



FAERE Annual Conference

Toulouse Business School, September 10-11, 2015
20 Bd Lascrosses, Toulouse

DETAILED PROGRAM

Thursday, September 10

08.30 - 09.00 **Registration**

09.00 - 10.00 **Welcome Speeches** *Grand Amphi*

F. Bonvalet (Dean of Toulouse Business School)

D. Lacoste (Director of Research, Toulouse Business School)

A. Ayong Le Kama (President of the French Association of Environmental and Resource Economists)

L. Bretschger (President Elect of the European Association of Environmental and Resource Economists)

10.00 - 10.30 **Coffee Break**

10.30 - 12.30

Parallel Sessions A

Session A1: Water

Room 253

Chairman: J. Laurent-Lucchetti (Université de Genève)

A. Reynaud (European Commission), **D. Lanza** (European Commission – JRC, IES), B. Grizzetti (European Commission), C. Liqueste (European Commission): *Going Green? Economic Valuation of a Multipurpose Water Infrastructure in Northern Italy*

X. Liu (University of Pennsylvania), **M. Sarr** (University of Cape Town), T. Swanson (Graduate Institute Geneva): *Resistance to the Regulation of Common Resources in Rural Tunisia*

J-C. Pereau (GREThA, Université de Bordeaux), L. Mouysset (CNRS, GREThA et INRA-EP), L. Doyen (CNRS, GREThA): *Sustainable groundwater management with tradable permits*

C. Almer (University of Bath), **J. Laurent-Lucchetti** (Université de Genève), M. Oechslin M. (Tilburg University): *Agricultural shocks and riots: a disaggregated analysis*

Session A2: Urban Issues

Room 255

Chairman: S. Legras (INRA-CESAER)

V. Viguié (CIRED), S. Hallegatte (CIRED): *How cities evolution inertia increases the price of delayed climate action*

A. Fournier (INRA-SMART): *Direct-selling farming under urban pollution: what impact on competition, variety and goods quality?*

I. Dallmann (Université Paris Sud): *Dengue, Weather and Urbanization in Brazil*

S. Legras (INRA-CESAER), L. Vedrine (INRA-CESAER): *Impact of urban tolls on air quality*

Session A3: Intergenerational Issues

Room 215

Chairman: G.B. Asheim (University of Oslo)

G. Müller-Fürstenberger (University of Trier), **I. Schumacher** (IPAG Business School): *The consequences of a one-sided externality in a dynamic, two-agent framework*

G. B. Asheim (University of Oslo), **F. Nesje** (University of Oslo): *Competitive intergenerational altruism*

S. Del Campo (EconomiX, Université de Paris Ouest-Nanterre La Défense), R. Cairns (Université de McGill), V. Martinet (Économie Publique, INRA): *Sustainability of an economy relying on two reproducible assets*

G.B. Asheim (University of Oslo), I. Ekeland (CEREMADE & Université de Paris-IX, Dauphine): *Resource conservation across generations in a Ramsey-Chichilnisky model*

Session A4: Risks

Room 254

Chairman: N. Treich (TSE)

C. Figuières (INRA-LAMETA), C. Richert (IRSTEA-G-EAU), K. Erdlenbruch (IRSTEA-G-EAU): *A model of the effects of social interactions and risk experience on adaptation behaviours*

E. Lavaine (Université Savoie Mont-Blanc): *Risk of pollution and the cost of misinformation*

C. Heinzl (INRA), R. Peter (Ludwig-Maximilians-Universitaet Muenchen): *Precautionary Motives Under Multiple Instruments*

C. Bernard (Grenoble Ecole de Management), C. Rheinberger (TSE), **N. Treich** (TSE): *Catastrophe aversion and risk equity under dependent risks*

Session A5: Forests

Room 252

Chairman: M. Brunette (INRA - LEF)

A. Barkaoui (INRA - LEF), A. Dragicevic (Agro ParisTech, LEF): *Forest-Based Industrial Network*

G. Simonet (Chaire Economie du Climat — CIRAD), J. Subervie (NRA — LAMETA), D. Ezzine-de-Blas (CIRAD), E. Marinho (CIFOR), A. Duchelle (CIFOR): *Curbing deforestation among smallholders in the Amazon rainforest : Impact evaluation of a REDD+ pilot project in the Transamazon highway*

S. Desbureaux (Université d'Auvergne- CERDI & CIRAD), S. Aubert (CIRAD), L. Brimont (CIRAD), A. Karsenty (CIRAD), A.C. Lohanivo (ESSA Antananarivo): *How Protected Areas Reduce Deforestation? An Exploration of the Economic and Political Mechanisms for Madagascar's Rainforests*

M. Brunette (INRA - LEF), J. Foncel (Université Lille 3), E. Kéré (CERDI): *Attitude towards Risk and Production Decision: An Empirical analysis on French private forest owners*

Session A6: Growth

Room 214

Chairman: S. Bosi (Université d'Evry, EPEE)

E. Hooper (GREQAM-AMSE): *Sustainable growth and financial markets in a natural resource rich country*

P. da Costa (Ecole Centrale Paris): *Semi-endogenous growth and pollution: No double dividend in the long term*

K. Constant (EconomiX - Université Paris Ouest & AMSE - GREQAM): *Environmental policy and inequality: a matter of life and death*

S. Bosi (Université d'Evry, EPEE), D. Desmarchelier (Université de Lille, LEM): *Limit cycles under a negative effect of pollution on consumption demand: the role of an environmental Kuznets curve*

12.30 - 14.00

Lunch

Novotel Compans Caffarelli, 5 Place Alfonse Jourdain

14.00 - 15.30

Parallel Sessions B

Session B1: Bioeconomic Approaches

Room 255

Chairman: O. Thébaud (IFREMER)

S. Gourguet (IFREMER), O. Thébaud (IFREMER), S. Jennings (UTAS), R. Little (CSIRO), L. Doyen (CNRS): *Risk versus economic performance in a mixed fishery*

P. Courtois (INRA - LAMETA): *Managing biological invasions: how to set priorities?*

O. Thébaud (IFREMER), F. Boschetti (CSIRO), S. Jennings (University of Tasmania), T. Smith (CSIRO), S. Pascoe (CSIRO): *Biodiversity offsets, cumulative impacts and strategies for compensatory restoration*

Session B2: Natural Resources: Strategic Issues

Room 215

Chairman: H. Benckroun (McGill University)

M. Berthod (Paris School of Economics): *Increases in reported oil reserves among Opec producers: a differential game approach*

N. Van Long (Mc Gill University), **F. Prieur** (INRA - Université de Montpellier), K. Puzon (Université de Montpellier), M. Tidball (INRA): *Markov Perfect Equilibria in Differential Games with Regime Switching Strategies*

H. Benckroun (McGill University), N. Van Long (McGill University): *Social Status and Renewable Resource Extraction*

Session B3: Agriculture

Room 253

Chairman: S. Andrade de Sa (ETH Zurich)

B. Dequiedt (INRA – Economie Publique), D. Moran (SRUC -Scottish Rural College): *The cost of emissions mitigation by legume crops in French agriculture*

Kuhfuss L. (University of St Andrews), Preget R. (INRA), Thoyer S. (Montpellier SupAgro), Hanley N. (University of St Andrews), Le Coent P. (Université de Montpellier), **M. Désolé** (Montpellier SupAgro): *Nudges, social norms and permanence in agri-environmental schemes*

S. Andrade de Sa (ETH Zurich): *Optimal pro-biofuel policies with land-use inertia*

Session B4: Social Choices

Room 252

Chairman: H. Andersson (Toulouse School of Economics)

J. Ngouhouo Poufoun (INRA – LEF), **J. Abildtrup** (INRA – LEF), **D. Sonwa** (CIFOR – Central Africa Regionl Office), **P. Delacote** (INRA – LEF): *The value of forest elephant conservation for indigenous and local communities in the Tridom landscape – Combining Open-Ended and Close-Ended CV*

R. Romaniuc (Université de Montpellier, LAMETA), **K. Farrow** (Université de Montpellier, LAMETA), **L. Ibanez** (INRA – LAMETA): *Enforcing social norms: peer nonmonetary versus external monetary punishment*

H. Andersson (Toulouse School of Economics), **A.R. Hole** (University of Sheffield), **M. Svensson** (Karlstad University): *Valuation of small and multiple health risks: A critical analysis of SP data applied to food and water safety*

Session B5: Climate Policy 1

Room 254

Chairman: J. Leroux (HEC Montréal)

D. Charlier (Université de Montpellier), **A. Risch** (Université de Savoie), **C. Salmon** (Université de Savoie): *Reducing Energy Burden of the poor and Greenhouse Gas Emissions: Could we kill two birds with one stone?*

S. Andrade de Sa (ETH Zurich), **J. Daubanes** (ETH Zurich): *Limit Pricing and the (In)Effectiveness of the Carbon Tax*

J. Leroux (HEC Montréal), **E. Billette de Villemeur** (Université de Lille 1): *Track and Trade: A liability approach to climate policy*

15.30 - 16.00

Coffee Break

16.00 - 17.15

Plenary Session 1

Grand Amphi

Chairman: F. Salanié (Toulouse School of Economics, INRA)

J. Hammitt (Harvard Center for Risk Analysis): *Valuing health risks*

17.15 - 18.30

FAERE General Assembly

Grand Amphi

20.00

Conference Dinner

Restaurant Le Moai, 35 Allées Jules Guesde

Friday, September 11

08.30 - 08.45

Registration

08.45 - 10.45

Parallel Sessions C

Session C1: Climate Change: Local Issues

Room 252

Chairman: M-H. Hubert (CREM, Université de Rennes 1)

I.M. Gren I.M. (Swedish University of Agricultural Sciences), **G. Marbuah** (Swedish University of Agricultural Sciences): *Carbon Emissions and Social Capital in Sweden*

F. Amuakwa-Mensah (Swedish University of Agricultural Sciences): *Climate element of migration decision in Ghana: Micro Evidence*

O. Zouabi (Université de Toulon LEAD), Y. Ben Zaied (University of North Paris, CEPN-CNRS): *Impacts of climate change on Tunisian olive oil output and adaptation strategies*

U. Chakravorty (Tufts University), C. Fischer (Resources for the Future), **M-H. Hubert** (CREM, Université de Rennes 1): *Will Shale Gas Reduce Carbon Emissions from China?*

Session C2: Waste Management & Recycling

Room 254

Chairman: O. Beaumais (Université de Corte, UMR LISA)

A. Gnonlonfin (LEAD): *Politique optimale de gestion des déchets municipaux en présence d'un secteur informel de recyclage*

A. Gatier (MEDDE/CGDD): *La tarification incitative de la collecte des ordures ménagères – Une étude de l'impact sur les quantités collectées*

C. Charlier (Université Nice Sophia Antipolis, GREDEG-CNRS), A. Kirakozian (Université Nice Sophia Antipolis, GREDEG-CNRS): *Just tell me what my neighbors do! Public policies for households recycling*

O. Beaumais (Université de Corte, UMR LISA), D. Prunetti (Université de Corte, UMR LISA): *Time for waste, waste of time? Assessing heterogeneous values of time spent recycling using a latent-class rank-ordered logit approach*

Session C3: International Agreements

Room 215

Chairman: C. Withagen (VU University Amsterdam)

B. Bayramoglu (INRA, Economie Publique), M. Finus (University of Bath), J-F. Jacques (Université Paris-Est, ERUDITE): *Climate Coalitions in a Mitigation-Adaptation Game*

M. Laukkanen (VATT Institute for Economic Research), Y. Pavlova (LUKE Natural Resources Institute Finland): *Dynamic game of international environmental cooperation*

L. Cerda (Université Paris 1): *Pushing the Tipping in International Environmental Agreements*

E. Ansink (University Utrecht), **C. Withagen** (VU University Amsterdam): *Members, joiners, free riders, supporters*

Session C4: Fossil Resources

Room 253

Chairman: F. Ricci (Université de Montpellier)

A. Godzinski (MEDDE, CREST et PSE): *Circular economy and energy: a computable general equilibrium approach*

F. Karanfil (EconomiX – CNRS, University of Paris Ouest), **L. D. Omgba** (EconomiX – CNRS, University of Paris Ouest): *Reconsidering the scarcity factor in the dynamics of oil markets: An empirical investigation of the (mis)measurement of oil reserves*

O. Lecuyer (Université de Berne), A. Vogt-Schilb (World Bank): *Optimal transition from coal to gas and renewable energy under capacity constraints and adjustment costs*

M. Fodha (Université Paris 1), **F. Ricci** (Université de Montpellier): *The optimal energy mix when renewable energy is intensive in non-renewable resources*

Session C5: Valuation

Room 255

Chairman: P-A. Mahieu (Université de Nantes, LEMNA)

D. Herrera (Toulouse School of Economics), J. Hammitt (Harvard School of Public Health): *Believe only half of what you see the role of preference heterogeneity in contingent valuation*

A. Mauroux (MEDDE-CGDD, CREST, Dauphine): *Does preventive information change perception on natural risks and location decision? Evidences from the impact on housing price of a risk disclosure*

Y. Jin (Peking University), E. Andersson (TSE), S. Zhang (Peking University): *Benefit-cost analysis of phasing out coal in power plants and for household usage: An empirical analysis of the Chinese Action Plan applied in Beijing*

P-A. Mahieu (Université de Nantes, LEMNA), F-C. Wolff (Université de Nantes, LEMNA), J. Shogren (University of Wyoming): *Interval Bidding in a Distribution Elicitation Format*

10.45 - 11.15 Coffee Break

11.15 - 12.30

Plenary Session 2

Grand Amphi

Chairman: A. Grimaud (Toulouse School of Economics, Toulouse Business School)

S. Smulders (Department of Economics and Tilburg Sustainability Center, Tilburg University):

Growth, Degrowth, and the Environment

12.30 - 14.00

Lunch

FAERE board meeting (by invitation only)

Novotel Compans Caffarelli, 5 Place Alfonse Jourdain

14.00 - 15.30

Parallel Sessions D

Session D1: Biodiversity

Room 252

Chairman: J-P. Amigues (Toulouse School of Economics, INRA)

L. Mouysset (CNRS-GRETHA), L. Doyen (CNRS-GRETHA), J-C. Péreau (Université de Bordeaux, GRETHA), F. Jiguet (Museum National d'Histoire Naturelle): *Benefits and costs of biodiversity in agricultural public policies*

E. Hily (INRA - LEF): *Paying for habitat suitability and species protection with unobservable conservation costs and benefits : How to manage having many irons in the fire?*

J-P. Amigues (Toulouse School of Economics, INRA): *The Orangutan dilemma*

Session D2: Green Technologies 1

Room 215

Chairman: M. Glachant (MINES ParisTech)

A. Creti (Paris – Dauphine), A. Kotelnikova (Ecole Polytechnique), G. Meunier (INRA), **J-P. Ponsard** (CNRS – Ecole Polytechnique): *Defining the Abatement Cost in Presence of Learning-by-doing: Application to the Fuel Cell Electric Vehicle*

D. Charlier (Université Montpellier 1), M. Podesta (Université de Savoie): *The role of social value in the investment decision in cleaner technology*

A. Dechezleprêtre (London School of Economics), **M. Glachant** (MINES ParisTech): *When Strengthening Environmental Regulation Reduces Green Innovation: Theory and Evidence from the Auto Industry*

Session D3: Household Behaviour

Room 253

Chairman: C. Nauges (TSE, INRA)

D. Brécard (Université de Toulon, LÉAD): *Consumer misperception of eco-labels, green market structure and welfare*

P. Dato (IREGE - University de Savoie): *Investment in Energy Efficiency, Adoption of Renewable Energy and Household Behaviour: Evidence from OECD countries*

C. Nauges (TSE, INRA), **S. Wheeler** (University of Adelaide): *The rebound effect of costly environmental action on individuals' climate change attitudes*

Session D4: Non-Market Instruments

Room 254

Chairman: P. Mahenc (Université de Montpellier – LAMETA)

M. Chiroleu-Assouline (University Paris 1, PSE and INRA-Economie Publique), **T.P. Lyon** (University of Michigan Business School): *Merchants of Doubt: Lobbying Strategy when Scientific Credibility is Uncertain*

A. Deymier (LAMETA): *Green NGO activity and media coverage*

P. Mahenc (Université de Montpellier – LAMETA): *Honest versus Misleading Certification*

Session D5: Trade

Room 214

Chairman: H. Ollivier (Paris School of Economics – CNRS)

N. Zugravu-Soilita (CEMOTEV, Université de Versailles Saint-Quentin-en-Yvelines): *Trade in environmental goods and sustainable development: What learning from the transition economies' experience?*

G. Barrows (UC Berkeley), **H. Ollivier** (Paris School of Economics – CNRS): *Product mix, trade, and the environment: theory and evidence from Indian manufacturing*

15.30 - 16.00

Coffee Break

16.00 - 17.30

Parallel Sessions E

Session E1: Energy

Room 252

Chairman: L-G. Giraudet (CIRED)

S. Kumar (RWTH Aachen University), R. Madlener (RWTH Aachen University): *Least-cost optimization pathways to the German electricity market with new energy and environmental policies*

M. Baudry (Université Paris Ouest Nanterre, EconomiX, CEC), **C. Bonnet** (Université Paris Ouest, EconomiX, CEC): *Market pull instruments and the development of wind power in Europe: a counterfactual analysis*

L-G. Giraudet (CIRED), M-L. Nauleau (CIRED), P. Quirion (CIRED): *Energy efficiency policy with price-quality discrimination*

Session E2: Green Technologies 2

Room 253

Chairman: H. Stahn (GREQAM)

R. Mabrouk (GAEL), O. Kurtyka (GAEL), D. Llerena (GAEL): *Monopoly and Abatement Technology Choice: The Impact of Environmental Taxes and Bargaining*

J. Ing (ETH Zurich), J-P. Nicolai (ETH Zurich): *When being a good Samaritan? The incentives to green technology transfer*

D. Sans (GREQAM), S. Schwartz (CERDI), **H. Stahn** (GREQAM): *On Abatement Services: Market Power and Efficient Environmental Regulation*

Session E3: Climate Policy 2

Room 254

Chairman: S. Ambec (Toulouse School of Economics, INRA)

M. Aglietta (CEPII), E. Espagne (France Stratégie), **B. Perrissin-Fabert** (CGDD): *A proposal to finance low-carbon investment in Europe*

S. Bourjade (Toulouse Business School): *Uniform Price Auctions with Asymmetric Entry Costs*

S. Ambec (Toulouse School of Economics, INRA), J. Coria (University of Gothenburg): *Local environmental regulation in the shadow of a global deal on climate*

Session E4: Environmental Policy

Room 215

Chairman: S. Spaeter (BETA, Université de Strasbourg)

D. Aubert (Université Paris 1, PSE), M. Chiroleu-Assouline (Université Paris 1, PSE): *Environmental Tax Reform and Heterogenous Labor Markets: Can the Trade-Off between Environmental Quality, Efficiency and Income Distribution be Avoided?*

H. Arabzadeh (Université Paris 1 et Université Catholique de Louvain), **B. Vardar** (Université Paris 1 et Université Catholique de Louvain): *Why the rich may want a low pollution tax?*

Ouvrard B. (BETA, Université de Strasbourg), **S. Spaeter** (BETA, Université de Strasbourg): *Environmental Incentives: Nudges or Tax?*

Session E5: Ecosystem Services

Room 255

Chairman: A. Reynaud (JRC – European Commission)

L. Doyen (GREThA, CNRS, University of Bordeaux) et al.: *Eco-viability for Ecosystem Based Fisheries Management*

J. Abildtrup (INRA-LEF), T. Horokoski (INRA-LEF), C. Piedallu (INRA-LERFoB), V. Perez (AgroParisTech-LERFoB), A. Stenger (INRA-LEF): *Mapping of the forest recreation service in Lorraine: Applying high-resolution spatial data and travel mode information*

A. Reynaud (JRC – European Commission), D. Lanzaova (JRC – European Commission): *Valuing Ecosystem Services Provided by Lakes: Insights from a Meta-Analysis*

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