

3rd FAERE Annual Conference September 08-09, 2016 – Bordeaux



Detailed program

Thursday 8th September

8h30-9h00	Registration	<i>Hall d'entrée</i>
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9h00-9h30	Welcome speeches	<i>Amphi Ellul</i>
	Marc-Alexandre Senegas, Head of GREThA Frédéric Saudubray, Head of Irstea Bordeaux Alain Ayong Le Kama, President of the FAERE	

9h30-10h30	Plenary session 1 – Pr. Ian Bateman	<i>Amphi Ellul</i>
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10h30-11h00	Coffee break	<i>Salle RG</i>
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11h-12h30 **Parallel sessions A**

Session A1: Ecosystem services & Biodiversity 1

Salle 1J

Chairman: Luc Doyen

*Vincent Martinet (INRA Economie Publique), Maria Pérez-Urdiales (INRA Economie Publique):
Pesticide use reductions at landscape level: Efficient allocation of land uses (Discussant: Mireille
Chiroleu-Assouline)*

Mireille Chiroleu-Assouline (PSE, Université Paris 1), Sébastien Roussel (Université de Montpellier 3, LAMETA): *Payments for carbon sequestration in agricultural soils: Incentives for the future and fair rewards for the past* (Discussant: Sylvain Caurla)

Sylvain Caurla (INRA, LEF), Jonathan Lenglet (AgroParisTech), Jean-Yves Courtonne (INRIA): *Material flow analysis of the forest-wood supply chain: a consequential approach for logs export policies in France* (Discussant: Vincent Martinet)

Session A2: Energy Economics and Policy 1

Salle 1F

Chairman: Sylvie Ferrari

Yassine Kirat (Université Paris 1 Panthéon-Sorbonne): *The actual impact of shale gas revolution on the U.S. manufacturing sector* (Discussant: Dorothée Charlier)

Dorothée Charlier (Université de Montpellier): *Energy consumption and carbon dioxide emissions in the service sector: Evidence for 15 European countries* (Discussant: Olivier Joalland)

Olivier Joalland (Irstea, Bordeaux), Tina Rambonilaza (Irstea, Bordeaux): *Assessing the impact of renewable energy deployment on the use value of rural landscape: a spatial hedonic analysis of rural cottages prices* (Discussant: Yassine Kirat)

Session A3: Growth Models 1

Salle 1L

Chairman: Cees Whitagen

Geir B. Asheim (University of Oslo): *Sustainable growth* (Discussant: Hagen Schwerin)

Hagen Schwerin (ETH Zürich), Sebastian Rausch (ETH Zürich): *Long-run energy use and the efficiency paradox* (Discussant: Stellio Del Campo)

Stellio Del Campo (Econmix, Université Paris Ouest-Nanterre La Défense): *Renewable resources and inequality aversion: what consequences for the future?* (Discussant: Geir B. Asheim)

Session A4: Game theory

Salle 2B

Chairman: Jean-Christophe Perea

Stefan Ambec (Toulouse School of Economics, INRA): *Welfare division in the commons* (Discussant: Louis-Gaëtan Giraudet)

Louis-Gaëtan Giraudet (CIRED), Céline Guivarch (CIRED): *Global warming as an asymmetric public bad* (Discussant: Anne-Sarah Chiambretto)

Anne-Sarah Chiambretto (Indep-Greqam): *Public voluntary agreements as correlated equilibria of a subscription game: on the impact of a background regulatory threat* (Discussant: Stefan Ambec)

Session A5: Land-use management & spatial issues 1

Salle 3B

Chairman: Tina Rambonilaza

Antoine Leblois (INRA), Tristan Le Cotty (CIRAD), Elodie Maitre d'Hotel (CIRAD): *Do farmers prefer to insure against catastrophic risks or frequent risks in presence of basis risk?* (Discussant: Natalia Zugravu-Soilita)

Natalia Zugravu-Soilita (University of Versailles Saint-Quentin-en-Yvelines-UVSQ), Vincent Geronimi (UVSQ), Le Gargasson (UVSQ), Jessy Tsang King Sang (UVSQ): *Towards a less vulnerable and more sustainable development: the role of heritage tourism in the island economies* (Discussant: Stefanija Veljanoska)

Stefanija Veljanoska (Paris School of Economics, Université Paris 1 Panthéon Sorbonne, Université Paris-Sud): *Can land fragmentation reduce the exposure of rural households to weather variability?* (Discussant: Antoine Leblois)

12h30-14h00

Lunch

Salle RG

14h00-15h30

Parallel sessions B

Session B1: Ecosystem services & biodiversity 2

Salle 1J

Chairman: Anke Leroux

Marc Leandri (Université de Versailles Saint Quentin, CEMOTEV), Mabel Tidball (INRA-LAMETA): *Does Inertia matter? Assessing the sustainability of optimal pollution paths when the degradation of assimilative capacity is time-dependent* (Discussant: Eric Tromeur)

Eric Tromeur (AgroParisTech, Sorbonne Universités), Luc Doyen (Gretha, CNRS-Université Bordeaux): *Optimal biodiversity loss in multispecies fisheries* (Discussant: Charles Figuières)

Charles Figuières (INRA LAMETA), Chloé Mulier (INRA LAMETA), Pierre Courtois (INRA LAMETA): *A Tale of two diversities* (Discussant: Marc Leandri)

Session B2: Pollution policy and trade

Salle 1F

Chairman: Hubert Stahn

Thais Nuñez-Rocha (Paris 1), Inmaculada Martinez-Zarzoso (Georg-August Goettingen University): *Are international environmental agreements effective? The case of trade in hazardous chemicals and persistent organic pollutants* (Discussant: Marion Davin)

Marion Davin (LAMETA - Université de Montpellier), Karine Constant (Economix, Université Paris Ouest Nanterre la Défense), Antoine Le Riche (GAINS - Université du Maine): *Growth, trade and climate Change: How the mutual effects of trade and climate change shape the world economy?* (Discussant: Sylvaine Poret)

Sylvaine Poret (INRA-ALISS, Département d'Economie, Ecole Polytechnique): *Label battles: competition among NGOs as standard setters* (Discussant: Thais Nunez-Rocha)

Session B3: Growth Models 2

Salle 1L

Chairman: Geir B. Asheim

Houévoh Amandine Gnonlonfin (LEAD-Université de Toulon), Yusuf Kocoglu (LEAD-Université de Toulon), Nicolas Péridy (LEAD-Université de Toulon): *Waste and economic growth: lessons from EKC empirical framework* (Discussant: Gilles Lafforgue)

Gilles Lafforgue (Toulouse Business School), Luc Rouge (Toulouse Business School): *A dynamic model of recycling with endogenous technological breakthrough* (Discussant: Julien Daubanes)

Julien Daubanes (ETH Zurich), Fanny Henriet (Paris School of Economics), Katheline Schubert (University Paris 1): *More gas to reduce CO2 emissions?* (Discussant: Houévoh Amandine Gnonlonfin)

Session B4: Instruments and market 1

Salle 2B

Chairman: Dominique Bureau

Jean-Philippe Nicolai (ETH Zurich), Jorge Zamorano (Université Paris I-Panthéon Sorbonne): *Differentiating permits allocation across areas* (Discussant: Olivier Thebaud)

Olivier Thebaud (Ifremer), Sophie Gourguet (Ifremer), Pierre Lelong (ENEA Consulting), Luc Doyen (Gretha, CNRS), Rich Little (CSIRO): *Modeling the impacts of a discard ban in a mixed fishery under catch-quota management* (Discussant: François Salanié)

François Salanié (TSE, Université Toulouse Capitole), Vera Zaporozhets (TSE, Université Toulouse Capitole): *Water allocation, crop choice, and priority services* (Discussant: Jean-Philippe Nicolai)

Session B5: Land-use management & spatial issues 2

Salle 3B

Chairman: Jeanne Dachary-Bernard

Emmanuelle Lavaine (IREGE, Université Savoie Mont Blanc), Henrik Andersson (TSE): *Nitrates and People perception: A hedonic application* (Discussant: Pascale Phelinas)

Pascale Phelinas (IRD-UMR CESSMA-UMR CERDI), Johanna Choumert (Economic Development Initiatives E.D.I.): *Farmland rental values in GM soybean areas of Argentina: do contractual arrangements matter?* (Discussant: Laetitia Tuffery)

[Laetitia Tuffery](#) (Université Paris Saclay, Evry Val d'Essonne), [Marc Baudry](#) (UPOND), [Lionel Ragot](#) (UPOND): *Accessibility to a multi-sites amenity and hedonic environmental valuation, how to conciliate Rosen and Alonso?* (Discussant: Emmanuelle Lavaine)

15h30-16h00

Coffee break

Salle RG

16h00-17h30

Parallel sessions C

Session C1: Adaptation to climate change 1

Salle 1J

Chairman: Céline Nauges

[Ingmar Schumacher](#) (IPAG Business School): *Climate policy must favour mitigation over adaptation* (Discussant: Anna Lungarska)

[Anna Lungarska](#) (INRA-AgroParisTech, UMR Économie Publique), [Raja Chakir](#) (INRA-AgroParisTech, UMR Économie Publique): *Climate induced land use change in France: impacts of agricultural adaptation and climate change mitigation* (Discussant: Antoine Dechezlepretre)

[Antoine Dechezlepretre](#) (London School of Economics), [Damien Dussaux](#) (London School of Economics), [David Hemous](#) (University of Zurich), [Mirabelle Muuls](#) (Imperial College of London): *International outsourcing and innovation in clean technologies* (Discussant: Ingmar Schumacher)

Session C2: Resource Economics 1

Salle 1F

Chairman: Stefano Bosi

[Philippe Mahenc](#) (Université de Montpellier, Lameta), [Bocar Samba Ba](#) (Université de Montpellier, Lameta): *Recycling an exhaustible resource* (Discussant: Cees Withagen)

[Cees Withagen](#) (Vrije Universiteit Amsterdam), [Gerard van der Meijden](#) (Vrije Universiteit Amsterdam), [Karolina Ryszka](#) (Ecorys): *Double limit pricing* (Discussant: Hubert Stahn)

[Hubert Stahn](#) (GREQAM), [Agnès Tomini](#) (GREQAM): *On the environmental efficiency of water storage: The case of a conjunctive use of ground and rainwater* (Discussant: Philippe Mahenc)

Session C3: Risk and Vulnerability 1

Salle 1L

Chairman: François Salanié

[Katrin Erdlenbruch](#) (Irstea, UMR G-EAU), [Claire Richert](#) (UMR G-EAU), [Charles Figuières](#) (Inra, UMR Lameta): *Attitude towards financial risk and attitude towards flood risk do not play the same role in individual flood mitigation* (Discussant: Francois Cohen)

[Francois Cohen](#) (LSE): *Temperature, mortality and income inequality: Evidence from Mexico* (Discussant: Can Askan Mavi)

[Can Askan Mavi](#) (Université Paris 1 Panthéon-Sorbonne, Ecole d'économie de Paris): *Uncertain catastrophic events : Another source of environmental traps?* (Discussant: Katrin Erdlenbruch)

Session C4: Instruments and market 2

Salle 2B

Chairman: Lionel Ragot

[Jérôme Pouyet](#) (Paris School of Economics), [David Martimort](#) (Paris School of Economics), [Francesco Ricci](#) (Université de Montpellier): *Contracting for the management of a non-renewable resource: Extracting information or extracting resource?* (Discussant: Marita Laukkanen)

[Marita Laukkanen](#) (VATT Institute for Economic Research), [Jarkko Harju](#) (VATT Institute for Economic Research), [Tuomas Kosonen](#) (VATT Institute for Economic Research): *Tax incidence in the fuel market: Evidence from station-level data* (Discussant: Dominique Bureau)

[Dominique Bureau](#) (Ministère Ecologie Paris): *Tout sauf l'instrumentation pigouvienne ! Economie politique de l'inefficacité des politiques environnementales* (Discussant: Jérôme Pouyet)

Session C5: Land-use management & spatial issues 3

Salle 3B

Chairman: Lauriane Mouysset

[Elsa Martin](#) (CESAER), [Sophie Legras](#) (CESAER), [Virginie Piguet](#) (CESAER): *Land sharing versus land sparing to protect water from pesticide pollution?* (Discussant: Serge Garcia)

[Serge Garcia](#) (INRA-LEF), [Claudio Petucco](#) (LEF): *Multiple-use or specialized management for biodiversity conservation and carbon sequestration: Evidence from a survey on NIPF owners in Denmark* (Discussant: Romuald Kinda)

[Eric Kere](#) (CERDI), [Romuald Kinda](#) (Université Ouaga): *Climate change and food security: Do spatial spillovers matter?* (Discussant: Elsa Martin)

18h00

Wine tasting

SalleRG

20h00

Conference dinner

Café du Port, 1 Quai Deschamps, 33100 Bordeaux

Friday 9th September

8h30-10h00

Parallel Sessions D

Session D1: Adaptation to climate change 2

Salle 1J

Chairman: Charles Figuières

[Matthieu Glachant](#) (MINES Paristech), [François Cohen](#) (London School of Economics), [Magnus Soderberg](#) (University of Gothenburg): *The Adaptation of the US residential sector to global warming* (Discussant: Sophie Legras)

[Sophie Legras](#) (INRA, UMR 1041 CESAER): *Commuting in Happyville* (Discussant: Djamel Kirat)

[Djamel Kirat](#) (Université d'Orléans), [Dorothee Charlier](#) (Université de Montpellier), [Mouez Fodha](#) (Université Paris 1): *CO2 emissions from the residential sectors in Europe: drivers and distributive consequences* (Discussant: Matthieu Glachant)

Session D2: Energy Economics and Policy 2

Salle 1F

Chairman: Sébastien Rouillon

[Jean-Christophe Poudou](#) (Université de Montpellier, LAMETA), [Axel Gautier](#) (HEC, University of Liege, and CORE), [Julien Jacquemin](#) (HEC Liege, University of Liege): *The Prosumers and the Grid* (Discussant: Emmanuel Combet)

[Emmanuel Combet](#) (CIRED, Paris): *Energy tax reform in time of crisis. The case of energy dependent and open economies* (Discussant: Prudence Dato)

[Prudence Dato](#) (IREGE-Université Savoie Mont Blanc), [Tunç Durmaz](#) (SEE, City University of Hong Kong), [Aude Pommeret](#) (SEE, City University of Hong Kong and IREG, University of Savoie): *Intermittent renewable electricity generation with smart grids* (Discussant: Jean-Christophe Poudou)

Session D3: Non-market Valuation

Salle 1L

Chairman: Olivier Beaumais

[Marine Favre](#) (IRSTEA, UMR G-EAU), [Marielle Montginoul](#) (IRSTEA, UMR G-EAU): *Estimating household water demand and willingness-to-pay to maintain future access: evidence from Central Tunisia* (Discussant: Pierre-Alexandre Mahieu)

Pierre-Alexandre Mahieu (University of Nantes), Romain Crastes (University of Leeds), Jordan Louviere (University of South Australia), Ewa Zawojka (Warsaw University): *Preference revelation under lie detection* (Discussant: Stéphane Luchini)

Stéphane Luchini (CNRS-GREQAM-AMSE), Nicolas Jacquemet (Paris School of Economics), Jason Shogren (University of Wyoming), Verity Watson (University of Aberdeen): *How to improve response consistency in discrete choice experiments? An Induced Values Investigation* (Discussant: Marine Favre)

Session D4: Instruments and market 3

Salle 2B

Chairman: Mireille Chiroleu-Assouline

Lauriane Mouysset (Gretha, CNRS): *Agricultural public policies: green or sustainable?* (Discussant : Simon de Bonviller)

Simon de Bonviller (GESTE- ENGEES, Université de Strasbourg), Phu Nguyen-Va (BETA - Université de Strasbourg), Anne Rozan (GESTE- ENGEES, Université de Strasbourg): *Do water markets bring efficiency? Water market impacts on agricultural productivity in the Murray-Darling Basin, Australia* (Discussant: Emeline Hily)

Emeline Hily (INRA-AgroParisTech-LEF), Martin Drechsler (Helmholtz Centre for Environmental Research), Frank Wätzold (Brandenburg University of Technology Cottbus-Senftenberg): *Cost-effectiveness of agri-environmental schemes under climate change* (Discussant: Lauriane Mouysset)

Session D5: Land-use management & spatial issues 4

Salle 3B

Chairman: Serge Garcia

Johanna Choumert (Economic Development Initiatives), Eric Kéré (BAD), Pascale Combes, Jean-Louis Combes (CERDI – Clermont Université), Olivier Santoni (CERDI – Clermont Université), Sonia Schwartz (CERDI – Clermont Université): *Addressing contextual and location biases in the assessment of Protected Areas effectiveness on deforestation in the Brazilian Amazonia* (Discussant: Gengyang Tu)

Gengyang Tu (INRA-AgroParisTech-LEF), Jens Abildtrup (INRA AgroParisTech-LEF): *Does stated happiness affects preferences for urban green spaces? An analysis of stated residential choices* (Discussant: Stéphane Lambrecht)

Chokri Dridi (Université de Valenciennes et du Hainaut-Cambrésis, IDP), Joseph Hanna (Université de Valenciennes et du Hainaut-Cambrésis, IDP), Stéphane Lambrecht (Université de Valenciennes et du Hainaut-Cambrésis, IDP): *Heterogeneity in preferences for transportation modes: Effects on modal split and urban pollution* (Discussant: Johanna Choumert)

10h00-10h30

Coffee break

Salle RG

10h30-11h30

Plenary session 2 - Dr. Marko Lindroos

Amphi Ellul

11h30-12h30

FAERE General Assembly

Amphi Ellul

12h30-14h00

Lunch

Salle RG

14h00 - 16h00

Parallel sessions E

Session E1: Ecosystem services & biodiversity 3

Salle 1J

Chairman: Olivier Thébaud

Franklin Amuakwa-Mensah (Department of Economics, Swedish University of Agricultural Sciences), Ing-Marie Gren (Department of Economics, Swedish University of Agricultural Sciences), Chuan-Zhong Li (Department of Economics, Uppsala University): *Fungi diversity in Swedish forests: impact of site quality on standing volume and variability in forest growth* (Discussant: Jens Abildtrup)

Jens Abildtrup (INRA-LEF), Cosmas Lambini (University of Bayreuth), Trung Nguyen (University of Bayreuth), Van Dien Pham (Forestry University, Hanoi), Serge Garcia (INRA-LEF): *The cost of provision of forest ecosystem services: An econometric analysis from private forests in Vietnam* (Discussant: Anne-Charlotte Vaissière)

Anne-Charlotte Vaissière (Université de Montpellier, LAMETA), Léa Tardieu (INRA, AgroParisTech, LEF), Fabien Quétier (Biotope), Sébastien Roussel (Université Paul Valéry): *Farmers' preferences on implementing biodiversity offsets on arable lands: A choice experiment study* (Discussant: Franklin Amuakwa-Mensah)

Session E2 : Resource Economics 2

Salle 1F

Chairman: Matthieu Glachant

Olivier Beaumais (UMR 6240 LISA, Corte), Paul Veyronnet (CREAM, Université de Rouen) : *Hétérogénéité des préférences, perception de la qualité et choix d'alimentation en eau potable en France, Un logit multinomial à facteurs d'échelle* (Discussant: Bocar Samba Ba)

Bocar Samba Ba (Université de Montpellier), Raphaël Soubeyran (INRA-LAMETA): *The pricing of recyclable exhaustible resources* (Discussant: Pascal Le Floc'h)

Pascal Le Floc'h (UBO AMURE): *Trajectoire et sentiers de dépendances des pêches maritimes françaises* (Discussant: Pierre-Alain Jayet)

Pierre Humblot (INRA UMR Economie Publique), Pierre-Alain Jayet (INRA UMR Economie Publique), Thanasis Petsakos (Centro Internacional de la Papa, Peru): *Farm-level bio-economic modeling of water and nitrogen use: calibrating yield response functions with limited data* (Discussant: Olivier Beaumais)

Session E3: Growth models 3

Salle 1L

Chairman: Mouez Fodha

Fabien Prieur (Toulouse Business School), Benteng Zou (University of Luxembourg): *On the impact of indirect competition for political influence on environmental policy* (Discussant: Pierre Pecher)

Pierre Pecher (UCLouvain): *Ethnic divisions and economic performance* (Discussant: Nicolas Clootens)

Nicolas Clootens (Laboratoire d'Economie d'Orléans): *Resource and Labor Taxation in Overlapping Generation Economies with an Essential Polluting Resource* (Discussant: Stefano Bosi)

Stefano Bosi (University of Evry, EPEE), David Desmarchelier (University of Paris Ouest, ECONOMIX): *Pollution and infectious diseases* (Discussant: Fabien Prieur)

Session E4: Instruments and market 4

Salle 2B

Chairman: Pierre Lasserre

Benoit Cheze (IFPEN; ECONOMIX, Univ. Paris Ouest), Julien Chevallier (LED, Univ. Paris 8, IPAG Business School, IPAG Lab), Emilie Alberola (I4CE, HEC Paris): *The environmental effectiveness of the EU ETS in presence of economic recession and climate policies overlaps* (Discussant: Simon Quemin)

Simon Quemin (Université Paris Dauphine, PSL Research University, CGEMP, Chaire Economie du Climat): *Emissions tax and cap-and-trade schemes under smooth ambiguity aversion* (Discussant: Philippe Quirion)

Philippe Quirion (CIRED, CNRS), Oskar Lecuyer (AFD): *Interaction between CO2 emissions trading and renewable energy subsidies under uncertainty: feed-in tariffs as a safety net against over-allocation* (Discussant: Diane Aubert)

Diane Aubert (Université Paris 1, CES, PSE): *Environmental taxation, frictional unemployment and migration in a two-region model* (Discussant: Benoit Cheze)

Session E5: Risk and Vulnerability 2

Salle 3B

Chairman: Katrin Erdlenbruch

Jeanne Dachary-Bernard (Irstea, Bordeaux), Tina Rambonilaza (Irstea, Bordeaux), Marie Lemarié-Boutry (Gretha Université de Bordeaux): *The response of land markets to flood protection and flood experience: a hedonic price modeling on the Gironde estuary (France)* (Discussant: Claire Richert)

Claire Richert (UMR G-EAU), Katrin Erdlenbruch (Irstea, UMR G-EAU), Charles Figuières (Inra, UMR Lameta): *The determinants of household's flood mitigation decisions in France - evidence of feedback effects from past investments* (Discussant: Anke Leroux)

Anke Leroux (Monash University), Zack Dorner (Monash University), Daniel Brent (Louisiana State University): *Eliciting Risk Preferences for Intrinsic Attributes* (Discussant: Jeanne Dachary-Bernard)

16h-16h30

Coffee Break

Salle RG

16h30

End of the Conference
