CLERSE/Université d'Artois.

## **Rationale**

Natural ecological boundaries rarely coincide with international political borders. Political borders traverse ecosystems and cross watersheds. Many species of mammals, reptiles, birds, and insects regularly migrate across international borders and neighboring countries often share ecosystems and watersheds. When species and water flow across borders, the ecosystem services provided to humans also flow across borders – consequently, neighboring countries may share ecosystem services. The well-being of society depends on the sustainable management of services provided by ecosystems. When countries share ecosystem services, the management of the services is divided – drivers of ecosystem change in one country may affect the delivery and quality of ecosystem services in another country.

This special session addresses the identification of Transboundary Ecosystem Services along Riparian areas. We use the notion of International regime, defined as "*implicit or explicit principles, norms, rules, and decision-making procedures around which actors' expectations converge in a given area of international relations*" (Krasner, 1983: 1).to understand how Transboundary Ecosystem Services along delivered by Riparian areas could help to build or strengthen International Regimes along river basins.

## **Program**

### **Friday June 21st, 10h45-12h15, Special session - Transborder Water Resources Governance and Riparian Areas: Theories, Methods and Applications (Chairperson: Olivier Petit, 1, SUP Building)**

- International environmental regimes Critical analysis and avenues for future researches - *Olivier Petit, Centre lillois d'études et de recherches sociologiques et économiques*
- An International Water Regime? The case of the river Scheldt - *Carmen Maganda, Laboratoire de sciences politiques - Muriel Maillefert, Clersé - Olivier Petit, Centre lillois d'études et de recherches sociologiques et économiques - Gael Plumecocq, Institut National de la Recherche Agronomique*
- Transboundary Ecosystem Services identification and assessment : Preliminary results of field studies on the Scheldt (France, Belgium, The Netherlands) - *Muriel Maillefert, Clersé - Olivier Petit, Centre lillois d'études et de recherches sociologiques et économiques - Jeroen Warner, Wageningen university*
- Trans-boundary Spatial Subsidies in Ecosystem Services: Bi-Natoinal Incentive Mechanisms for the Colorado River Delta - *Ruscena Wiederholt, University of Arizona*

# **Special Session: Market-based instruments, biodiversity values and institutional dynamics:**

## **How to compensate for the loss of nature?**

### **Lessons from theory to practical applications**

Coordinators: Coralie Calvet<sup>1</sup>, Harold Levrel<sup>2</sup> and Laura Centemeri<sup>3</sup>

<sup>1</sup> National Institute for Agronomic Research, INRA UR767 Ecodeveloppement, Site Agroparc, CS 40509, F-84914 Avignon, France.

<sup>2</sup> French Research Institute for Exploitation of the Sea (IFREMER), UMR AMURE, Marine Economics Unit, ZI Pointe du Diable, CS 10070, F-29280 Plouzané, France.

<sup>3</sup> Laboratoire méditerranéen de sociologie (LAMES) CNRS : UMR7305Université de Provence - Aix-Marseille I LAMES - M.M.S.H. 5 Rue du Château de l'Horloge - BP BP647 13094 AIX EN PROVENCE CEDEX 2

#### **Rationale**

In this session, we propose to investigate the relevance of current institutional and economic schemes of biodiversity offsetting, a highly debated instrument increasingly adopted by many European countries. The key issue of this session is to offer and discuss multiple viewpoints from timely and high profile research on this topic. Indeed, the efficiency of market-based instruments to preserve biodiversity in Europe has been recently challenged by several scientific fields. In this session, we will explicitly adopt a multidisciplinary approach by confronting theoretical and empirical researches from economy, sociology and ecology with a particular focus on issues of biodiversity assessment and values. We anticipate the session to show and propose new looks and prospects for the important and current mismatch between the obvious need of better monitoring, management, and clear institutional framing of biodiversity offsetting and the rapid and blind increase of this tool in several institutions and countries. We will propose first to explore critical technical challenges that must be solved to guide the best implementation of biodiversity offsetting and its governance. Then, beyond these methodological aspects, this session will propose to discuss ethical values underpinned by the use of offsetting mechanisms.

#### **Program**

**Friday, June 21, 2013, 10:45 – 12:15, 303 (SUP Building), Market-based instruments, biodiversity values and institutional dynamics: How to compensate for the loss of nature? Lessons from theory to practical applications, Coralie Calvet, Harold Levrel and Laura Centemeri**

Contribution 1: An economic perspective on biodiversity offsetting: meaning and limits of the biobanking mechanism. Speaker: Calvet C.

**Calvet C.** (French National Institute for Agronomic Research, INRA UR767 Ecodeveloppement, Avignon, France)

**Napoleone C.** (French National Institute for Agronomic Research, INRA UR767 Ecodeveloppement, Avignon, France)

**Salles JM.** (UMR LAMETA, Laboratory of Theoretical and Applied Economics, Montpellier, France)

**Levrel H.** (French Research Institute for Exploitation of the Sea (IFREMER), UMR AMURE, Marine Economics Unit, Plouzané, France)

Contribution 2: Achieving no net loss? Biodiversity offsets and habitat banking in France. Speaker: Quétier F.

**Quétier F.** (Biotope 22 Boulevard Maréchal Foch BP58 34140 Mèze)

**Calvet C.** (French National Institute for Agronomic Research, INRA UR767 Ecodeveloppement, Avignon, France)

**Regnery B.**

**Levrel H.** (French Research Institute for Exploitation of the Sea (IFREMER), UMR AMURE, Marine Economics Unit, Plouzané, France)

**Napoleone C.** (French National Institute for Agronomic Research, INRA UR767 Ecodeveloppement, Avignon, France)

**Wunder S.**

Contribution 3: Environmental compensations and the problem of Constitutive incommensurability?: a sociological analysis. Speaker: Centemeri L.

**Centemeri L.** (Laboratoire méditerranéen de sociologie (LAMES) CNRS : UMR7305Université de Provence - Aix-Marseille I LAMES, Aix en Provence, France)

Contribution 4: Mitigation banking for permitted losses of aquatic ecosystems in Florida, USA. A Strategic and institutional analysis. Speaker: Vaissière A.C.

**Vaissière A.C.** (French Research Institute for Exploitation of the Sea (IFREMER), UMR AMURE, Marine Economics Unit, Plouzané, France)

**Levrel H.** (French Research Institute for Exploitation of the Sea (IFREMER), UMR AMURE, Marine Economics Unit, Plouzané, France)

Contribution 5: Markets or Payments? Towards a better discrimination between institutional arrangements for biodiversity compensation. Speaker: Lapeyre R.

**Lapeyre R.** Institut du Développement Durable et des Relations Internationales (IDDRI) Institut du Développement Durable et des Relations Internationales 41 Rue du Four, 75006 Paris

# **Special session: Delivering Sustainability Transitions: Overcoming Energy and Resource Constraints**

Coordinators: Julia Steinberger & Timothy J. Foxon, *Sustainability Research Institute, University of Leeds*

## **Rationale**

This session will address energy and resource constraints to the economics of sustainability transitions, and how these might be overcome. The session will draw from ecological economics research on both socio-ecological and socio-technical transitions, arguing that these provide complementary perspectives, but that they have so far paid relatively little attention to the interactions between energy and resource constraints and the development of sustainable economies based on low carbon technologies and infrastructures. Both these research traditions emphasise the roles of institutions, actors and networks in stimulating transitions and the need to maintain the resilience of natural systems and social systems, whilst overcoming the lock-in of unsustainable socio-technical systems. However, work on social metabolism has shown that the energy and material use of current industrial economies, reliant on fossil fuels, represents a step change from that of previous agrarian societies (Haberl et al., 2011). Thus, an equitable transition to a sustainable society needs to consider the energy and resource constraints that may hinder investment in energy efficient and low carbon technologies and infrastructures. These constraints could include the relatively low energy densities of many renewable energy technologies, the competition for land between food and biofuel resources, critical material constraints for key renewable technologies, such as wind and solar PV, and impacts on ecosystem services. We anticipate that these physical constraints will have knock-on impacts on economic growth, since growth depends on expanding resource access and technical improvements in efficiency (Ayres et al. 2007). A better understanding of these constraints can inform debates on the need to reduce consumption levels and re-think economic growth for a sustainability transition.

## **Program**

**Friday 21 June, 2013, 1:15-2:45 pm, 1, SUP Building, Special session:  
Delivering Sustainability Transitions: Overcoming Energy and Resource  
Constraints (Chairpersons: Julia Steinberger & Timothy J. Foxon)**

- Energy and efficiency as sources for economic growth: a co-evolutionary perspective - *Timothy Foxon, Sustainability Research Institute, University of Leeds* - *Julia Steinberger, Sustainability Research Institute, University of Leeds*
- Development and dematerialization: an analysis of time-series trends across countries - *Julia Steinberger, University of Leeds, Alpen Adria University*

- Whole system perspectives of energy technologies: combining life-cycle analysis modelling with ecosystem service approaches - *Kate Scott, School of Earth and Environment [Leeds]*
- Economic growth versus material use – is there an actual decoupling? Re-estimating the global material intensity for 1900-2009 - *Panos Kalimeris, Panteion University*
- Assessing the critical material constraints on low carbon infrastructure transitions - *Katy Roelich, School of Earth and Environment [Leeds], Institute of Resilient Infrastructure*

# **Special Session: A Glace at the Epistemic Sharing of Ecological Economics: Bibliometric Analyses of the Scientific Publications**

Coordinator: Gaël Plumecocq<sup>1</sup>

<sup>1</sup>French National Institute for Agricultural Research (INRA), UMR AGIR

## **Rationale**

As a normative field, ecological economics has always been reflexive, calling itself into question. This special session aims at providing analytical updated elements of thinking, contributing to debates on where ecological economics should be headed. These elements lean on empirical studies of the articles published in the journal Ecological Economics. For this purpose, the papers presented in this special session mainly address two key issues that are of relevance for ecological economics: first, they analyze the structure of the network of the research community; second, they extensively analyze the content of the articles published in Ecological Economics. They do so by using qualitative methods that, so far, have been left aside in the field.

## **Program**

### **Friday, June 21, 2013 - 13:15 - 14:45, Salle 1 (MACC's Building), "A Glace at the Epistemic Sharing of Ecological Economics: Bibliometric Analyses of the Scientific Publications", Gaël Plumecocq**

- Capari Leo (University of Vienna Department of Anthropology Human Ecology Research - Group), Wilfing Harald (University of Vienna Department of Anthropology Human Ecology Research - Group), "Analysing the Patterns of collaboration in "Ecological Economics" by Means of Social Network Analysis (SNA)".
- Rachel Levy (University of Toulouse Capitole, LEREPS), Gaël Plumecocq (INRA – UMR AGIR), "Ecological economics: transdisciplinarity in question. A social network analysis of co-publications".
- Ulrike Bechtold (Institute of Technology Assessment, Austrian Academy of Sciences), Leo Capari (University of Vienna Department of Anthropology Human Ecology Research - Group), Karen Kastenhofer (Institute of Technology Assessment, Austrian Academy of Sciences), Harald Wilfing (University of Vienna Department of Anthropology Human Ecology Research - Group), "Ecological economics and the role of participation within Ecological Economics ? a comparison via network analysis of keywords".
- Gaël Plumecocq (INRA – UMR AGIR), "The second generation of Ecological Economics: how far has the apple fallen from the tree?".

# **Special Session: Building Coherent Degrowth Proposals**

Coordinators: Francois Schneider, Research & Degrowth, ICTA/UAB, Filka Sekulova, Reserch & Degrowth, ICTA/UAB, Nuno Videira, Center for Environmental and Sustainability Research, Universidade Nova de Lisboa

## **Rationale**

Facing environmental, social and economic crises that both supplement and invoke each other, one often comes across the belief in a single solution or in a mono-narrative. In the context of degrowth and against the idea of the reductionist "silver bullet" we propose the idea of collaboratively discussed and continuously evolving "bullet points". The intention to work on concrete proposals comes from the proliferation of general concepts describing the needed societal changes, be it 'transition', 'paradigm shift', 'decolonization of the imaginary', revolution, anti-capitalism, which often seem too general to produce concrete actions on the ground. This session is based on the idea that a metamorphosis can only come about when people are ready to debate a new complex reality in concrete terms, which challenge what is now impossible to challenge: the present reality and its (infra)structures.

This session offer a reflection on the relevance and coherence of the research (and policy) proposals positioned in the field of degrowth, in a way which allows for direct feedback and discussion. The workshop will start with an overview of the so-called "degrowth bullet points". These represent a set of ideas and research proposals in a number of thematic areas, which have been collaboratively developed and debated over various scientific conferences. Next, several system maps will be presented showing the feedbacks and points of mutual enforcement between the degrowth proposals, followed by a short time slot for reactions. Finally, space will be dedicated to amending the proposals in their inter-connectedness, spotting omissions and offering concrete ideas for improvements. We will also reflect on the process through which research can feed into updating and evolving the "bullet points" and discuss which is the most appropriate institutional and democratic framework for this process.

## **Program**

**Friday, June 21, 2013 - 13:15 - 14:45, Salle 2 (MACC's Building) (Chair: Filka Sekulova)**

1. Presentation of the latest version of the bullet points, Francois Schneider (5-10 mins)
2. Bullet-points system maps and feedbacks, Nuno Videira (15 mins)
3. General debate on the relevance of the bullet points and missing items. Interventions by discussants (10 mins).
4. Work in small groups on the combinations between the proposals along two of the eight degrowth dimensions, [1][2] (30 mins).

5. Presentations of group work and debate on the most appropriate process to follow. (20 mins)

- [1] <http://barcelona.degrowth.org>
- [2] <http://www.degrowth.org/dimensions>

Advisory committee:

Joan Martinez-Alier, Professor ICTA/UAB

Simone D'Alessandro, Assistant Professor at the Department of Economics - University of Pisa

Nadia Johannisova, Faculty of Social Studies, Masaryk University, Brno

Claudio Cattaneo, ICTA/Universitat Autonoma de Barcelona

Sylvia Lorek, SERI Germany.

# **Special session: Biodiversity Within the Green Economy**

Coordinator: Alexandros Gasparatos, Biodiversity Institute, Oxford University

## **Rationale**

Biological diversity plays a key role for ecosystem functioning and the provision of ecosystem goods and services that are important to human wellbeing. Lately the concept of a "Green Economy" has gathered momentum and was a major theme of the 2012 United Nations Conference on Sustainable Development (Rio+20). The preservation of ecosystem services and the halt of biodiversity loss are identified as key pillars of the green economy.

Yet, there is still no clear understanding of how biodiversity fits within a green economy. In the current green economy debate biodiversity's role is rarely acknowledged for economic sectors other than agriculture, forestry, fisheries and tourism. Furthermore when this happens, biodiversity features more as a buzzword than as a concrete and tangible component of the green economy. Even though, the importance of biodiversity to human wellbeing was re-affirmed during Rio+20, there are several unresolved and interrelated questions at the interface of green economy and biodiversity.

We have identified four overarching knowledge gaps that need to be understood if biodiversity is to be used more than a buzzword within the green economy debate.

1. Understand biodiversity's role in all sectors with green-economic potential
2. Promote biodiversity conservation beyond protected areas
3. Develop appropriate tools for the private sector
4. Transform biodiversity governance

This special session will provide a forum for the discussion of these four important knowledge gaps at the interface of biodiversity and the green economy. The session is expected to provide insights that can shed more light on this emerging topic. The theme of this session is of great contemporary significance as it has featured in the agenda of major international policy processes (Rio+20, CBD) and is already trickling down to national policies.

## **Program**

**Friday, June 21, 2013 - 13:15 - 14:45, Salle 3 (MACC's Building), Special session : Biodiversity within the green economy (Chair: Alexandros Gasparatos)**

- *Biodiversity within the green economy: Identifying current knowledge gaps*, A. Gasparatos [et al.]
- *From bioprospecting to payment for ecosystem services: market and conservation in the economy of promises*, V. Boisvert [et al.]
- *Uncovering the hidden trade-offs of biodiversity in the Green Economy*, C. Doll [et al.]
- *Entrepreneurial attitudes and organizational costs in the supply of biomasses energy*, G. Martino [et al.]

# **DETAILED PROGRAM**

## Tuesday, June 18, 2013

TIME	EVENT
<b>3:00 pm -6:00 pm</b>	<b>Installation of the Conference welcome Desk (Main Hall, Conseil Régional Nord-Pas-de-Calais, Lille) - The welcome desk of the conference will be opened during all the afternoon to welcome delegates and allow them to pick their badges, conference bags and conference materials.</b>
<b>6:00 pm -6:10 pm</b>	<b>Welcome address (Hémicycle - Conseil Régional Nord-Pas-de-Calais, Lille) - Sandrine Rousseau, Vice-President of the Nord-Pas-de-Calais Regional Council, in charge of Higher Education and. Research</b>
<b>6:10 pm -6:20 pm</b>	<b>Welcome address (Hémicycle - Conseil Régional Nord-Pas-de-Calais, Lille) - Philippe Rollet, President of the Université Lille 1</b>
<b>6:20 pm -6:25 pm</b>	<b>Welcome address (Hémicycle - Conseil Régional Nord-Pas-de-Calais, Lille) - Irene Ring, ESEE President</b>
<b>6:25 pm -6:30 pm</b>	<b>Welcome address (Hémicycle - Conseil Régional Nord-Pas-de-Calais, Lille) - Michel Capron, RIODD President</b>
<b>6:30 pm -7:30 pm</b>	<b>Opening Plenary (Chair: Irene Ring) (Hémicycle - Conseil Régional Nord-Pas-de-Calais, Lille)</b>
18:30 - 19:30	> <a href="#"><u>Institutions and Institutionalism: Crafting a Coherent Science of Environmental Policy</u></a> - Daniel W. Bromley, University of Wisconsin
<b>7:30 pm -9:30 pm</b>	<b>Opening cocktail (Sponsored by the Journal <i>Environmental Policy and Governance</i> and Wiley, Salons de réception, Conseil Régional Nord-Pas-de-Calais, Lille)</b>



## Wednesday, June 19, 2013

TIME	EVENT								
<b>9:00 am -10:30 am</b>	<p style="text-align: center;"><b>Plenary Session 1: Environment-Society Relationships : Changing Behaviour or Changing Values ? (Chairperson: Begüm Özkaynak, Auditorium, MACC's Building)</b></p> <table border="0"> <tr> <td style="vertical-align: top; padding-right: 10px;">09:00 - 09:45</td><td>&gt; <a href="#">The emancipation and autonomy of humanity: Are they always liberating utopia? - Michel Capron, Institut de Recherche en Gestion</a></td></tr> <tr> <td style="vertical-align: top; padding-right: 10px;">09:45 - 10:30</td><td>&gt; <a href="#">Environmental policy-making and behaviour change: Financial incentives, 'nudge' or citizenship? - Andrew Dobson, Keele University</a></td></tr> </table>	09:00 - 09:45	> <a href="#">The emancipation and autonomy of humanity: Are they always liberating utopia? - Michel Capron, Institut de Recherche en Gestion</a>	09:45 - 10:30	> <a href="#">Environmental policy-making and behaviour change: Financial incentives, 'nudge' or citizenship? - Andrew Dobson, Keele University</a>				
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<b>10:30 am -11:00 am</b>	<p style="text-align: center;"><b>Coffee break</b></p>								
<b>11:00 am -12:30 pm</b>	<p style="text-align: center;"><b>Session spéciale ESEE/RIODD : Le développement durable est-il soluble dans l'histoire? (Présidence: Béatrice Touchelay, Salle 4, MACC's Building)</b></p> <table border="0"> <tr> <td style="vertical-align: top; padding-right: 10px;">11:05 - 11:25</td><td>&gt; <a href="#">Le développement durable est il soluble dans l'histoire? - Beatrice Touchelay, Institut de Recherches Historiques du Septentrion</a> </td></tr> <tr> <td style="vertical-align: top; padding-right: 10px;">11:25 - 11:45</td><td>&gt; <a href="#">Prédation versus préservation et conservation. Les paradoxes et possibilités d'action des managers américains à l'heure de l'industrialisation (1890-1932) - Clotilde Druelle Korn, Faculté des Lettres et Sciences Humaines</a> </td></tr> <tr> <td style="vertical-align: top; padding-right: 10px;">11:45 - 12:05</td><td>&gt; <a href="#">L'exploitation houillère : un développement insoutenable ? - Nicolas Care, Université Lille 3</a> </td></tr> <tr> <td style="vertical-align: top; padding-right: 10px;">12:05 - 12:25</td><td>&gt; <a href="#">La Compagnie du chemin de fer du Nord : entre prise de conscience environnementale et obligations légales - Sébastien Dobrowolski</a> </td></tr> </table>	11:05 - 11:25	> <a href="#">Le développement durable est il soluble dans l'histoire? - Beatrice Touchelay, Institut de Recherches Historiques du Septentrion</a> 	11:25 - 11:45	> <a href="#">Prédation versus préservation et conservation. Les paradoxes et possibilités d'action des managers américains à l'heure de l'industrialisation (1890-1932) - Clotilde Druelle Korn, Faculté des Lettres et Sciences Humaines</a> 	11:45 - 12:05	> <a href="#">L'exploitation houillère : un développement insoutenable ? - Nicolas Care, Université Lille 3</a> 	12:05 - 12:25	> <a href="#">La Compagnie du chemin de fer du Nord : entre prise de conscience environnementale et obligations légales - Sébastien Dobrowolski</a> 
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11:30 - 11:45	> <a href="#">Agri-environmental measures and sustainability? GIS based institutional analyses of agri-environmental measures for protected areas in Slovenia</a> - Andrej Udovc, Univerza v Ljubljani
11:45 - 12:00	> <a href="#">Local or Global Commons? Application of Framework for Analysing SES for Soil Biodiversity at EU Level</a> - Tatiana Kluvankova-Oravska, Faculty of Management, Institute of Forest Ecology, SAS, Centre for Transdisciplinary Studies of Institutions, Evolution and Policies
12:00 - 12:15	> <a href="#">Institutional Dynamics and Adaptive Governance towards maintaining Socio-Ecological Resilience (A case study from Shiretoko, Japan)</a> - Mari Shioya, Slovak Technical University/United Nation Development Programme 
<b>11:00 am -12:30 pm</b>	<b>Special session - Heterodox Notions of Natural Value in Local Environmental Planning and Decision-Making (Chairperson: Roelof Plant, 8, SUP Building)</b>
11:00 - 11:15	> <a href="#">'New Beliefs, New Values' – Embedding a Heterodox Interpretation of the Ecosystem Services Concept in Local Environmental Planning and Decision-Making</a> - Roel Plant, Institute for Sustainable Futures, University of Technology, Sydney
11:15 - 11:30	> <a href="#">What knowledge needs for practical implementation of ecosystem services at the local level?</a> - Mark Snethlage, Lawrence Jones-Walters, European Centre for Nature Conservation
11:30 - 11:45	> <a href="#">Economic incentives and motivation crowding in biodiversity conservation</a> - Julian Rode, Helmholtz Centre for Environmental Research
11:45 - 12:00	> <a href="#">Alternative Arguments for the Protection of Biodiversity</a> - Leon Braat, Alterra
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Insights on climate change adaptation (Chairperson: Richard B. Howarth, Auditorium, MACC's Building)</b>
11:00 - 11:20	> <a href="#">Institutional (Climate) Change - Exploring climate adaptation through institutional analysis</a> - Matteo Roggero, Humboldt Universität zu Berlin - Environmental Governance
11:20 - 11:40	> <a href="#">Vulnerability and Adaptation of Urban Areas to Global Changes: A Systemic Interdisciplinary Approach to Understand Cities Trajectories Towards Resilience</a> - Béatrice Quenault, Université Rennes 2 
11:40 - 12:00	> <a href="#">Climate governance in embedded cities: between mitigation and adaptation</a> - Corinna Altenburg, Potsdam Institute for Climate Impact Research
12:00 - 12:20	> <a href="#">Identifying Drivers of Household Coping Strategies to Multiple Climatic Hazards in Western Uganda: Implications for Adapting to Future Climate Change</a> - Rachel Berman, Sustainability Research Institute, School of Earth and Environment, University of Leeds
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Social Ecological Transition 1 (Chairperson: Marina Fischer-Kowalski, Salle 2, MACC's Building)</b>
11:00 - 11:20	> <a href="#">Slow Management and Accounting for a Socio-Ecological Transition</a> - Roxana Bobulescu, Grenoble Ecole de Management - Claudio Vitari, Grenoble Ecole de Management - Nhu Tu-Yen LE, Grenoble Ecole de Management - Marjolijn Bloemmen, CFPPA 
11:20 - 11:40	> <a href="#">Green economy: a regress in ecological economics?</a> - Valérie Boisvert, Institut de Géographie et Durabilité

TIME	EVENT
11:40 - 12:00	> <a href="#">Green growth or low growth: Modelling the balanced transition to a sustainable economy</a> - Isabelle Cassiers, Institut de recherches économiques et sociales, Université catholique de Louvain - Georges Bastin, Department of Mathematical Engineering, Université catholique de Louvain 
12:00 - 12:20	> <a href="#">Degrowth "à la française" : A Lacano-marxist reading of Serge Latouche's proposals</a> - Ozgur Gun, REGARDS, Université de Reims Champagne Ardenne - Franck-Dominique Vivien, REGARDS, Université de Reims Champagne Ardenne
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session : New indicators of wealth and sustainability (Chairperson: Florence Jany-Catrice, Salle 3, MACC's Building)</b>
11:00 - 11:20	> <a href="#">"Beyond GDP": Revealing Hidden Disparities of Stances to Make the Debate Possible</a> - Géraldine Thiry, Université Libre de Bruxelles; Léa Sébastien, University of Toulouse II -
11:20 - 11:40	> <a href="#">Applying the Happy Planet Index to the household level – a crossnational comparison on the relationship between energy consumption and life satisfaction in Munich and Bolzano</a> - Johannes Schubert, Ludwig Maximilian University of Munich, Department of Sociology - Bernhard Gill, Ludwig Maximilian University of Munich, Department of Sociology
11:40 - 12:00	> <a href="#">Are people that are living a more sustainable life more satisfied?</a> - Brent Bleyls, Ghent University College
12:00 - 12:20	> <a href="#">Assessing Sustainability Indicators: The Need for a Criterion of "Performative Coherence"</a> - Géraldine Thiry, Université Libre de Bruxelles
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Ecosystem Services: Foundations, Perceptions and Applications (Chairperson: Harold Levrel, 301, SUP Building)</b>
11:00 - 11:20	> <a href="#">Can we better understand land-use conflicts by linking ecosystem services trade-offs with stakeholders and scales?</a> - Eszter Kovács, Environmental Social Science Research Group, St. István University
11:20 - 11:40	> <a href="#">Conflicts on River Flows - Who Captures the Highest Share of the Ecosystem Services?</a> - Dídac Jordà-Capdevila, Autonomous University of Barcelona - Institute of Environmental Science and Technology 
11:40 - 12:00	> <a href="#">Spatial dimensions of ecosystems and their services in Central European cultural landscapes</a> - Christian Schleifer, Berlin Brandenburg Academy of Sciences 
12:00 - 12:20	> <a href="#">Stakeholders representations of biodiversity and eco-system services. A critical view.</a> - Céline Merlin-Brogniart, Centre Iillois d'études et de recherches sociologiques et économiques - Muriel Maillefert, Clercé
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Water Resources Management 1 (Chairperson: Iratxe Calvo-Mendieta, 208, SUP Building)</b>
11:00 - 11:20	> <a href="#">Water No Get Enemy. How Could Water Security Shape Sustainable Water Governance?</a> - Thomas Bolognesi, Economie du développement durable et de l'énergie - Arnaud Buchs, Economie du développement durable et de l'énergie - Yvan Renou, Centre de recherche en économie de Grenoble
11:20 - 11:40	> <a href="#">Adding realism in river basin management planning – a practical tool for costing diffuse phosphorus loading reduction in Finnish catchments</a> - Tero Hjerpe, Finnish Environment Institute 
11:40 - 12:00	> <a href="#">A network perspective on agricultural watershed governance. The case of the Local Agri-Environmental Schemes (LAES) in France.</a> - Annyssa Andriambelona, UMR Métafort 

TIME	EVENT
12:00 - 12:20	> <a href="#">Understanding policy-driven collective action to address challenges of European water management</a> - Laurence Amblard, UMR Métafort 
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Environmental and Ecological Macroeconomics (Chairperson: Inge Røpke, 303, SUP Building)</b>
11:00 - 11:20	> <a href="#">Macro-economic rebound estimation using Granger causality tests</a> - Blake Alcott, PhD candidate, University of East Anglia - Tyler Marangi, independent researcher 
11:20 - 11:40	> <a href="#">Determinants of environmental institutions: The role of socio-economic models</a> - Luc Elie, Groupe de Recherche en Economie Théorique et Appliquée
11:40 - 12:00	> <a href="#">What can we learn from the classical economists for the development of ecological macroeconomics?</a> - Elke Pürgmaier, Vienna University of Economics and Business, Institute for the Environment and Regional Development, Sustainable Europe Research Institute
12:00 - 12:20	> <a href="#">Diversity of capitalism and sustainable development : institutional complementarity dynamics or radical change in the hierarchy of institutions ?</a> - Eric Magnin, Laboratoire dynamiques sociales et recomposition des espaces 
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Ecological Economics: Theoretical and Epistemological Issues 1 (Chairperson: Arild Vatn, 1, SUP Building)</b>
11:00 - 11:15	> <a href="#">A radical approach to sustainability economics</a> - Moritz Remig, Institute for Advanced Sustainability Studies, University of Kassel
11:15 - 11:30	> <a href="#">New Foundations for Ecological Economics</a> - Clive Spash, Vienna University of Economics and Business 
11:30 - 11:45	> <a href="#">Towards a common, evolutionary epistemology for ecological and institutional economics. Lessons from Veblen and Georgescu-Roegen.</a> - Pascal van Griethuysen, Institut de Hautes Etudes Internationales et du Développement
11:45 - 12:00	> <a href="#">Ecological Economics and Degrowth, Nicholas Georgescu-Roegen's Controversial Legacies</a> - Antoine Missember, Triangle - University of Lyon 2, Centre Walras-Pareto - University of Lausanne 
12:00 - 12:15	> <a href="#">La valeur, le travail et la valeur de la nature : retour à la critique de l'économie politique</a> - Jean-Marie Harribey, Gretha UMR CNRS 5113
<b>11:00 am -12:30 pm</b>	<b>Special session - Money and Degrowth (Chairperson: Kristofer Dittmer, 302, SUP Building)</b>
11:00 - 11:20	> <a href="#">Local currencies for purposive degrowth? A quality check of some proposals for changing money-as-usual</a> - Kristofer Dittmer, Institut de Ciència i Tecnologia Ambientals, Universitat Autònoma de Barcelona 
11:20 - 11:40	> <a href="#">Monetary and fiscal policies for a finite planet</a> - Joshua Farley, University of Vermont
11:40 - 12:00	> <a href="#">Voluntary degrowth – can we observe it empirically? A socio-economic and socio-cultural analysis of Bavarian low income municipalities.</a> - Bernhard Gill, Ludwig Maximilian University of Munich, Department of Sociology - Johannes Schubert, Ludwig Maximilian University of Munich, Department of Sociology
12:00 - 12:20	> <a href="#">Structure and Agency in the Dynamics of Growth: A monetary macroeconomic equilibrium perspective on growth imperatives and stagnation</a> - Christian Kimmich, Humboldt University Berlin 
<b>12:30 pm -2:00 pm</b>	<b>Lunch (MACC's Hall &amp; ASCOTEL restaurant)</b>
<b>2:00 pm -3:30 pm</b>	<b>Special session - Effectiveness of biodiversity conservation instruments in a policymix: comparing experiences from subnational</b>

TIME	EVENT
<b>settings in Europe and Latin America 2 (Chairpersons: David N. Barton &amp; Irene Ring, Salle 1, MACC's Building)</b>	
14:00 - 14:15	> <a href="#">PES in a policy mix: Spatial and temporal articulation in Mexico</a> - Driss Ezzine de Blas, CIRAD 
14:15 - 14:30	> <a href="#">What does it take to convince farmers to afforest? A comparative choice experiment from the Netherlands and Germany</a> - Nele Lienhoop, Helmholtz Centre for Environmental Research
14:30 - 14:45	> <a href="#">The effectiveness of the "Ecological ICMS" as a fiscal transfer for biodiversity conservation in Mato Grosso, Brazil</a> - Peter May, Federal Rural University of Rio de Janeiro
14:45 - 15:00	> <a href="#">Targeting AEM in human shaped ecosystems in south-eastern Portugal</a> - Rute Pinto, Center for Environmental and Sustainability Research, Department of Environmental Sciences and Engineering, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa - Paula Antunes, Center for Environmental and Sustainability Research, Department of Environmental Sciences and Engineering, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa (CENSE)
15:00 - 15:15	> <a href="#">Procedural and Distributive Justice in Afforestation Schemes: A Cross-Country Comparison</a> - Elissaios Papyrakis 
<b>2:00 pm -3:30 pm</b>	<b>Session Spéciale ESEE/RIODD : L'économie de la fonctionnalité : sortir d'une vision strictement microéconomique (Présidence: Gérald Gaglio, 208, SUP Building)</b>
14:15 - 14:35	> <a href="#">Towards a transportation system operated in accordance with the principles of functional economy</a> - Marion Drut, EQUIPPE lab, University of Lille 1 
14:35 - 14:55	> <a href="#">La dimension institutionnelle de l'économie de la fonctionnalité</a> - Christian du Tertre, Laboratoire d'Intervention et de Recherche 'Analyse du Travail Et des Mutations des Industries et des Services'
14:55 - 15:15	> <a href="#">L'économie de la fonctionnalité, une traduction possible ou rêvée de la RSE dans un nouveau modèle économique ?</a> - Thomas Lamarche, Laboratoire dynamiques sociales et recomposition des espaces
<b>2:00 pm -3:30 pm</b>	<b>Special session - The crisis of democracy in modern growth societies and the new cycle of protest (Chairpersons: Barbara Muraca &amp; Viviana Asara, Salle 2, MACC's Building)</b>
14:00 - 14:15	> <a href="#">Does democracy need economic growth to its stabilization? Challenges and visions for a democratic transition to a post-growth-society</a> - Barbara Muraca, University of Jena 
14:15 - 14:30	> <a href="#">Growth and Domination. Shortcomings of the (De-)Growth Debate</a> - Ulrich Brand
14:30 - 14:45	> <a href="#">Degrowth, capitalism and democratic stability</a> - Daniel Hausknost, Institute of Social Ecology, Universitaet Klagenfurt 
14:45 - 15:00	> <a href="#">From technocracy to democracy: Are ecological economists part of a social movement for sustainable development?</a> - Peter Söderbaum, Mälardalen university 
15:00 - 15:15	> <a href="#">The indignados movement in Barcelona. Framing the crisis and democracy</a> - Viviana Asara
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Payments for Environmental Services Schemes 1 (Chairperson: Jean-François Le Coq, 301, SUP Building)</b>
14:10 - 14:30	> <a href="#">Is there any evidence of an ecosystem service curse?</a> - Jakub Kronenberg, University of Lodz 

TIME	EVENT
14:30 - 14:50	> <a href="#">Feasibility of a Payment for Ecosystem Services Scheme: Cost-benefit Distribution and Contracting Opportunities in Guisayote Biological Reserve, Honduras</a> - Olivia Rendon, Sustainability Research Institute, School of Earth and Environment, University of Leeds
14:50 - 15:10	> <a href="#">Spatial Ecosystems Services of Mexican Free-Tailed Bats</a> - Ruscena Wiederholt, Laura López-Hoffman, Darius Semmens, James Diffendorfer 
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Industrial ecology and Material Flows Analysis (Chairperson: Nicolas Buclet, 8, SUP Building)</b>
14:00 - 14:20	> <a href="#">Industrial Ecology : Crossed Viewpoints from Economics and Biology</a> - Muriel Maillefert, Clercé
14:20 - 14:40	> <a href="#">How many materials does Austria globally use? A comparison of seven methods to calculate Raw Material Equivalents (RME)</a> - Nina Eisenmenger, Institute of Social Ecology
14:40 - 15:00	> <a href="#">The performativity of industrial ecology: towards cases of biomimicry in the sector of flooring</a> - Romain Debref, Laboratoire REGARDS (EA 6292)
15:00 - 15:20	> <a href="#">How to account for mineral depletion. The exergy and economic mineral balance of Spain as a case study.</a> - Alicia Valero, Research Centre for Energy Resources and Consumption 
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session : Commons, Common pool-resources, Common property 1 (Chairperson: Bina Agarwal, Salle 3, MACC's Building)</b>
14:00 - 14:20	> <a href="#">Production of commons by means of commons</a> - Simone D'Alessandro, Department of Economics, University of Pisa - Giacomo D'Alisa, Universitat Autònoma de Barcelona
14:20 - 14:40	> <a href="#">The "Common-Pool Resources" approach of the Bloomington School : A Critical Analysis</a> - Olivier Petit, Centre Iillois d'études et de recherches sociologiques et économiques
14:40 - 15:00	> <a href="#">Not distant 'others' but close 'us': Why do individuals commit themselves to CPR management?</a> - Hiroe Ishihara, University of Cambridge
15:00 - 15:20	> <a href="#">The common good is a social construction: the merits and limits of Ostrom's approach to environmental governance</a> - Ali Douai, Groupe de Recherche en Droit, Economie et Gestion
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Climate change governance (Chairperson: Michael Getzner, 302, SUP Building)</b>
14:00 - 14:20	> <a href="#">The Ostrich or the Phoenix? ... dissonance and creativity in a changing climate</a> - Kevin Anderson , Tyndall Centre for Climate Change Research
14:20 - 14:40	> <a href="#">How change happens? The status quo bias in climate policy</a> - Sylvie Geisendorf, ESCP Europe Business School Berlin 
14:40 - 15:00	> <a href="#">Economics of climate change and intergenerational justice</a> - Axel Schaffer, Universitaet der Bundeswehr Muenchen 
15:00 - 15:20	> <a href="#">Unconventional Determinants of Greenhouse Gas Emissions: The Role of Trust</a> - Stefano Carattini, Departament de Teoria Econòmica, Universitat de Barcelona, Geneva School of Business Administration, University of Applied Sciences Western Switzerland
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Agriculture and Sustainability 1 (Chairperson: Gaël Plumecocq, 211, SUP Building)</b>
14:00 - 14:20	> <a href="#">Towards Sustainable Agriculture? The EU Framework and Local</a> 

TIME	EVENT
	<a href="#"><u>Adaptation in Sweden and Poland</u></a> - Erika Ohlund, Centre for Baltic and East European Studies, Södertörn University, School of Natural Sciences, Technology and Environmental Studies, Södertörn University
14:20 - 14:40	> <a href="#"><u>Sown Biodiverse Permanent Pastures Rich in Legumes: A Systematic Sustainability Analysis</u></a> - Tiago Domingos, Instituto Superior Técnico - Technical University of Lisbon
14:40 - 15:00	> <a href="#"><u>Locked Into Continuous Insecticide Spraying in Rice. Developing an integrated ecological and socio-political DPSIR analysis</u></a> - Joachim Spangenberg, Helmholtz Centre for Environment Research, Sustainable Europe Research Institute SERI Germany eV
15:00 - 15:20	> <a href="#"><u>'Good' Environmental governance in the context of agriculture and deforestation</u></a> - Sabine Sedlacek, MODUL University Vienna - Nicholas Bardsley, School of Agriculture Policy and Development, University of Reading - Sergio Gomez-y-Paloma, European Commission Joint Research Centre, Institute for Prospective Technological Studies
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Water Resources Management 2 (Chairperson: Arnaud Buchs, 303, SUP Building)</b>
14:00 - 14:20	> <a href="#"><u>On Counting Cows, Power and Institutional Change: Communal Water Management in the Kunene Region, North-Western Namibia</u></a> - Diego Menestrey Schwieger, Institute of Cultural and Social Anthropology University of Cologne
14:20 - 14:40	> <a href="#"><u>Institutions, organizations and the characteristics of investment in aquatic ecosystems, a comparative analysis of four French case-studies</u></a> - Pierre SCEMAMA, AMURE-Centre de droit et d'économie de la mer
14:40 - 15:00	> <a href="#"><u>Decentralization and economic incentives to manage groundwater withdrawals for irrigation - From theory to practice</u></a> - Anne-Gaëlle Figureau, CEMAGREF, Bureau de recherches géologiques et minières
15:00 - 15:20	> <a href="#"><u>How make environmental restoration affordable: transform disproportionate costs into proportionate ones</u></a> - Mateo Cordier, Centre d'Etudes Economiques et Sociales de l'Environnement de l'Université Libre de Bruxelles, Centre International de Recherches en Economie Ecologique, Eco-Innovation & Ingénierie du Développement Soutenable de l'Université de Versailles-St-Quentin-En-Yvelines
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Towards a Socio-Ecological Transition 1 (Chairperson: Markku Lehtonen, Salle 4, MACC's Building)</b>
14:00 - 14:20	> <a href="#"><u>Modelling the Great Transition - A Simple model of income, aggregate demand and the process of credit creation by private bank</u></a> - Giovanni Bernardo, New Economics Foundation & University of Pisa - Campiglio Emanuele, Grantham Research Institute on Climate Change and the Environment
14:20 - 14:40	> <a href="#"><u>Left Turn in Bolivia and Ecuador: Changes in environment and development policies</u></a> - Lorenzo Pellegrini, International Institute of Social Studies, Erasmus university
14:40 - 15:00	> <a href="#"><u>Addressing Sufficiency – Including altruistic motives in behavioural models for sustainability transitions</u></a> - Felix Rauschmayer, UFZ - Helmholtz Centre for Environmental Research
15:00 - 15:20	> <a href="#"><u>Adam Smith's Stationary State, and Sustainable or Steady-State Economies in the History of Economics</u></a> - Nancy Bertaux, Xavier University
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Ecological Economics: Theoretical and Epistemological Issues 2 (Chairperson: Géraldine Thiry, 1, SUP Building)</b>
14:00 - 14:15	> <a href="#"><u>Social Ecological Economics</u></a> - Clive Spash, Vienna University of Economics

TIME	EVENT
<i>and Business</i>	
14:15 - 14:30	<ul style="list-style-type: none"> <li>&gt; <a href="#">Nonlinear versus linear accounting of Sustainable Economic Systems, (SES): the ecological economist's challenge to the neoclassical intergenerational, non-declining, welfare model.</a> - Anthony Friend, Institute for the Environment, University of Ottawa, Canada</li> </ul>
14:30 - 14:45	<ul style="list-style-type: none"> <li>&gt; <a href="#">Participatory Action Research for Ecological Economics</a> - György Pataki, Corvinus University of Budapest, St. István University - György Málovics, University of Szeged</li> </ul>
14:45 - 15:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">Structured methodological pluralism in sustainability science</a> - Popa Florin, Université catholique de Louvain</li> </ul>
15:00 - 15:15	<ul style="list-style-type: none"> <li>&gt; <a href="#">Social-ecological system depends on model of the mind: Contrasting information-processing and embodied views of cognition in ecological economics</a> - Janne Hukkinen, University of Helsinki</li> </ul>
<b>2:00 pm -3:30 pm</b>	<p><b>Special session - Environmental conflicts and degrowth (Chairpersons: Federico Demaria &amp; Joan Martínez-Alier, Auditorium, MACC's Building)</b></p> <ul style="list-style-type: none"> <li>&gt; <a href="#">Capital accumulation, degrowth and environmental conflicts</a> - Federico Demaria, Centre for Studies in Science Policy, Jawaharlal Nehru University, Universitat Autònoma de Barcelona - Giacomo D'Alisa, Universitat Autònoma de Barcelona</li> </ul>
14:00 - 14:30	<ul style="list-style-type: none"> <li>&gt; <a href="#">The relevance of life projects for understanding links between degrowth and environmental conflict in the 'First World'</a> - Christos Zografos, ICTA, Universitat Autònoma de Barcelona, Spain</li> </ul>
15:00 - 15:30	<ul style="list-style-type: none"> <li>&gt; <a href="#">Mining conflicts at the crossroads of the de-growth and environmental justice movements</a> - Begüm Özkanak, Boğaziçi University</li> </ul>
<b>3:30 pm -3:45 pm</b>	<p><b>Coffee break (MACC's Hall)</b></p>
<b>3:45 pm -5:00 pm</b>	<p><b>Poster session (Chairperson: Charlotte Da Cunha, Hall, SUP Building)</b></p>
15:45 - 17:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">Back from the future: Defining sustainable employment through backcasting</a> - Alexandra Köves, Corvinus University of Budapest</li> </ul>
15:45 - 17:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">Challenges of designing a PES-Scheme in south-western Madagascar</a> - Regina Neudert, Greifswald University, Brandenburg Technical University Cottbus</li> </ul>
15:45 - 17:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">Corporate social responsibility in Madagascar : tool of development and source of frustrations</a> - Jérôme Ballet, CEMOTEV Université de Versailles St Quentin</li> </ul>
15:45 - 17:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">Costs and benefits of creating stork villages in Poland</a> - Jakub Kronenberg, University of Lodz</li> </ul>
15:45 - 17:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">Ecosystem services trade-offs from a historical perspective</a></li> </ul>
15:45 - 17:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">Evaluation des interactions entre les parties prenantes dans la gouvernance communautaire des ressources naturelles à Madagascar : cas d'Analamanga</a> - Aurelie Gaudieux</li> </ul>
15:45 - 17:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">Exploring the links between agricultural biodiversity, ecosystem services and human well-being. Evidence from the Yucatán, Mexico.</a> - Genowefa Blundo Canto, Università degli Studi Roma Tre</li> </ul>
15:45 - 17:00	<ul style="list-style-type: none"> <li>&gt; <a href="#">External diseconomies, Neoclassical and Marxist analysis: a vision</a> - George Papalexiou</li> </ul>

TIME	EVENT
15:45 - 17:00	> <a href="#">Green is the Color of Money: The EU ETS failure as a model for the "green economy"</a> - Ricardo Coelho, Centre for Social Studies - University of Coimbra
15:45 - 17:00	> <a href="#">Indigenous natural resources management and mobility in Arnhem Land, northern Australia</a> - Kerstin Zander, The Northern Institute, Charles Darwin University
15:45 - 17:00	> <a href="#">Modeling the Determinants of Organic Consumption Based on Sales Data: The Role of Nature Connectedness and Peers Influence</a> - Hélène Cheval, Conservation des espèces, restauration et suivi des populations
15:45 - 17:00	> <a href="#">Neo-liberalisation of Water Resources Management: Its Implications in Turkey in the context of the recent Hydroelectric Power Plant (HPP) Development Projects</a> - Ramazan Sayan, UNESCO Centre for Water Law, Policy and Science
15:45 - 17:00	> <a href="#">One Globe: from talking with local indigenous communities to having global community voice heard via Internet – what participatory processes offer today?</a> - Dragana Bojovic, Ca'Foscari University of Venice
15:45 - 17:00	> <a href="#">Outlining a sustainable future for the island of Samothraki (Greece) as a Biosphere Reserve</a> - Panos Petridis, Vienna Institute of Social Ecology, Alpen Adria University
15:45 - 17:00	> <a href="#">Perceived impacts on ecosystem services and expected compensations in the context of marine renewable energy : A fuzzy cognitive mapping approach</a> - Charlène Kermagoret, AMURE-Centre de droit et d'économie de la mer
15:45 - 17:00	> <a href="#">Quand la finançiarisation des économies touche les marchés des denrées alimentaires Alijani S., Karyotis C.</a> - Catherine Karyotis, LIRSA
15:45 - 17:00	> <a href="#">Reducing consumption emissions: balancing technological change with consumption</a> - Ruth Wood, Sustainable Consumption Institute, School of Mechanical Aerospace and Civil Engineering
15:45 - 17:00	> <a href="#">Seeking permanence as an alternative goal to maximizing profits in economic appraisal</a> - Aiora Zabala, Departament of Land Economy, University of Cambridge
15:45 - 17:00	> <a href="#">The difficult governance in a complex institutional context : the case of the grand boulevard in the Lille Metropolis</a> - Romain Plichon, Dynamiques des Réseaux et des Territoires - Thomas Werquin, Université Lille 1
15:45 - 17:00	> <a href="#">The EJOLT Mapping Platform of Environmental Justice: A European Perspective</a> - Temper Leah, Universitat Autònoma de Barcelona
15:45 - 17:00	> <a href="#">The impacts of energy technologies to enhance sustainable degrowth</a> - Petra Wächter, Institute of Technology Assessment of the Austrian Academy of Sciences
15:45 - 17:00	> <a href="#">The Paradox of Affluence and Active Commuting in New Zealand</a> - Laura McKim, Victoria University of Wellington - Richie Singleton, Victoria University of Wellington
15:45 - 17:00	> <a href="#">The scientific influence of ecological economics. An exploratory bibliometric exercise</a> - Aurora Teixeira, CEF.UP, Faculdade de Economia, Universidade do Porto
15:45 - 17:00	> <a href="#">What Can We Learn from Combining Experimental Research with Post-experimental Group Discussions and Interviews? Insights from Two Framed Field Experiments in Andhra Pradesh, India</a> - Jens Rommel, Division of Resource Economics, Department of Agricultural Economics, Humboldt-Universität zu Berlin

TIME	EVENT
15:45 - 17:00	> <a href="#">What territorial distribution of cropping systems could limit quantitative water management crisis?</a> -Clément Murgue, AGrosystèmes et développement territorial
15:45 - 17:00	> <a href="#">Working with ecology: Using the Allee effect for invasive species (control) policy</a> - Shana McDermott, University of New Mexico
<b>5:00 pm -6:30 pm</b>	<b>Special session - Shared, Plural and Cultural Values of Ecosystems (Chairpersons: Jasper Kenter &amp; Katherine Irvine, Salle 1, MACC's Building)</b>
17:00 - 17:20	> <a href="#">What are shared and social values of ecosystems?</a> - Jasper Kenter, Oceanlab, School of Biological Sciences, University of Aberdeen, Aberdeen Centre for Environmental Sustainability - Neal Hockley, School of Environment, Natural Resources and Geography, Bangor University - Katherine Irvine, The James Hutton Institute 
17:20 - 17:40	> <a href="#">Shared and cultural values around ecosystems, health and renewable energy – a literature review.</a> - Liz O'Brien, Forest Research - Katherine Irvine, De Mont Uni
17:40 - 18:00	> <a href="#">Managing land for multiple benefits in the Scottish uplands: the influence of values across regions and institutions</a> - Rosalind Bryce, Aberdeen Centre for Environmental Sustainability
18:00 - 18:20	> <a href="#">Eliciting shared values using deliberative valuation and participatory systems modelling – a case study from the Solomon Islands</a> - Jasper Kenter, Aberdeen Centre for Environmental Sustainability, Oceanlab, School of Biological Sciences, University of Aberdeen
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session : Land use and the dynamics of Sustainability (Chairperson: Ben Davies, 301, SUP Building)</b>
17:00 - 17:20	> <a href="#">Transregional Land-Use Dynamics of Bioenergy Policies – An Agent-Based Approach</a> - Christian Klassert, Deutsches Biomasseforschungszentrum - DBFZ, Helmholtz Centre for Environmental Research
17:20 - 17:40	> <a href="#">Analysing historic land use in New Zealand: Tracing land use efficiency based on the Human Appropriation of Net Primary Production framework</a> - Tamara Fetzel, Institute of Social Ecology, Vienna, Alpen Adria Universität
17:40 - 18:00	> <a href="#">The effect of forest proximity on biological control of pasture in Northwest Mato Grosso, Brazil: a cost-benefit analysis for land use policy</a> - Pablo Del Arco Zúñiga, Federal University of Rio de Janeiro 
18:00 - 18:20	> <a href="#">Land Use Conflicts in Protected Agro-ecosystems: Exploring and Interpreting the Dynamics of Actors and Factors</a> - Agnes Kalóczkai, Environmental Social Science Research Group (ESSRG), St. István University - György Pataki, Department of Environmental Economics and Technology, Corvinus University of Budapest, Hungary, Environmental Social Science Research Group (ESSRG), St. István University
<b>5:00 pm -6:30 pm</b>	<b>Special Session ESEE/RIODD: Common-Pool Resources and Social-Ecological Systems (in memory of Elinor Ostrom) (Chairperson: Roland Perez, Auditorium, MACC's Building)</b>
17:10 - 17:30	> <a href="#">The land above, within, and below: the evolving complexity of landscapes and common pool resources</a> -Eduardo Brondizio, Indiana University
17:30 - 17:50	> <a href="#">Role-playing games to assess the external validity of field experimental economics</a> - Francois Bousquet, UPR GREEN 
17:50 - 18:30	> <a href="#">Roundtable - A New Science of Governance for the New Age</a> - Jean-Louis Le Moigne, Réseau Intelligence de la Complexité - Meriem Bouamrane, UNESCO

TIME	EVENT
<b>5:00 pm -6:30 pm</b>	<b>Special session - Capitalism, Green Growth and Degrowth (Chairperson: Igor Matutinovic, 1, SUP Building)</b>
17:00 - 17:20	> <a href="#">Capitalism and sustainability</a> - Igor Matutinovic, GfK – Center for Market Research
17:20 - 17:40	> <a href="#">The Growth Paradigm: Its intellectual history and current travails</a> - Gareth Dale, Gareth Dale, Brunel University 
17:40 - 18:00	> <a href="#">Criticism of economic growth as phenomenon, structure and ideology: A comparative analysis of contemporary degrowth classics</a> - Liisa Haapanen, Dpt of Environmental Sciences, University of Helsinki - Petri Tapio, Finland Futures Research Centre 
18:00 - 18:20	> <a href="#">Río +20 in Perspective: From the Limits to Growth to the Green Economy</a> - Erik Gómez-Baggethun, Universitat Autònoma de Barcelona
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session: Payments for Environmental Services Schemes 2 (Chairperson: Renaud Lapeyre, 208, SUP Building)</b>
17:00 - 17:20	> <a href="#">Intergovernmental fiscal transfers to support local conservation action in Europe</a> - Christoph Schröter-Schlaack, Helmholtz-Center for Environmental Research – UFZ
17:20 - 17:40	> <a href="#">Assessing the feasibility of direct payments to conserve biodiversity in Central Kenya</a> - Michael Curran, Group of Ecological Systems Design 
17:40 - 18:00	> <a href="#">Institutional analysis of incentives for the provision of forest goods and services: an assessment of incentive schemes in Catalonia (North-East Spain)</a> - Elena Górriz, Forest Sciences Center of Catalonia 
18:00 - 18:20	> <a href="#">Evaluating Farmers' Participation in Potential Payment Schemes for Climate Regulation in the UK Farmlands: A Choice Experiment Approach</a> - Uzma Aslam, School of Earth and Environment [Leeds] 
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session: Technology and innovations (Chairperson: Abdelillah Hamdouch, Salle 4, MACC's Building)</b>
17:00 - 17:20	> <a href="#">Environmental Innovations, Partnership strategies and Governance: A study case of Poitou-Charentes firms</a> - Marie Ferru, laboratoire chef - Marc Hubert Depret, laboratoire chef - Benjamin Guimond, laboratoire chef - Nicolas Liberat, laboratoire chef 
17:20 - 17:40	> <a href="#">Is innovation the key to a decarbonized economy? Myth and Reality of Environmental Innovation</a> - Xavier Gallegue, Laboratoire d'Economie d'Orléans
17:40 - 18:00	> <a href="#">Innovation projects and the trajectory's irreversibility of the Aquitaine wood filière</a> - Marie-Claude Bélis-Bergouignan, Groupe de Recherche en Economie Théorique et Appliquée 
18:00 - 18:20	> <a href="#">The role of advisory services in the dynamic of Agricultural Knowledge and Innovation Systems: locking in or locking out?</a> - Pierre Labarthe, Institut National de la Recherche Agronomique
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session : Critical analysis of markets for carbon and biodiversity (Chairperson: Franck-Dominique Vivien, Salle 3, MACC's Building)</b>
17:00 - 17:20	> <a href="#">What is the carbon market for? Compliance transactions versus financial transactions</a> - Emmanuelle Gautherat, Centre de Recherche en Économie et Statistique, Organisation Marchandes et Institutions - Nathalie Berta, Organisation Marchandes et Institutions - Ozgur Gun, Organisation Marchandes et Institutions 
17:20 - 17:40	> <a href="#">The high cost of cost-efficiency: A critique of carbon trading</a> - Ricardo Coelho, Centre for Social Studies - University of Coimbra 

TIME	EVENT
17:40 - 18:00	> <a href="#">Biodiversity mitigation policies and the market: A reassessment based on French case studies</a> - Valérie Boisvert, Institut de Géographie et Durabilité
18:00 - 18:20	> <a href="#">Diffusion of "Market based instruments" and "biodiversity offsets" notions within European environmental policies: between international benchmarking and domestic dynamics</a> - Marie Hrabanski, Acteurs, ressources territoires dans le développement
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session: Response to climate change adverse effects</b> <b>(Chairperson: Charlotte Da Cunha, 303, SUP Building)</b>
17:00 - 17:15	> <a href="#">Climate change and socio-economic impacts of invasive alien species</a> - Michael Getzner
17:15 - 17:30	> <a href="#">Why do some countries have an approved climate change adaptation strategy and others don't? – A qualitative comparative analysis of governance processes and outcomes in the Alpine space</a> - Susanne Menzel, Swiss Federal Research Institute for Forest, Snow and Landscape Research - Marco Puetz, Swiss Federal Research for Forest, Snow and Landscape Research
17:30 - 17:45	> <a href="#">How little or how much climate change? Facilitating stakeholder thinking on food system futures</a> - Sarah Mander, The University of Manchester
17:45 - 18:00	> <a href="#">Can Fishers Pass the Climate Test? Evidence from Field Experiments in Chilika Lagoon, India</a> - Abhinav Sharma, Department of Statistics, Political Economics, Department of Geography, McGill University
18:00 - 18:15	> <a href="#">Crisis in the Sahel, Health and Environment</a> - Stéphane Callens, LEM UMR 8179 CNRS
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session: Biodiversity : instruments and policies</b> <b>(Chairperson: Sybille van den Hove, Salle 2, MACC's Building)</b>
17:00 - 17:15	> <a href="#">How can institutional analysis contribute to the understanding of the challenges of Marine Protected Areas?</a> - Gabriela Weber de Morais, Leibniz Center for Marine Tropical Ecology, Center for Marine Environmental Sciences, University of Bremen, Jacobs University Bremen
17:15 - 17:30	> <a href="#">Ignorance, uncertainty and biodiversity conservation: decision-making by the European Court of Justice</a> - Volker Mauerhofer, United Nations University Institute of Advanced Studies
17:30 - 17:45	> <a href="#">Agri-Environmental Schemes and Grassland Biodiversity: Another Side of the Coin</a> - Angela Münch, University of Southern Denmark
17:45 - 18:00	> <a href="#">What do conservationists really think about markets?</a> - Janet Fisher, Exeter University
18:00 - 18:15	> <a href="#">Learning process in adaptive governance for sustainable development: a critical perspective. Some issues from the French experience of effective implementation of the Green and Blue infrastructure.</a> - Valérie Angeon, CEREGMIA - Armelle Caron, AgroParisTech
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session: Agriculture and Sustainability 2</b> <b>(Chairperson: Gilles Allaire, 211, SUP Building)</b>
17:00 - 17:15	> <a href="#">A Transdisciplinary Research Framework for an Integrated Sustainability Assessment of Livestock Farming Systems</a> - Helen Ding, BIOGOV Research Unit, Centre de Philosophie du Droit, Université catholique de Louvain - Tom Dedeurwaerdere, BIOGOV Research Unit, Centre de Philosophie du Droit, Université catholique de Louvain
17:15 - 17:30	> <a href="#">The interactions between agricultural intensification and different aspects of governance: effects on agricultural expansions in tropical Latin America</a> -

TIME	EVENT
	<i>Michele Ceddia, MODUL University Vienna</i>
17:30 - 17:45	> <a href="#">Individual Decisions or Institutional Dynamics? Reasons for the Intensive Use of Fertilizer in Eastern China</a> -Lars Berger, Division of Resource Economics, Humboldt-Universität zu Berlin 
17:45 - 18:00	> <a href="#">Analyzing Fertilizer Use on Farmlands with Direct Experimentation</a> - Ali Kerem Saysel, Boğaziçi University Institute of Environmental Sciences 
18:00 - 18:15	> <a href="#">Assessment of eco-efficiency in agricultural sector in Japan: An application of System of Environmental and Economic Accounting and Sustainable Value</a> - Takashi Hayashi, Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries 
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session: Environmental Justice 1 (Chairperson: Edwin Zaccai, 303, SUP Building)</b>
17:00 - 17:25	> <a href="#">The Justice Dimension of Sustainability - A systematic and general conceptual framework</a> - Klara Stumpf, Sustainability Economics Group, Leuphana University of Lüneburg 
17:25 - 17:50	> <a href="#">Combining environmental justice and historical/institutional approaches to analyse big water projects in semi-arid regions : a case study in Northeastern Brazil.</a> - Philippe Roman, REEDS 
17:50 - 18:15	> <a href="#">The relationship between intragenerational and intergenerational justice in the use of ecosystems and their services. An ecological-economic model.</a> - Stefanie Sievers-Glotzbach, Carl von Ossietzky University of Oldenburg, Ecological Economics 
<b>5:00 pm -6:30 pm</b>	<b>Parallel paper session: Assessments, Indicators and Sustainability (Chairperson: Felix Rauschmayer, 8, SUP Building)</b>
17:00 - 17:20	> <a href="#">Objective, Subjective and Phenomenological Environmental Effects</a> - Thomas Johansen, Nordland Research Institute 
17:20 - 17:40	> <a href="#">The Building Blocks of per capita Ecological Footprint Inequality: A Regression-Based Decomposition.</a> -Jordi Teixido-Figueras, Universitat Rovira i Virgili. Dept Economics 
17:40 - 18:00	> <a href="#">Mobilizing ground and underground Knowledge and uncertainties in Urbanisation: Multi-stakeholders and multi-criteria evaluation processes in a deliberative perspective</a> - Jean-Marc Douguet, International Centre for Research in Ecological Economics, Eco-innovation and Tool Development for Sustainability 
18:00 - 18:20	> <a href="#">Geological disposal of radioactive waste as a "megaproject": challenges and approaches to the evaluation of socio-economic impacts</a> - Markku Lehtonen, Sussex Energy Group, SPRU, Université de Sussex, Institut francilien recherche, innovation et société 
<b>8:00 pm -11:00 pm</b>	<b>Gala Dinner (Hall d'Honneur, Chambre de Commerce et d'Industrie Grand Lille, Lille)</b>

# Thursday, June 20, 2013

TIME	EVENT
<b>9:00 am -10:30 am</b>	<b>Plenary Session 2 : Rethinking the Role of Science in Society (Chairperson: Sigrid Stagl, Auditorium, MACC's Building)</b>
09:00 - 09:45	> <a href="#">Science, Innovation and Sustainability: Exploring Myths and Asymmetries</a> - Sybille van den Hove, MEDIAN & Visiting Professor at the Institute of Environmental Science and Technology - ICTA - Autonomous University of Barcelona
09:45 - 10:30	> <a href="#">Opening up Green Transitions: Acknowledging the Politics of Ecologies, Economies and Technologies</a> - Andrew Stirling, SPRU, University of Sussex
<b>10:30 am -11:00 am</b>	<b>Coffee break (MACC's Hall)</b>
<b>11:00 am -12:30 pm</b>	<b>Special session: Biodiversity: valuation, conservation and policy 1 (Chairperson: Iulie Aslaksen, Salle 3, MACC's Building)</b>
11:00 - 11:20	> <a href="#">Markets in Environmental Governance. From Theory to Practice</a> - Arild Vatn, Arild Vatn 
11:20 - 11:40	> <a href="#">The UN System of Environmental-Economic Accounting (SEEA) – Experimental Ecosystem Accounting. Implications for biodiversity policy</a> - Per Arild Garnåsjordet, Statistics Norway
11:40 - 12:00	> <a href="#">Biodiversity and ecosystem services: The Nature Index for Norway</a> - Iulie Aslaksen, Statistics Norway
12:00 - 12:20	> <a href="#">Path-dependent policyscapes: a theoretical approach to the evaluation of policymixes for biodiversity conservation</a> - Barton David N., Norwegian Institute for Nature Research
<b>11:00 am -12:30 pm</b>	<b>Special Session ESEE/RIODD: Critical analysis of environmental management arrangements 1 (Chairpersons: Eve Chiapello &amp; Maya Leroy, Salle 4, MACC's Building)</b>
11:15 - 11:40	> <a href="#">Genesis of environmental management arrangements in Amazonia. A comparison between France (French Guiana) and Brazil (Amapá)</a> . - Sandra Nicolle, Montpellier Recherche en Management, CNRS Guyane, Ecologie des forêts de Guyane
11:40 - 12:05	> <a href="#">The mechanisms for quantifying the costs incurred by asbestos removal projects.</a> - Nicolas Berland, Paris Dauphine University 
12:05 - 12:30	> <a href="#">Experimenting with technique. How to make an agro-environmental management device?</a> - Didier Busca, Centre d'Etude et de Recherche Travail Organisation Pouvoir - Marion Vidal, Centre d'Etude et de Recherche Travail Organisation Pouvoir 
<b>11:00 am -12:30 pm</b>	<b>Special session: Distributed innovation/agency in sustainable energy transitions (Chairpersons: Gill Seyfang &amp; Jason Chilvers, 303, SUP Building)</b>
11:00 - 11:20	> <a href="#">Community Energy in the UK: examining grassroots innovations for sustainable energy transitions</a> - Gill Seyfang, School of Environmental Sciences 
11:20 - 11:40	> <a href="#">Participation in transition(s): emergent engagement, politics and actor dynamics in low carbon energy transitions</a> - Jason Chilvers, School of Environmental Sciences - Noel Longhurst, School of Environmental Sciences 
11:40 - 12:00	> <a href="#">Who uses smart homes? Representations of users by the smart home industry</a> - Tom Hargreaves, University of East Anglia 
<b>11:00 am -12:30 pm</b>	<b>Special session - The Role of Civil Society Actors in Mainstreaming</b>

TIME	EVENT
	<b>the Ecosystem Service Concept (Chairpersons: Bettina Matzdorf &amp; Bernardo Aguilar-González, 302, SUP Building)</b>
11:10 - 11:20	> <a href="#">Strengths and weaknesses of state initiated Payments for Ecosystem Services: Actors' roles and implementation performance</a> - Claas Meyer, Leibniz Centre for Agricultural Landscape Research
11:20 - 11:30	> <a href="#">Decision-making in payments for ecosystem services scheme design: Findings from case studies in Germany and the UK</a> - Kristin Nicolaus, Leibniz Centre for Agricultural Landscape Research
11:30 - 11:40	> <a href="#">How to Enable Civil Society Initiatives to Facilitate Efficient and Effective PES Implementation? An Elaboration of the Issue on German Landcare Associations</a> - Sarah Schomers, Leibniz-Centre for Agricultural Landscape
11:55 - 12:10	> <a href="#">On the misuse of metaphors: are payments for environmental services instruments of commodification of the nature?</a> - Alain Karsenty, CIRAD
12:10 - 12:25	> <a href="#">How do Civil Society Actors use the ES concept? A Case Study of Ecological Economic Valuation and Participatory Ecological Conflict Resolution in the Work of an Environmental NGO in Costa Rica</a> - Bernardo Aguilar-González, Adjunct Faculty, Northern Arizona University, President, Mesoamerican Society for Ecological Economics, Executive Director, Fundación Neotrópica, Director, Master in Ecological Economics Program, Universidad para la Cooperación Internacional
<b>11:00 am -12:30 pm</b>	<b>Session Spéciale ESEE/RIODD : PME et responsabilité sociétale (Présidence: Jean-Marie Courrent, 103, SUP Building)</b>
11:00 - 11:20	> <a href="#">La RSE, une source de création de valeur partagée en PME ?</a> - Sandrine Berger-Douce, EPICE, COACTIS - Arnaud Gautier, EPICE, COACTIS
11:20 - 11:40	> <a href="#">A Change management approach to sustainability in Small and Medium Enterprise</a> - Lorraine Uhlanner, EDHEC Business School
11:40 - 12:00	> <a href="#">L'engagement responsable de dirigeants de petites entreprises</a> - Agnès Paradas, Montpellier Research in Management
12:00 - 12:20	> <a href="#">Profil de l'entrepreneur et adhésion à la vision «business case» des politiques sociales et environnementales des PME</a> - Martine Spence, Université d'Ottawa, École de gestion Telfer - Jean-Marie Courrent, Labex Entreprendre - Jouhaina Gherib, ESCAE, Université de la Manouba
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Social metabolism (Chairperson: Sabine Barles, Auditorium, MACC's Building)</b>
11:00 - 11:15	> <a href="#">Is there a 1970s syndrome? Analyzing structural breaks in the metabolism of industrial economies</a> - Marina Fischer-Kowalski, Institute of Social Ecology, Vienna
11:15 - 11:30	> <a href="#">Okavango Delta: society in Transition. Social metabolism of a rural community in Ngamiland, Botswana.</a> -Stephanie Domptail, University of Giessen, Institute of Agricultural policy and market research
11:30 - 11:45	> <a href="#">Rethinking the concepts of Virtual Water, Socioeconomic Metabolism and Water Metabolism. Towards a new paradigm: Integrated Water Metabolism</a> - María Beltrán, Water and Environmental Development Organization. Friends of the Earth Middle East.
11:45 - 12:00	> <a href="#">The Global Metabolic Transition: Regional Patterns and Trends of Global Material and Energy Use, 1950-2010</a> - Anke Schaffartzik, Institute of Social Ecology
12:00 - 12:15	> <a href="#">Useful work and Portuguese economic growth, 1856-2009</a> - André Cabral Serrenho, Instituto Superior Técnico - Technical University of Lisbon.

TIME	EVENT
<b>11:00 am -12:30 pm</b>	<b>Special session - Institutional analysis of Ecosystem Services in Developing countries 1 (Chairperson: Géraldine Froger, Salle 2, MACC's Building)</b>
11:00 - 11:20	> <a href="#">Institutional dimensions of ES and their main application, PES: what sociology and political sciences can bring to economic approaches?</a> - Philippe Mérat, Institut de Recherche pour le Développement - Cécile Bidaud, Institut de Recherche pour le Développement - Denis Pesche, centre de coopération internationale en recherche agronomique pour le développement - Le Coq Jean-François, centre de coopération internationale en recherche agronomique pour le développement - Froger Géraldine, Université Versailles Saint-Quentin en Yvelines
11:20 - 11:40	> <a href="#">The institutional foundations of the ecosystem services approach</a> - Rémi Mongruel, Ifremer - UMR Amure; Harold Levrel, IFREMER, UMR Amure
11:40 - 12:00	> <a href="#">Payments for Ecosystem Services as Incentives for Collective Action</a> - Roldan Muradian, Centre for International Development Issues, CIDIN Radboud University Nijmegen 
12:00 - 12:20	> <a href="#">Forest Use Rules in South Asia's Community Governed Forests: Does Gender Make a Difference?</a> - Bina Agarwal, School of Environment and Development, University of Manchester
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Valuation of Ecosystem services 1 (Chairperson: Erik Gómez-Bagethun, 8, SUP Building)</b>
11:00 - 11:20	> <a href="#">A comparative study on valuation methods and decision-aid tools: cases on ecological restoration</a> - Leslie Carnoye, Centre Lillois d'Etudes et de Recherches Sociologiques et Economiques - Rita Lopes, Center for Environmental and Sustainability Research
11:20 - 11:40	> <a href="#">Valuation of Ecosystem Services - An ex-post analysis of Marine Spatial Planning Processes in Europe</a> - Rita Lopes, Center for environmental and sustainability research; Nuno Videira, Center for Environmental and Sustainability Research
11:40 - 12:00	> <a href="#">Talking money. How economic valuation can undermine the support for environmental protection</a> - Stijn Neuteleers, Centre de Recherches et d'Etudes Interdisciplinaires sur le Développement Durable - Bart Engelen, Centre for Economics and Ethics 
12:00 - 12:20	> <a href="#">The Deliberative Monetary Valuation (DMV) a powerful tool for arbitrated between two inter-related ecosystem services with negative jointure.</a> - Nicola Gallai, Charilaos Kephaliacos, Jean-Pierre Del Corso, Michèle Constans.
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Fisheries and Governance (Chairperson: Jean-Pierre Revéret, 1, SUP Building)</b>
11:00 - 11:20	> <a href="#">Governance system of fisheries quota management: a bio-economic approach in the case of the sole fishery in the bay of Biscay</a> - Claire Macher, IFREMER, UMR AMURE 
11:20 - 11:40	> Factors influencing adaptability of fish Producers Organizations: lessons from Portugal - Vanja Karadzic, Center for Environmental and Sustainability Research, Department of Environmental Sciences and Engineering, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa - Paula Antunes, Center for Environmental and Sustainability Research, Department of Environmental Sciences and Engineering, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa - John Grin, University of Amsterdam, Department of Political Science / Amsterdam School for Social science Research,
11:40 - 12:00	> <a href="#">Local Knowledge of Pond Fish-Farming Ecosystem Services: Implications of Fishfarmers' perceptions for Management in Three Contexts (France, Brazil</a> 

TIME	EVENT
	<a href="#"><u>and Indonesia)</u></a> - Syndhia Mathé, Laboratoire Montpelliérain d'économie théorique et appliquée - Hélène Rey-Valette, Laboratoire Montpelliérain d'économie théorique et appliquée
12:00 - 12:20	> Social learning among resource users: fish producers' organization experience - Vanja Karadzic, Center for Environmental and Sustainability Research, Department of Environmental Sciences and Engineering, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa - Paula Antunes, Center for Environmental and Sustainability Research, Department of Environmental Sciences and Engineering, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa (CENSE) - John Grin, University of Amsterdam, Department of Political Science / Amsterdam School for Social science Research
<b>11:00 am -12:30 pm</b>	<b>Session parallèle : Responsabilité sociale des entreprises et des consommateurs (Présidence: Françoise Quairel, 208, SUP Building)</b>
11:00 - 11:20	> <a href="#"><u>La responsabilité économique du consommateur, déterminants et conséquences sur le fameux « Acheter Français » !</u></a> - Pauline Folcher, Montpellier Recherche en Management 
11:20 - 11:40	> <a href="#"><u>La réalité sectorielle comme défi à la RSE pour les TPE</u></a> - Philippe Callot, France Business School 
11:40 - 12:00	> <a href="#"><u>Economie de la réglementation des OGM. Une approche par la qualité.</u></a> - Julien Milanesi, Lerass
12:00 - 12:20	> <a href="#"><u>"Into the wild", pedagogical innovation for responsible management?</u></a> - Guénola Nonet, Montpellier Research Management 
<b>11:00 am -12:30 pm</b>	<b>Special session - Sustainability Transitions, Doubly Green Chemistry and Biorefinery 1 (Chairperson: Clarisse Cazals, Salle 1, MACC's Building)</b>
11:00 - 11:20	> <a href="#"><u>Revisiting the Sustainability Transitions in Doubly Green Chemistry</u></a> - Martino Nieddu, REGARDS, Université de Reims Champagne Ardenne - Franck-Dominique Vivien, REGARDS, Université de Reims Champagne Ardenne
11:20 - 11:40	> <a href="#"><u>From bioenergy to biorefinery: controversies in the Danish transition towards a fossil free society</u></a> - Michael Jørgensen, Center for Design, Innovation and Sustainable Transition, Department of Development and Planning, Aalborg University - Bente Andersen, Center for Design, Innovation and Sustainable Transition, Department of Development and Planning, Aalborg University
11:40 - 12:00	> <a href="#"><u>Biorefinery Techno-fixes for Resource Constraints?</u></a> - Les Levidow, Open University
12:00 - 12:20	> <a href="#"><u>The continental biorefineries: a civil privatization of the agro-industrial choices?</u></a> - Julie Gobert, Université de Technologie de Troyes
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Sectoral approaches in fighting climate change (Chairperson: Nina Eisenmenger, 301, SUP Building)</b>
11:00 - 11:20	> <a href="#"><u>Adapting institutions for balancing environmental and economic needs in the electricity sector under climate change</u></a> - Klaus Eisenack, Carl von Ossietzky University Oldenburg - Anna Pechan, Carl von Ossietzky University Oldenburg
11:20 - 11:40	> <a href="#"><u>Governance issues in the regulation of greenhouse gas emissions from maritime transport</u></a> - Marjorie Doudnikoff, CETE de l'Ouest 
11:40 - 12:00	> <a href="#"><u>The German energy transition as a regime shift</u></a> - Sebastian Strunz, Helmholtz-centre for environmental research 
12:00 - 12:20	> <a href="#"><u>Social Impacts of CO2 Pipeline Installations</u></a> - Laura O'keefe
<b>11:00 am -12:30 pm</b>	<b>Parallel paper session: Political and institutional aspects of</b>

TIME	EVENT
	<b>agriculture and (un-)sustainability (Chairperson: François Bousquet, 211, SUP Building)</b>
11:00 - 11:20	> <a href="#">The Opportunity Costs of Conserving Pasture Resources for Mobile Pastoralists in the Greater Caucasus</a> -Regina Neudert, Institute of Botany and Landscape Ecology, Greifswald University, Brandenburg Technical University Cottbus
11:20 - 11:40	> Combining Institutional and Technical Innovation to improve the Acceptability of Agri-environmental Measures. The example of territorialized agri-environmental measures in France. - Jean-Pierre Del Corso - Geneviève Nguyen - Charilaos Kephaliacos
11:40 - 12:00	> <a href="#">Analysing the Problem of Cultivated Plant Genetic Resources From the Viewpoint of Critical Institutional Economics</a> - Györgyi Bela, Environmental Social Science Research Group
12:00 - 12:20	> <a href="#">A double benefit of biodiversity in agriculture</a> - Lauriane Mouysset, Department of Land Economy - Cambridge, Economie Publique 
<b>12:30 pm -2:00 pm</b>	<b>Lunch (MACC's Hall &amp; ASCOTEL restaurant)</b>
<b>2:00 pm -3:30 pm</b>	<b>Special session: Biodiversity: valuation, conservation and policy 2 (Chairperson: Per Arild Garnåsjordet, Salle 3, MACC's Building)</b>
14:00 - 14:20	> <a href="#">Carbon storage in boreal forests – economic and environmental policy approaches</a> - Per Arild Garnåsjordet, Statistics Norway
14:20 - 14:40	> <a href="#">Consequences of Uncoordinated Responses to Diffusing Invasive Alien Weed Stocks: a Dynamic Game Analysis</a> - Kristine Grimsrud, Statistics Norway
14:40 - 15:00	> <a href="#">Agricultural policy and landscapes for biodiversity</a> - Ivar Gaasland, Institute for Research in Economics (SNF) and Business Administration /University of Bergen
15:00 - 15:20	> <a href="#">Ethical and political considerations on the commodification of ecosystem services</a> - Erik Gómez-Baggethun, Universitat Autònoma de Barcelona
<b>2:00 pm -3:30 pm</b>	<b>Special Session ESEE/RIODD: Critical analysis of environmental management arrangements 2 (Chairpersons: Eve Chiapello &amp; Maya Leroy, Salle 4, MACC's Building)</b>
14:00 - 14:25	> <a href="#">Differentiating Payment for Ecosystem Services arrangements as a necessary step to discussing their strengths and weaknesses</a> - Tiphaine Leménager? AFD 
14:25 - 14:50	> <a href="#">A management perspective on economic tools for biodiversity</a> - Laurent Mermet, CERSES / AgroParisTech 
14:50 - 15:15	> <a href="#">Evaluation of the FSC Forest Certification Scheme from an Environmental Effectiveness Perspective: Methodological Challenges and Proposals</a> - Stéphane Guéneau, Centre de Coopération Internationale en Recherche Agronomique pour le Développement 
<b>2:00 pm -3:30 pm</b>	<b>Special Session ESEE/RIODD : Environmental externalities, social cost and theory of the firm (Chairpersons: Corinne Gendron, Michel Capron, Auditorium, MACC's Building)</b>
14:00 - 14:20	> <a href="#">Three conceptual tools for CSR - of which only one (externalities) is traditional - and inappropriate</a> - Olivier Favereau, EconomiX
14:20 - 14:40	> <a href="#">Social Responsibilities: From a Stakeholder to a Managerial Theory of the Firm</a> -Blanche Segrestin, Centre de Gestion Scientifique
14:40 - 15:00	> <a href="#">How Karl-William Kapp was received by economists</a> - Bernard Girard,

TIME	EVENT
	<i>Chaire de Responsabilité sociale et de développement durable</i>
15:00 - 15:20	> Une conception procédurale de l'efficacité à partir de l'institutionnalisme de Commons pour une redéfinition collective de l'entreprise et de sa responsabilité environnementale. - Gaetan Saout, Centre lillois d'études et de recherches sociologiques et économiques
<b>2:00 pm -3:30 pm</b>	<b>Special session ESEE/RIODD - Finance and sustainability : financial debt vs ecological debt (Chairperson: Roland Perez, 303, SUP Building)</b>
14:10 - 14:30	> <a href="#">Carbon Finance or the price-value myth caught in the act of ineffectiveness</a> - Eric Fimbel E., CNAM - Catherine KARYOTIS, CNAM
14:30 - 14:50	> <a href="#">Portfolio Management : Is there a difference between SRI and Conventional Investment ?</a> - Christophe Revelli, Euromed management
14:50 - 15:10	> <a href="#">Neither Internal, Nor External: Understanding Corporate Governance Failures in the Financial Sector</a> - William Sun, Leeds Metropolitan University
15:10 - 15:30	> <a href="#">The development of bio-agriculture in the Candidate Countries between challenges and opportunities. Results of a survey on the situation in Serbia</a> - Maura La Torre, Università degli Studi 'G. d'Annunzio' Chieti e Pescara, Università LUM Jean Monnet - Marija Nikolic, Università LUM Jean Monnet 
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Resilience, Vulnerability and Adaptation (Chairperson: Jérôme Ballet, 302, SUP Building)</b>
14:00 - 14:15	> <a href="#">Integrating the role of participatory action research and governance into resilience and socio-ecological assessment</a> - Charlotte Da Cunha, REEDS/OVSQ
14:15 - 14:30	> <a href="#">Stakeholders' cognitive pathways and Decision Support System for resilience : case study of a FP7-Theseus's project.</a> - Idrissa Kane, Université de Versailles saint quentin en yvelines, Laboratoire REEDS/UVSQ/OVSQ
14:30 - 14:45	> <a href="#">Portfolio of resilience options: Operating framework of application of resilience principles to the coastal risk management, case of study: the Gironde estuary</a> - Nabil Touili
14:45 - 15:00	> <a href="#">The Pivotal Role of Exposure in Shaping the Vulnerability and Resilience of SMEs: Theoretical Linkages and Empirical Findings</a> - Paola Hernandez Montes de Oca, School of Earth and Environment [Leeds]
15:00 - 15:15	> <a href="#">Resilience and adaptation of urban systems to cope with and to respond to climate change adverse effects</a> - Béatrice Quenault, Université Rennes 2 
<b>2:00 pm -3:30 pm</b>	<b>Special session - Institutional analysis of Ecosystem Services in Developing countries 2 (Chairperson: Philippe Mérat, Salle 2, MACC's Building)</b>
14:00 - 14:20	> <a href="#">Costa Rican Payment for Environmental Services: Between international and national influence, a feedback analysis</a> - Denis Pesche, UMR ART-Dev - Jean-Francois Le Coq, UNA - CINPE, UMR ART-Dev
14:20 - 14:40	> <a href="#">Development of ecosystem-services-based policy tools in Cambodia</a> - Colas Chervier, Centre International de Recherche Agronomique pour le Développement - Malyne Neang, Institut national de recherche en sciences et technologies pour l'environnement et l'agriculture, Royal University of Agriculture of Cambodia; Asikin Yoeu, Royal University of Agriculture of Cambodia
14:40 - 15:00	> <a href="#">Can payments for environmental services be used to reduce local vulnerability?</a> - Géraldine Frogier, CEMOTEV, UVSQ; Pierre-Alexandre Maiziére, CEMOTEV, UVSQ

TIME	EVENT
15:00 - 15:20	> <a href="#">Environmental services and market coordination: the role of local intermediary organizations in the program of Payment for Environmental Services in Costa Rica</a> - Jean-Francois Le Coq, UNA - CINPE, UMR ART-Dev; Fernando Saenz-Segura, UNA/CINPE
<b>2:00 pm -3:30 pm</b>	<b>Special session: Sustainable land care (Chairperson: Brynhildur Davíðsdóttir, 1, SUP Building)</b>
14:00 - 14:30	> <a href="#">Ecosystem Service Frameworks, Where Do Soils Fit In?</a> - David Robinson, NERC – Centre for Ecology and Hydrology, ECW, Wales
14:30 - 15:00	> <a href="#">Indicators for soil sustainability</a> - Brynhildur Davidsdottir, University of Iceland
15:00 - 15:30	> <a href="#">An ecosystem services approach to the evaluation of soil conservation policy in New Zealand hill country pastures.</a> - Estelle Dominati, AgResearch 
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session : Commons, Common pool-resources, Common property 2 (Chairperson: Simone D'alessandro, 8, SUP Building)</b>
14:00 - 14:15	> <a href="#">Institutional dynamics in managing common pool resources: community-based shrimp aquaculture in the northwestern Sri Lanka</a> - Eranga Galappaththi, Natural Resources Institute , University of Manitoba
14:15 - 14:30	> <a href="#">Urban solid waste in southern countries: from a blurred object to common pool resources</a> - Jérémie Cavé, Laboratoire Techniques, Territoires et Sociétés 
14:30 - 14:45	> <a href="#">The prospects of using community land title deeds (CLTDs) to counteract land grabbing and to promote sustainable agriculture in Thailand</a> - Prapimphan Chiengkul, Politics and International Studies, University of Warwick 
14:45 - 15:00	> <a href="#">The transmission of sustainable harvesting norms when agents are conditionally cooperative</a> - Andries Richter, CEEES, University of Oslo 
15:00 - 15:15	> <a href="#">Water Banks and Drought Management in Andalusia (Spain)</a> - María Beltrán, Water and Environmental Development Organization. Friends of the Earth Middle East. 
<b>2:00 pm -3:30 pm</b>	<b>Special session - Sustainability Transitions, Doubly Green Chemistry and Biorefinery 2 (Chairperson: Martino Nieddu, Salle 1, MACC's Building)</b>
14:00 - 14:20	> <a href="#">Biorefinery concept and ecosystem services of a territory: an exploration within an agricultural region</a> -Natalia Sirina 
14:20 - 14:40	> <a href="#">Do we need a unified appraisal framework to synthesize biofuel impacts?</a> - Alexandros Gasparatos, Biodiversity Institute, Oxford University
14:40 - 15:00	> <a href="#">What if Science follows Policies?</a> - Benoît Chèze, IFPEN, Economix
15:00 - 15:20	> <a href="#">Economic analyze integration to Life Cycle Assessment: agricultural case from Turkey</a> - Nisa Mencet Yelboga, Doctor 
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session : Science-policy interface (Chairperson: Andrew Stirling, 103, SUP Building)</b>
14:00 - 14:20	> <a href="#">Act when the window of opportunity is open: Enhancing time-sensitive connectivity between research and policy-making in sustainable development</a> - Janne Hukkinen, University of Helsinki 
14:20 - 14:40	> <a href="#">Viral Agency in Heterogenous Assemblages: An interdisciplinary</a> 

TIME	EVENT
	<a href="#">reframing of the challenge to regulate endocrine disrupting chemicals in wastewater</a> - Nina Honkela, University of Helsinki
14:40 - 15:00	> <a href="#">Comparing the sustainability of the 27 European Countries. A robustness approach</a> - Tommaso Luzzati, Dipartimento di Economia e Management 
15:00 - 15:20	> <a href="#">Addressing the Temporal Fit of Institutions: An Illustration of the Governance of Endocrine-Disrupting Chemicals</a> - Johan Munck af Rosenschöld, University of Helsinki 
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Work and the (de)growth paradigms (Chairperson: Muriel Maillefert, 211, SUP Building)</b>
14:00 - 14:20	> <a href="#">Avoiding unemployment under the growth dilemma: a short review of relevant economic literature</a> - João Bernardino, Instituto Superior de Economia e Gestão - Universidade Técnica de Lisboa 
14:20 - 14:40	> <a href="#">Sustainability and making a living - greenness in working life context</a> - Tiina Schmidt, Aalto University School of Business, Department of Management and International Business - Kristoffer Wilen, Hanken School of Economics 
14:40 - 15:00	> <a href="#">Friday off - the case for reducing work hours in Europe</a> - Giorgos Kallis, ICTA-UAB 
15:00 - 15:20	> <a href="#">Green jobs: what are they, and how many?</a> - Andrew Mearman, University of the West of England, Bristol 
<b>2:00 pm -3:30 pm</b>	<b>Parallel paper session: Towards a Socio-Ecological Transition 2 (Chairperson: Andrew Dobson, 301, SUP Building)</b>
14:00 - 14:15	> <a href="#">Grassroots innovations in context: lessons in transition governance from two Belgian case studies</a> - Ariane Debourdeau, Université Libre de Bruxelles, Laboratoire interdisciplinaire des énergies de demain - Tom Bauler, Université Libre de Bruxelles 
14:15 - 14:30	> <a href="#">Grow-your-own Green Money: Grassroots Currencies and Sustainable Development</a> - Gill Seyfang, School of Environmental Sciences - Noel Longhurst, School of Environmental Sciences 
14:30 - 14:45	> <a href="#">Do many small rivers can make a big river? or how local initiatives are contributing to the foundation of a new conventional regime</a> - Nicolas Buclet, Politiques publiques, ACtion politique, TERRitoires 
14:45 - 15:00	> <a href="#">Viable local societies enlightened by ecological economics.</a> - Are Ingulfsvann, Bodø Graduate School of Business, Nordland University - Ove Jakobsen, Bodø Graduate School of Business, Nordland University - Øystein Nystad, Bodø Graduate School of Business, Nordland University 
15:00 - 15:15	> <a href="#">The sovereign debt crisis : a new challenge in the socio ecological transition</a> - Nicolas Lancesseur, Ecole Economie de Paris 
<b>2:00 pm -3:30 pm</b>	<b>Special session - Exploring the role of habitual practices, social norms and peers in (un)sustainable consumption behaviours: theory, evidence and policy (Chairperson: Kevin Maréchal, 208, SUP Building)</b>
14:00 - 14:20	> <a href="#">Social norms and consumer's green behaviour: theory and evidence from France</a> - Ali Douai, Groupe de Recherche en Droit, Economie et Gestion - Nathalie Lazaric, Groupe de Recherche en Droit, Economie et Gestion - Vanessa Oltra, Groupe de recherche en économie théorique et appliquée 
14:20 - 14:40	> <a href="#">'Habitual Practice' and household energy consumption: opening the black-box through discussing people's relationship with their homes</a> - Kevin Maréchal, Centre d'Etudes Economiques et Sociales de l'Environnement - Université Libre de Bruxelles - Laurence Holzemer, Centre d'Etudes Economiques et Sociales de l'Environnement - Université Libre de Bruxelles 

TIME	EVENT
14:40 - 15:00	> <a href="#">Initial Effects of a Community-Based Energy Saving Initiative: a Field Experiment</a> - Nicholas Bardsley, School of Agriculture Policy and Development, University of Reading 
15:00 - 15:20	> <a href="#">Do community currencies enhance sustainable quality of life?</a> - Mirjam Mock, Sustainable Europe Research Institute - Daniela Fuchs, Sustainable Europe Research Institute - Ines Omann, Sustainable Europe Research Institute - Felix Rauschmayer, Helmholtz Centre for Environmental Research
<b>3:30 pm -4:00 pm</b>	<b>Coffee break (MACC's Hall)</b>
<b>4:00 pm -5:30 pm</b>	<b>Special Session ESEE/RIODD: Critical analysis of environmental management arrangements 3 (Chairpersons: Eve Chiapello &amp; Maya Leroy, Salle 4, MACC's Building)</b>
16:00 - 16:25	> <a href="#">Agri-environmental designs: failure of substantive efficiency appeals for procedural effectiveness</a> - Patrick Steyaert, INRA Sciences en Société; Marc Barbier, INRA Sciences en Société
16:25 - 16:50	> <a href="#">Why governing the marine Natura 2000 network is different from governing the inland one. First results from an institutional analysis.</a> - Michel Duhalde, AMURE-Centre de droit et d'économie de la mer, Ecole des Ponts ParisTech 
16:50 - 17:15	> <a href="#">The Moroccan Aqdal as an archetype of Community Based Natural Resources Management system. Contributions and limits of a "new institutionalist" perspective on environmental management.</a> - Pierre-Marie Aubert, AgroParisTech
<b>4:00 pm -5:30 pm</b>	<b>Parallel paper session: Energy transition, governance and policies (Chairperson: Janne Hukkinen, 1, SUP Building)</b>
16:00 - 16:15	> <a href="#">CO2, energy and GDP per capita: a reassessment of the EKC</a> - Tommaso Luzzati, Dipartimento di Economia e Management 
16:15 - 16:30	> <a href="#">Residential Energy Consumption across Europe: The Effect of Policy within a Dynamic Panel Approach</a> - Erdal Aydin, Department of Economics 
16:30 - 16:45	> <a href="#">Sustainable bioenergy: UK drivers of innovation priorities</a> - Les Levidow, Open University
16:45 - 17:00	> <a href="#">Smart meters as an opportunity to motivate households for energy savings? Designing innovative policy instruments based on the coupling of smart meters and non-financial incentives</a> - Hélène Joachain, Université Libre de Bruxelles
17:00 - 17:15	> <a href="#">Debate over Renewable Energy in Rio+20 – Role of Energy Sector in UN Negotiations on Sustainable Development</a> - Maarit Laihonen, Aalto University School of Business - Elena Kiryushkina, National Research University Higher School of Economics 
<b>4:00 pm -5:30 pm</b>	<b>Special session - Institutional analysis of Ecosystem Services in Developing countries 3 (Chairperson: Roldan Muradian, Salle 2, MACC's Building)</b>
16:00 - 16:20	> <a href="#">Fire risk and smallholders in the Brazilian Amazon: use of a role playing game to conceive incentives for forest conservation</a> - Emilie Coudel, CIRAD-UR Green, Embrapa Amazonia Oriental
16:20 - 16:40	> <a href="#">Funding reforestation with Payments for Ecosystem Services in Indonesia: Does it trigger institutional innovation?</a> - Renaud Lapeyre, Institut du Développement Durable et des Relations Internationales - Romain Pirard, Institut du Développement Durable et des Relations Internationales 
16:40 - 17:00	> <a href="#">Fences and property: participation dynamics and institutional change in</a> 

TIME	EVENT
	<p><a href="#">carbon forestry</a> - Cary Hendrickson, Università di Roma; Esteve Corbera, UAB-ICTA</p>
17:00 - 17:20	<p>&gt; <a href="#">Willingness of small farmers to make a transition out of deforestation and implications for REDD projects: insight from São Felix do Xingu (state of Pará, Brazil)</a> - Cécile Schneider, Science Po Paris</p>
<b>4:00 pm -5:30 pm</b>	<p><b>Parallel paper session: Wetlands and governance (Chairperson: Valérie Deldrèvre, 8, SUP Building)</b></p>
16:00 - 16:25	<p>&gt; <a href="#">Analysis of a National Programme for Wetland Rehabilitation in South Africa: Lessons for Environment and Development policies</a> - Aiora Zabala, Department of Land Economy, University of Cambridge </p>
16:25 - 16:50	<p>&gt; <a href="#">Role of Institutions in Governance of Urban Wetlands in Kolkata, India</a> - Sumana Bandyopadhyay, Department of Geography, University of Calcutta</p>
16:50 - 17:15	<p>&gt; <a href="#">Reconciling livelihoods with ecosystem integrity in Ga-Mampa wetland, South Africa</a> - Sylvie Morardet, Gestion de l'Eau, Acteurs et Usages </p>
<b>4:00 pm -5:30 pm</b>	<p><b>Special session - Sustainability Transitions, Doubly Green Chemistry and Biorefinery 3 (Chairperson: Martino Nieddu, Salle 1, MACC's Building)</b></p>
16:00 - 16:20	<p>&gt; <a href="#">Which analytical framework to analyse territorial anchorage of the productive activity based on forestry biomass?</a> - Clarisse Cazals, ADBX, UR ADBX - Arnaud Sergent, UR ADBX</p>
16:20 - 16:40	<p>&gt; <a href="#">Green chemistry, its eco-concepts and its practices: A dialogue between science and philosophy</a> - Jean-Pierre Llored, Centre de recherche en épistémologie appliquée</p>
16:40 - 17:00	<p>&gt; <a href="#">Towards a dominant design for the sustainable chemistry? The analyze of the relationships between green chemistry and doubly green chemistry for academic research and industrial innovation</a> - Romain Debref, Laboratoire REGARDS (EA 6292) </p>
17:00 - 17:20	<p>&gt; <a href="#">How to build the filieres of the Doubly Green Chemistry? The variety of strategies of involved firms</a> - Béfort Nicolas, REGARDS </p>
<b>4:00 pm -5:30 pm</b>	<p><b>Special session ESEE/RIODD: Corporate Social Responsibility, Environmental Innovation and Firm Performances (Chairperson: Virgile Chassagnon, Salle 3, MACC's Building)</b></p>
16:00 - 16:15	<p>&gt; <a href="#">Environmental Innovation and Technological Leadership: A Firm-Level Empirical Analysis</a> - Virgile Chassagnon, ESDES School of Management - Catholic University of Lyon, GREDEG</p>
16:15 - 16:30	<p>&gt; <a href="#">Do socially responsible firms implement green innovations? An empirical study based on surveys</a> - Christian Le Bas, GATE, Lyon St Etienne - CNRS - University of Lyon CNRS UMR 5824 - NICOLAS POUSSING, CEPS/INSTEAD - CREM</p>
16:30 - 16:45	<p>&gt; <a href="#">Policy design, eco-innovation and industrial dynamics in an agent-based model: an illustration with the REACH regulation</a> - Nabila Arfaoui, Groupe de Recherche en Droit, Economie et Gestion </p>
16:45 - 17:00	<p>&gt; <a href="#">The intensity of the firm's eco-innovative performance</a> - Danielle Galliano, Institut National de Recherche Agronomique - Centre de Toulouse - Simon Nadel, Université de Toulouse 1 - Luis Orozco, Université Toulouse 1</p>
17:00 - 17:15	<p>&gt; <a href="#">Consumer's perceptions on environmental and social communication: the case of organic and fair trade products.</a> - Jacqueline Martinez Boysselle, Montpellier Recherche en Management </p>

*Thursday, June 20, 2013*

TIME	EVENT
<b>4:00 pm -5:30 pm</b>	<b>Roundtable: The institutionalization of ecological economics – cross-continental dialogue (Moderator: Tom Bauler, Auditorium, MACC's Building)</b>
16:00 - 17:30	> <a href="#"><u>The institutionalization of Ecological Economics – cross-continental dialogue</u></a> - Tom Bauler, Université Libre de Bruxelles (ULB) - Inge Røpke, Aalborg University Copenhagen - Clive Spash, Department of Socio-Economics, WU Vienna University of Economics and Business - Richard B. Howarth, Environmental Studies Program - Dartmouth College
<b>5:30 pm -6:45 pm</b>	<b>ESEE General Meeting (Chairperson: Irene Ring, Auditorium, MACC's Building)</b>
<b>7:00 pm -7:30 pm</b>	<b>Transport by bus to the museums – Appointment at 6:50 pm for a Departure at 7:00 pm, in front of MACC's building, Villeneuve d'Ascq</b>
<b>7:30 pm -9:00 pm</b>	<b>Optional visit (only on registration) of the Museum "La piscine" (Roubaix)</b>
<b>7:30 pm -9:00 pm</b>	<b>Optional visit (only on registration) of the Museum "Palais des Beaux Arts" (Lille)</b>

# Friday, June 21, 2013

TIME	EVENT
<b>9:00 am -10:30 am</b>	<b>Plenary Session 3: Redefining Prosperity (Chairperson: Roldan Muradian, Auditorium, MACC's Building)</b>
09:00 - 09:45	> <a href="#">Redefining progress and prosperity: with which indicators?</a> - Florence Jany-Catrice, Centre lillois d'études et de recherches sociologiques et économiques
09:45 - 10:30	> <a href="#">Prosperity and equity in the 'green economy'</a> - Tim Jackson, University of Surrey
<b>10:30 am -10:45 am</b>	<b>Coffee break (MACC's Hall)</b>
<b>10:45 am -12:15 pm</b>	<b>Special session - Conceptualizing and operationalizing the policy mix for low carbon innovations (Chairpersons: Karoline Rogge, Salle 1, MACC's Building)</b>
10:45 - 11:00	> <a href="#">Towards a comprehensive conceptualization of the policy mix: the case of renewable power generation technologies</a> - Karoline Rogge, Fraunhofer Institute for Systems and Innovation Research, Competence Center Energy Policy and Energy Markets, Karlsruhe, Germany 
11:00 - 11:15	> <a href="#">The 'policy mix' for sustainable urban development: Lessons from the city district Hammarby Sjöstad in Stockholm</a> - Arian Mahzouni, Institute of Environmental Social Sciences and Geography, Royal Institute of Technology 
11:15 - 11:30	> <a href="#">How to Identify a Successful Policy Mix for a Resource-Efficient Europe</a> - Bettina Bahn-Walkowiak, Wuppertal Institute for Climate, Environment, Energy 
11:30 - 11:45	> <a href="#">Environmental policy implementation as a legal battlefield: The changing role of street-level bureaucrats in Europe</a> - Judit Pump, Environmental Social Science Research Group 
11:45 - 12:00	> <a href="#">Re-Thinking Consistency and Coherence in Policy Design: Intentionality and Non-Intentionality in the Creation of Policy Mixes</a> - Michael Howlett, Simon Fraser University - Jeremy Rayner, University of Saskatchewan
<b>10:45 am -12:15 pm</b>	<b>Special session - Macroeconomics of degrowth: indicators, scenarios and institutions (Chairperson: Filka Sekulova, 208, SUP Building)</b>
10:45 - 11:05	> <a href="#">Sustainability transitions in the perspective of ecological macroeconomics</a> - Inge Røpke, Aalborg University Copenhagen 
11:05 - 11:25	> <a href="#">Transition to sustainability: Scenarios towards a low-carbon economy</a> - Simone D'Alessandro, Department of Economics, University of Pisa; Giovanni Bernardo, New Economics Foundation & University of Pisa 
11:25 - 11:45	> <a href="#">How close are countries to a socially sustainable steady-state economy? Results from the Degrowth Accounts</a> - Daniel O'Neill, University of Leeds 
11:45 - 12:05	> <a href="#">The implications of a multi-dimensional degrowth for happiness</a> - Filka Sekulova, ICTA, Universitat Autònoma de Barcelona, Research & Degrowth
<b>10:45 am -12:15 pm</b>	<b>Special session - Transdisciplinary Research : Challenges and Opportunities for a Social-Ecological Biodiversity Research (Chairpersons: Marion Mehring, Alexandra Lux, Salle 3, MACC's Building)</b>
10:50 - 11:10	> <a href="#">The ecosystem services approach as an interdisciplinary research framework</a> - Lasse Loft, Biodiversity Climate Research Centre
11:10 - 11:30	> <a href="#">Transdisciplinarity as a Research Practice to Approach Biodiversity - a Social-Ecological Perspective</a> -Alexandra Lux, Institute for Social-Ecological

TIME	EVENT
	Research, Biodiversity and Climate Research Centre
11:30 - 11:50	> <a href="#">Integrated assessment of economic tools for conservation management: A transdisciplinary research approach?</a> - Julian Rode, Helmholtz Centre for Environmental Research
11:50 - 12:10	> <a href="#">Reframing resources and public goods: an integrative approach to natural resources security at regional scale</a> - Ioan Negruțiu, École normale supérieure de Lyon
<b>10:45 am -12:15 pm</b>	<b>Special session ESEE/RIODD - Corporate social responsibility in the South : institutional dynamics and specificities (Chairperson: Bruno Boidin, 8, SUP Building)</b>
10:45 - 11:10	> <a href="#">Is corporate social responsibility compatible with institutional designs of Southern countries ? The case of Senegal</a> - Bruno Boidin, Centre Lillois d'études et de recherches sociologiques et économiques
11:10 - 11:35	> <a href="#">Sustainable corporate strategies: bridging the gap between the triple bottom line and value-based management</a> - Annelise Caridade, Universidade de São Paulo
11:35 - 12:00	> <a href="#">Can Corporate Social Responsibility smooth the transition of the labour regime in the Chinese industry?</a> - Clément Séhier, Centre Lillois d'Etudes et de Recherches Sociologiques et Economiques
<b>10:45 am -12:15 pm</b>	<b>Parallel paper session: Sustainability and towns (Chairperson: Béatrice Quenault, 211, SUP Building)</b>
10:45 - 11:15	> <a href="#">Sustainable long-term perspective of local development: Which drivers for small and medium-sized towns?</a> - Abdelillah Hamdouch, CITERES CNRS Research Unit (UMR 7324)
11:15 - 11:45	> <a href="#">Socio-ecological trajectories: the urban dimension. Paris, 18th-20th centuries</a> - Sabine Barles, UMR Géographie-Cités 8504
11:45 - 12:15	> <a href="#">The Value of the Ecosystem Services in Greater Montreal (Quebec)</a> - Jérôme Dupras, Département de géographie, Université de Montréal - Jean-Pierre Revéret, Département de stratégie, responsabilité sociale et environnementale, École des Sciences de la gestion, Université du Québec à Montréal
<b>10:45 am -12:15 pm</b>	<b>Parallel paper session: Property regimes, resources and institutions (Chairperson: Iratxe Calvo-Mendieta, Auditorium, MACC's Building)</b>
10:45 - 11:00	> <a href="#">Property Rights Regimes in Complex Fishery Management Systems: A case of the Tonle Sap wetlands, Cambodia</a> - Yingluk Kanchanaroek, School of Earth and Environment [Leeds]
11:00 - 11:15	> <a href="#">Perceptions on Natural Resource Availability and Adaptations of Property Rights Institutions: Evidence from a Natural Experiment</a> - Katrin Daedlow, Humboldt-Universität zu Berlin
11:15 - 11:30	> <a href="#">Evolution of the forest management in the Brazilian Amazon: A regulationist approach</a> - Louise Briec, Centre Lillois d'Etudes de de Recherches Sociologiques et Economiques
11:30 - 11:45	> <a href="#">Quality regimes and property regimes: a framework for understanding/ assessing geographical indications sustainability implications</a> - Gilles Allaire, INRA US-ODR - Estelle Biénabe, CIRAD DRD RS
11:45 - 12:00	> <a href="#">Defining cost-effective strategies for off-reserve conservation actions in human-dominated landscapes</a> - Noelia Zafra Calvo, United Nations University Institute of Advanced Studies
<b>10:45 am -12:15 pm</b>	<b>Parallel paper session: Social Ecological Transition 2 (Chairperson:</b>

TIME	EVENT
<b>Nuno Videira, 301, SUP Building)</b>	
10:45 - 11:05	> <a href="#">Pathways to Sustainable Living - Integrating individual and structural approaches for sustainability transitions</a> - Felix Rauschmayer, UFZ - Helmholtz Centre for Environmental Research 
11:05 - 11:25	> <a href="#">Découplage entre croissance économique et impact environnemental: une analyse régulationniste</a> - Mamoudou Camara, Centre Iillois d'études et de recherches sociologiques et économiques 
11:25 - 11:45	> <a href="#">The use of technology within the context of degrowth – enabling potentials of technologies</a> - Linda Nierling, Institute of Technology Assessment and Systems Analysis, Karlsruhe Institute of Technology 
11:45 - 12:05	> <a href="#">Modern anthropology in a lock-in situation</a> - Fabrice Flipo, TELECOM & Management SudParis 
<b>10:45 am -12:15 pm</b>	<b>Parallel paper session: Valuation of Ecosystem services 2 (Chairperson: Valérie Boisvert, 302, SUP Building)</b>
10:45 - 11:05	> <a href="#">Quantifying regulating ecosystem services provided by urban forests in Barcelona, Spain</a> - Erik Gómez-Bagethun, Universitat Autònoma de Barcelona 
11:05 - 11:25	> <a href="#">Income inequality and willingness to pay for ecosystem services</a> - Jasper Meya, School of GeoScience, University of Edinburgh 
11:25 - 11:45	> <a href="#">Land use change as a determinant of the European agricultural vulnerability confronted with pollinator decline</a> - Nicola Gallai, Laboratoire d'Etude et de Recherche sur l'Economie, les Politiques et les Systèmes sociaux - Jean-Michel Salles, LAMETA (UMR) 
11:45 - 12:05	> <a href="#">Looking beyond academic applications of environmental valuation: What practical uses of economic valuation in decision-making processes? The case of marine environment.</a> - Oceane Marcone, Unité d'Economie Maritime 
<b>10:45 am -12:15 pm</b>	<b>Parallel paper session: Corporate Social Responsibility and institutions 1 (Chairperson: Corinne Gendron, Salle 4, MACC's Building)</b>
10:45 - 11:10	> <a href="#">The Systematic Institutional Approach as a New Cognitive Frame in the Study of the Corporation</a> - Dmitri Pletnev, Chelyabinsk State University 
11:10 - 11:35	> <a href="#">Extended Exporter's Responsibility for waste management of durable goods</a> - Maarten Dubois, KU Leuven, Policy Research Centre for Sustainable Materials, HUBrussels, Centre for Economics and Corporate Sustainability 
11:35 - 12:00	> <a href="#">What is the rationality behind a mass certification process? The case of the Rainforest Alliance in the Ivorian cocoa sector</a> - Sylvaine Lemeilleur, Centre de Coopération Internationale de Recherche Agronomique pour le Développement 
<b>10:45 am -12:15 pm</b>	<b>Special session - Market-based instruments, biodiversity values and institutional dynamics: How to compensate for the loss of nature? Lessons from theory to practical applications (Chairpersons: Coralie Calvet, Harold Levrel, Laura Centemeri, 303, SUP Building)</b>
10:45 - 11:00	> <a href="#">An economic perspective on biodiversity offsetting: meaning and limits of the biobanking mechanism</a> - Coralie Calvet, Laboratoire Montpellierain d'économie théorique et appliquée, Unité de recherche d'Écodéveloppement 
11:00 - 11:15	> <a href="#">Achieving no net loss? Biodiversity offsets and habitat banking in France</a> - Fabien Quétier, Biotope 
11:15 - 11:30	> <a href="#">Environmental compensations and the problem of "constitutive incommensurability": a sociological analysis.</a> - Laura Centemeri, Laboratoire 

TIME	EVENT
	<p>méditerranéen de sociologie</p>
11:30 - 11:45	<p>&gt; <a href="#">Mitigation banking for permitted losses of aquatic ecosystems in Florida, USA. A Strategic and Institutional Analysis</a> - Anne-Charlotte Vaissière, Institut Français de Recherche pour l'Exploitation de la Mer </p>
11:45 - 12:00	<p>&gt; <a href="#">Markets or Payments? Towards a better discrimination between institutional arrangements for biodiversity compensation</a> - Renaud Lapeyre, Institut du Développement Durable et des Relations Internationales </p>
<b>10:45 am -12:15 pm</b>	<p><b>Special session - Environmental Justice struggles at the commodity frontiers (Chairpersons: Beatriz Rodríguez-Labajos, Mariana Walter, Joan Martínez-Alier, Salle 2, MACC's Building)</b></p>
10:45 - 11:05	<p>&gt; <a href="#">Towards a better understanding of environmental conflicts in Turkey: A mapping exercise</a> - Begüm Özkaynak, Boğaziçi University</p>
11:05 - 11:25	<p>&gt; <a href="#">Social metabolism and Resource extraction conflicts in Madagascar</a> - Vahinala Raharinirina, REEDS, Université de Versailles Saint-Quentin-en-Yvelines</p>
11:25 - 11:45	<p>&gt; <a href="#">Ecological debt through the eyes of social metabolism: the impact of a regional economy on the global environment</a> - Eneko Garmendia, Basque Centre for Climate Change and EKOPOL</p>
11:45 - 12:05	<p>&gt; <a href="#">The Paradox of Depoliticization – Hydropower and the Opening of New Political Spaces in the Eastern Himalayas</a> - Amelie Huber, ICTA, Universitat Autònoma de Barcelona </p>
<b>10:45 am -12:15 pm</b>	<p><b>Special session - Transborder Water Resources Governance and Riparian Areas: Theories, Methods and Applications (Chairperson: Olivier Petit, 1, SUP Building)</b></p>
10:45 - 11:05	<p>&gt; <a href="#">International environmental regimes Critical analysis and avenues for future researches</a> - Olivier Petit, Centre lillois d'études et de recherches sociologiques et économiques</p>
11:05 - 11:25	<p>&gt; <a href="#">An International Water Regime? The case of the river Scheldt</a> - Carmen Maganda, Laboratoire de sciences politiques - Muriel Maillefert, Clersé - Olivier Petit, Centre lillois d'études et de recherches sociologiques et économiques - Gael Plumecocq, Institut National de la Recherche Agronomique</p>
11:25 - 11:45	<p>&gt; <a href="#">Transboundary Ecosystem Services identification and assessment : Preliminary results of field studies on the Scheldt (France, Belgium, The Netherlands)</a> - Muriel Maillefert, Clersé - Olivier Petit, Centre lillois d'études et de recherches sociologiques et économiques - Jeroen Warner, Wageningen university</p>
11:45 - 12:05	<p>&gt; <a href="#">Trans-boundary Spatial Subsidies in Ecosystem Services: Bi-Natoinal Incentive Mechanisms for the Colorado River Delta</a> - Ruscena Wiederholt, University of Arizona </p>
<b>12:15 pm -1:15 pm</b>	<p><b>Lunch (MACC's Hall &amp; ASCOTEL Restaurant)</b></p>
<b>1:15 pm -2:45 pm</b>	<p><b>Special session - A Glace at the Epistemic Sharing of Ecological Economics: Bibliometric Analyses of the Scientific Publications (Chairperson: Gael Plumecocq, Salle 1, MACC's Building)</b></p>
13:15 - 13:35	<p>&gt; <a href="#">Analysing the Patterns of collaboration in „Ecological Economics“ by Means of Social Network Analysis (SNA)</a> - Leo Capari, University of Vienna Department of Anthropology Human Ecology Research - Group - Harald Wilfing, University of Vienna Department of Anthropology Human Ecology Research - Group </p>
13:35 - 13:55	<p>&gt; <a href="#">Ecological economics: transdisciplinarity in question. A social network analysis of co-publications</a> - Rachel Levy, Laboratoire d'Etude et de Recherche sur l'Economie, les Politiques et les Systèmes sociaux - Gael Plumecocq, Institut</p>

TIME	EVENT
	<i>National de la Recherche Agronomique</i> <ul style="list-style-type: none"> <li>&gt; <a href="#">Ecological economics and the role of participation within Ecological Economics – a comparison via network analysis of keywords</a> - Ulrike Bechtold, Institute of Technology Assessment, Austrian Academy of Sciences, - Leo Capari, University of Vienna Department of Anthropology Human Ecology Research - Group - Karen Kastenhofer, Institute of Technology Assessment, Austrian Academy of Sciences, - Harald Wilfing, University of Vienna Department of Anthropology Human Ecology Research - Group</li> </ul>
13:55 - 14:15	<ul style="list-style-type: none"> <li>&gt; <a href="#">The second generation of Ecological Economics: how far has the apple fallen from the tree?</a> - Gael Plumecocq, Institut National de la Recherche Agronomique</li> </ul>
<b>1:15 pm -2:45 pm</b>	<b>Special Session : Building coherent degrowth proposals (Chairperson: Filka Sekulova, Salle 2, MACC's Building)</b>
13:15 - 13:40	<ul style="list-style-type: none"> <li>&gt; <a href="#">Exploring coherence between degrowth proposals: a systems thinking analysis</a> - Nuno Videira, Center for Environmental and Sustainability Research, Faculty of Sciences and Technology, New University of Lisbon</li> </ul>
<b>1:15 pm -2:45 pm</b>	<b>Parallel paper session: Integrated Assessments, Multi-criteria Analysis and Post-Normal Science (Chairperson: Clive Spash, Auditorium, MACC's Building)</b>
13:15 - 13:40	<ul style="list-style-type: none"> <li>&gt; <a href="#">Participatory Multi-Criteria Assessment as 'Opening Up' vs. 'Closing Down' of Policy Discourses: A Case of Old-Growth Forest Conflict in Finnish Upper Lapland</a> - Heli Saarikoski, Finnish Environment Institute, Environmental Policy Centre</li> </ul>
13:40 - 14:05	<ul style="list-style-type: none"> <li>&gt; <a href="#">Deliberating Beyond Evidence: Lessons from Integrated Assessment Modeling</a> - Elisa Vecchione</li> </ul>
14:05 - 14:30	<ul style="list-style-type: none"> <li>&gt; <a href="#">Liberation Methodology: reflecting on performances of post-normal science</a> - Katharine Farrell, L'Institut de Ciència i Tecnologia Ambientals</li> </ul>
<b>1:15 pm -2:45 pm</b>	<b>Parallel paper session: Sustainable Consumption (Chairperson: Tom Bauer, 211, SUP Building)</b>
13:15 - 13:35	<ul style="list-style-type: none"> <li>&gt; <a href="#">Sustainable Consumption in Capability Perspective: An Empirical Analysis</a> - Ortrud Lessmann, Helmut Schmidt University - Torsten Masson, Helmholtz Centre for Environmental Research</li> </ul>
13:35 - 13:55	<ul style="list-style-type: none"> <li>&gt; <a href="#">Time-use survey data and new metrics of household consumption</a> - Mikko Jalas, Aalto University School of Economics - Jouni Juntunen, Aalto University School of Economics</li> </ul>
13:55 - 14:15	<ul style="list-style-type: none"> <li>&gt; <a href="#">Heterogeneity in the solar powered consumer electronics market: A discrete choice experiments study</a> -Sebastien Lizin, Hasselt University</li> </ul>
14:15 - 14:35	<ul style="list-style-type: none"> <li>&gt; <a href="#">A Poor Man's Version of Green Consumerism: Understanding Strong Sustainable Consumption Mindsets and Behaviours</a> - Kristoffer Wilen, Hanken School of Economics - Jaana Eskola, University of Tampere</li> </ul>
<b>1:15 pm -2:45 pm</b>	<b>Special session : Biodiversity within the green economy (Chairperson: Alexandros Gasparatos, Salle 3; MACC's Building)</b>
13:15 - 13:35	<ul style="list-style-type: none"> <li>&gt; <a href="#">Biodiversity within the green economy: Identifying current knowledge gaps</a> - Alexandros Gasparatos, Biodiversity Institute, Oxford University</li> </ul>
13:35 - 13:55	<ul style="list-style-type: none"> <li>&gt; <a href="#">From bioprospecting to payment for ecosystem services: market and conservation in the economy of promises.</a> - Jean Foyer, Institut des Sciences de la Communication du CNRS - Valérie Boisvert, Institut de Géographie et Durabilité</li> </ul>
13:55 - 14:15	<ul style="list-style-type: none"> <li>&gt; <a href="#">Uncovering the hidden trade-offs of biodiversity in the Green Economy</a> -</li> </ul>

TIME	EVENT
	<i>Christopher Doll, United Nations University Institute of Advanced Studies</i>
14:15 - 14:35	> <a href="#">Entrepreneurial attitudes and organizational costs in the supply of biomasses energy</a> - Gaetano Martino, University of Perugia - Rossella Pampanini, University of Perugia
<b>1:15 pm -2:45 pm</b>	<b>Parallel paper session: Corporate Social Responsibility and institutions 2 (Chairperson: Michel Capron, Salle 4, MACC's Building)</b>
13:15 - 13:45	> <a href="#">Matter-dependent production functions for economic modelling of firms</a> - Dries Maes, Environmental Economics Hasselt University 
13:45 - 14:15	> <a href="#">Synchronising the environmental management objectives of New Zealand's key export industries: A common pool resource approach</a> - Richie Singleton, Victoria University of Wellington - Laura McKim, Victoria University of Wellington 
14:15 - 14:45	> <a href="#">Professional ethos and environmental attitudes. A French survey on engineers' ecoskepticism</a> - Christelle Didier, Lille Economie et Management, Département d'éthique; Kristoff Talin, Centre lillois d'études et de recherches sociologiques et économiques (CLERSE) - CNRS : UMR8019, Université des Sciences et Technologies de Lille - Lille I
<b>1:15 pm -2:45 pm</b>	<b>Special session : Delivering sustainability transitions: Overcoming energy and resource constraints (Chairpersons: Julia Steinberger &amp; Timothy J. Foxon, 1, SUP Building)</b>
13:15 - 13:30	> <a href="#">Energy and efficiency as sources for economic growth: a co-evolutionary perspective</a> - Timothy Foxon, Sustainability Research Institute, University of Leeds - Julia Steinberger, Sustainability Research Institute, University of Leeds 
13:30 - 13:45	> <a href="#">Development and dematerialization: an analysis of time-series trends across countries</a> - Julia Steinberger, University of Leeds, Alpen Adria University
13:45 - 14:00	> <a href="#">Whole system perspectives of energy technologies: combining life-cycle analysis modelling with ecosystem service approaches</a> - Kate Scott, School of Earth and Environment [Leeds]
14:00 - 14:15	> <a href="#">Economic growth versus material use – is there an actual decoupling? Re-estimating the global material intensity for 1900-2009</a> - Panos Kalimeris, Panteion University 
14:15 - 14:30	> <a href="#">Assessing the critical material constraints on low carbon infrastructure transitions</a> - Katy Roelich, School of Earth and Environment [Leeds], Institute of Resilient Infrastructure 
<b>1:15 pm -2:45 pm</b>	<b>Parallel paper session: Lifestyles, Capabilities and Sustainability (Chairperson: Ines Omann, 208, SUP Building)</b>
13:15 - 13:35	> <a href="#">Inclusive Capital and Human Development: Integrating Human and Natural Capitals</a> - Rina Mihashi, The University of Tokyo 
13:35 - 13:55	> <a href="#">Capabilities and needs – combining approaches to contribute to sustainability</a> - Salina Centgraf, UFZ - Helmholtz Centre for Environmental Research 
13:55 - 14:15	> <a href="#">Exploring a nature-related conflict from a capability perspective</a> - Yuliana Griewald, Humboldt University of Berlin 
14:15 - 14:35	> <a href="#">Towards a Typology of Poverty-Environment Indicators</a> - Jérôme Ballet, CEMOTEV Université de Versailles St Quentin - Géraldine Froger, Université de Versailles ST Quentin 
<b>1:15 pm -2:45 pm</b>	<b>Parallel paper session: Environmental Justice 2 (Chairperson: Beatriz Rodríguez-Labajos, 211, SUP Building)</b>

TIME	EVENT
13:15 - 13:40	> <a href="#">Including justice in institutional analysis - How do frameworks for institutional analysis consider ideas of justice?</a> - Klara Stumpf, Leuphana University of Lüneburg - Susanne Hanger, Institute for Environmental Studies , International Institute for Applied Systems Analysis - Igor Ferraz da Fonseca, Centre for Sustainable Development, University of Brasília, Institute for Applied Economic Research 
13:40 - 14:05	> <a href="#">Fair and equitable governance? Procedural justice in the negotiations on the Nagoya Protocol</a> - John Pitseys, Université catholique de Louvain
14:05 - 14:30	> <a href="#">Seeing like an extractivist state: Governmentality, environmental conflicts and violence in Peru</a> - Diego Andreucci, Universitat Autònoma de Barcelona 
<b>2:45 pm -3:00 pm</b>	<b>Coffee break (MACC's Hall)</b>
<b>3:00 pm -4:00 pm</b>	<b>Plenary Session 4: Towards a Socio-Ecological Transition (Chairperson: Timothy J. Foxon, Auditorium, MACC's Building)</b>
15:00 - 15:45	> <a href="#">The dynamics of energy and mobility demand</a> - Elizabeth Shove, Lancaster University
<b>4:00 pm -4:30 pm</b>	<b>Closing Session (Chairperson:s ESEE/RIODD 2013 organising committee, Auditorium, MACC's Building) - Best poster prizes awards; Best Student paper prize award, announcement of the ESEE 2015 Conference, Conclusions</b>

# Call for papers ESEE 2013 - EPG Special Issue

(Deadline, September 15<sup>th</sup>, 2013)



The journal of *Environmental Policy and Governance* will produce an issue covering material from the ESEE 2013 conference "*Ecological Economics and Institutional Dynamics*" organised in Lille, France. We hereby invite you to send your full papers for evaluation for this special conference issue.

In line with the conference theme, the special issue aims at questioning the institutional dimensions of Ecological Economics. In this context, authors are encouraged to specify the way their contribution deal with these issues, as appropriate, in the main text of their paper.

The deadline for submissions is **September 15th, 2013**. Manuscripts should include an abstract of max. 250 words and be no longer than 8,000 words in length. Standard EPG rules apply in the submission process. Please see author guidelines at [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1756-9338](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1756-9338).

Manuscripts and other related documents (in MS Word format preferably) should be sent as an email attachment to [esee2013-epgspecialissue@sciencesconf.org](mailto:esee2013-epgspecialissue@sciencesconf.org) with a note indicating that this is for the special conference issue of EPG journal.

Concerning the evaluation procedure, in the first screening phase, papers fitting well to the conference issue with a potential to pass the review process will be selected. These will then be taken to a full peer-review where the paper will be assigned to at least two reviewers. Authors of papers that do not get beyond the first screening will be informed at a very early stage and their contribution could potentially be published in others publications opportunities following the conference (edited books or Journal special issues).

As outlined below, the schedule is quite tight. The EPG-ESEE 2013 review process is planned to be finalised by mid-January. Therefore, the authors will need to have quick turn around of their revisions. The draft production schedule of the special issue is as follows:

Submissions – September 15, 2013

Referees' comments – November 15, 2013

Resubmission after revisions – December 15, 2013

Final decision – January, 15, 2014

Final editing – End of January 2014

Submission by deadline – February 1, 2014

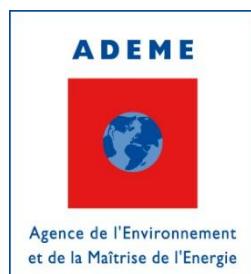
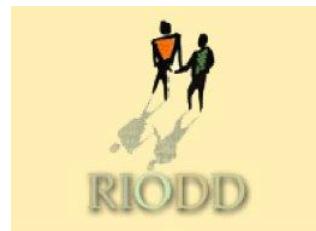
For any further queries, please do not hesitate to send an email to:

[esee2013-epgspecialissue@sciencesconf.org](mailto:esee2013-epgspecialissue@sciencesconf.org)

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