



# Conférence annuelle de la FAERE 2020

## Programme

Remark: The time dedicated to each article is 30 minutes divided as follows:  
20 minutes for the presentation of the article by the author +  
5 minutes of discussion by the discussant of the article +  
5 minutes of audience questions and discussion

### Jeudi 10 Septembre :

**8h30 :**

Mot de bienvenue

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**9h00 - 10h30 :**

**A1 - Agriculture 1. Chairperson: Sauquet Alexandre**

- [Why should irrigated agriculture engage in the conservation of soil biodiversity?](#) - Foudi Sébastien, Basque Centre for Climate Change (**discussant: Gossiaux Eva**)
- [Food, feed, fuels, and the environment: delimit the feasible production set of the French agricultural system](#) - Gossiaux Eva, INRAE, UMR Economie Publique (**discussant: Sauquet Alexandre**)
- [Do farmers favor increasing or decreasing payments over stable ones in Agri-Environmental Schemes?](#) - Sauquet Alexandre, INRAE, Center for environmental Economics (**discussant: Foudi Sébastien**)

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**A2 - Circular Economy. Chairperson: Lorang Etienne**

- [Implementing a Circular Economy with Producer Responsibility Organisations](#) – Joltreau Eugénie, Université Paris Dauphine, LEDa (**discussant: Metta Julie**)
- [Labour in the circular economy: the catalyst towards sustainable development](#) – Metta Julie, KUL, Cedon (**discussant: Lorang Etienne**)
- [Sectoral, resource and carbon impacts of introducing recycling in a forest sector](#) – Lorang Etienne, INRAE Chaire économie du Climat, BETA (**discussant: Joltreau Eugénie**)

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### **A3 - Energy policy 1. Chairperson: Quirion Philippe**

- [Does French Energy policy foster investments in the Biogas sector?](#) – Ionescu Oana, GRENOBLE INP, GAEL / G2ELAB (*discussant: Mongo Michelle*)
- [Impact of green transport technologies on CO2 emissions from the transportation sector –](#) Mongo Michelle, Mines Saint Etienne, Coactis (EA 4161) (*discussant: Quirion Philippe*)
- [Low-carbon options for the French power sector: What role for renewables, nuclear energy and carbon capture and storage?](#) – Quirion Philippe, CNRS, CIRED (*discussant: Ionescu Oana*)

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### **A4 – Externalities. Chairperson: Fabbri Giorgio**

- [How to regulate procurement markets for externality-generating goods: a refreshing perspective on Pigovian taxation](#) – Giraudet Louis-Gaëtan, CIRED (*discussant: Goussebaile Arnaud*)
- [The Intergenerational Political Economy of Natural Resources and Environmental Externalities](#) – Goussebaile Arnaud, ETH Zurich, IRME Chair (*discussant: Fabbri Giorgio*)
- [A dynamic theory of spatial externalities](#) – Fabbri Giorgio, CNRS, GAEL (*discussant: Giraudet Louis-Gaëtan*)

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**10h45 – 12h15 :**

### **B1 - Agriculture 2. Chairperson: Vaitkeviciute Jaune**

- [Adaptation to weather variations in intermediate areas: crop choice analysis with a structural Ricardian model](#) - Jan Lore-Elene, Agrosup Dijon, CESAER (*discussant: Kahindo Salomé*)
- [Optimal allocation of pesticides use in France: spatial integration with Data Envelopment Analysis method \(DEA\)](#) – Kahindo Salomé, AgroSup Dijon, CESAER (*discussant: Vaitkeviciute Jaune*)
- [Adaptation of European crop production to climate: a structural econometric multi-output approach](#) - Vaitkeviciute Jaune, Université de Lorraine, UMR BETA (*discussant: Jan Lore-Elene*)

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### **B2 - Climate change 1. Chairperson: Venmans Frank**

- [Optimism, pessimism and climate change: mitigation and adaptation under strategic ambiguity](#) – Eddai Nahed, Université Grenoble Alpes, GAEL (*discussant: Fabre Adrien*)
- [Geoengineering in climate negotiations](#) – Fabre Adrien, Paris School of Economics, Université Paris 1 Panthéon - Sorbonne (*discussant: Venmans Frank*)
- [Are economists getting climate dynamics right and does it matter?](#) – Venmans Frank, LSE, Grantham Institute (*discussant: Eddai Nahed*)

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**B3 – Housing. Chairperson: Lambin Xavier**

- [Heating externalities in multi-family housing: Significance, regulation and incidence](#) – Charlier Dorothée, USMB, IREG (discussant: Cruz Nathaly)
- [Revisiting the EEG: Dynamic Equilibrium with Rational Expectations on the Housing Market](#) – Cruz Nathaly, Université Paris Nanterre, Economix (discussant: Lambin Xavier)
- [Frictions in the rental housing market and investments in energy efficiency](#) – Lambin Xavier, Grenoble Ecole de Management (discussant: Charlier Dorothée)

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**13h45-15h45 :**

**C1 - Bio diversity and natural resources 1. Chairperson: Pietri Antoine**

- [Man Overboard! Industrial Fishing as Driver of Out-Migration in Africa](#) – Hu Irene, Université Paris 1 Panthéon Sorbonne, Paris School of Economics (discussant: Nenovska Nona)
- [Institutional arrangements and natural resource governance in the Bulgarian Black Sea](#) - Nenovska Nona, Université Paris 7, LADYSS (discussant: Briton Florence)
- [Providing Integrated Total Catch Advice for the Management of Mixed Fisheries with an Eco-viability Approach](#) – Briton Florence, Ifremer-UBO, UMR Amure (discussant: Pietri Antoine)
- [Warfare's ecological footprint: A Synthetic Control approach with data from the Falkland Islands](#) – Pietri Antoine, Université de Montpellier, Centre d'Economie de l'Environnement – Montpellier (discussant: Hu Irene)

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**C2 - Energy transition 1. Chairperson: Debille Antoine**

- [The end uses decarbonisation with green gas in Europe: a POLES model assessment](#) – Mantulet Gabin, IN2P3, LPSC (discussant: Ravigné Emilien)
- [From Factor-Four Mitigation to Zero-Net Emissions: Is a fair energy transition possible? Evidence from the French Low-Carbon Strategy](#) – Ravigné Emilien, CentraleSupélec, CIRED (discussant: Shirizadeh Behrang)
- [Solving the riddle of energy transition: renewable gas for transport and renewable electricity for heating](#) – Shirizadeh Behrang, CIRED (discussant: Debille Antoine)
- [Multicriteria analysis for underwater CAES technology sizing: economic simulations of energy scenarios in islands grids](#) – Debille Antoine, Segula Technologies (discussant: Mantulet Gabin)

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### **C3 - Health and environment 2. Chairperson: Bayramoglu Basak**

- [Taking into account environment: Re-ranking of the OECD countries healthcare systems using a stochastic frontier analysis](#) – Ngami Armel, Aix-Marseille Université, Aix-Marseille School of Economics (AMSE) (*discussant: Zabrocki Leo*)
- [Maritime Traffic, Air Pollution and Short-Term Mortality: Evidence from a Large Port City](#) - Zabrocki Leo, Paris School of Economics, EHESS (*discussant: Becerra-Valbuena Luis-Guillermo*) ✉ A déplacer dans la session C3
- [Climatic shocks, air quality, and urban health in Bogota](#) – Becerra-Valbuena Luis-Guillermo, Paris School of Economics, Paris 1 Panthéon Sorbonne (*discussant: Bayramoglu Basak*)
- [Interactions between Nutritional and Climate Policies at the International Level](#) – Bayramoglu Basak, INRAE, UMR Economie Publique (*discussant: Ngami Armel*)

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### **C4 – Innovation. Chairperson: Orset Caroline**

- [Investment decisions in the industrial firm's generation expansion problem](#) – Ondra Matthias, Vienna University of Technology (*discussant: Mazzanti Massimiliano*)
- [A semiparametric panel data analysis of green inventions and environmental policies](#) – Mazzanti Massimiliano, Università degli Studi di Ferrara (*discussant: Schwerin Hagen*)
- [Fully-Funded Clean Technology Support](#) – Schwerin Hagen (*discussant: Orset Caroline*)
- [Innovation, information, lobby and tort law under uncertainty](#) – Orset Caroline, UMR Economie Publique, AgroParisTech, INRAE, Université Paris-Saclay (*discussant: Ondra Matthias*)

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### **C5 – Water. Chairperson: Binet Marie-Estelle**

- [The impact of water protection measures in the Vittel impluvium on recreational values: A choice experiment with local residents](#) – Amiri Tristan, INRAE, BETA (*discussant: Giraldo Hurtado Alejandra*)
- [When "green irrigation" increases demand for water](#) - Giraldo Hurtado Alejandra, Université de Rennes 1, CREM (*discussant: Pedehour Pauline*)
- [Empowerment of discourses in environmental economic policies: The case of French water management](#) – Pedehour Pauline, Université de Nantes, Laboratoire d'économie et de Management Nantes Atlantique (Lemna) (*discussant: Binet Marie-Estelle*)
- [Price perception under blocks tariff schemes: A comparison of beliefs and behaviors](#) – Binet Marie-Estelle, Université Grenoble Alpes, GAEL (*discussant: Amiri Tristan*)

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## **16h :**

Assemblée Générale, et remise du prix FAERE du meilleur article de jeunes économistes

### **Participer à l'assemblée générale**

Seuls les membres de la FAERE à jour de leur cotisation peuvent accéder à l'AG

## Vendredi 11 septembre :

9h00 - 10h30 :

### D1 - Inequalities and developing countries. *Chairperson: Melindi-Ghidi Paolo*

- [Inequality of opportunity, income inequalities and environmental quality in china](#) – Aboufarasse Badreddine, Université de Bordeaux, GREThA (*discussant: Kurtyka Oliwia*)
- [Take a ride on the green side: How do CDM projects affect Indian manufacturing firms' environmental performance?](#) – Kurtyka Oliwia, Grenoble INP, GAEL (*discussant: Melindi-Ghidi Paolo*)
- [Particularism, dominant minorities and institutional change](#) – Melindi-Ghidi Paolo, Université Paris Nanterre, EconomiX (*discussant: Aboufarasse Badreddine*)

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### D2 - Bio diversity and natural resources 2. *Chairperson: Quérou Nicolas*

- [Scenes from a Monopoly: Renewable Resources and Quickest Detection of Regime Shifts](#) - Deopa Neha, The Graduate Institute of International and Development Studies (*discussant: Limbach Kristin*)
- [Collective Incentives in Agri-Environmental Schemes: Species Protection applied to the case of the European Hamster](#) – Limbach Kristin, ENGEES, GESTE (*discussant: Quérou Nicolas*)
- [Limited-tenure concessions for collective goods](#) – Quérou Nicolas, Université de Montpellier, Centre d'économie de l'Environnement - Montpellier (CEE-M) (*discussant: Deopa Neha*)

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### D3 - Climate change 2. *Chairperson: Gavard Claire*

- [Temperatures, Heterogeneous Exporters and Aggregate Trade](#) - Nedoncelle Clément, INRAE AgroParisTech Université Paris-Saclay, UMR Economie Publique (*discussant: Taconet Nicolas*)
- [Optimal climate policy when warming rate matters](#) – Taconet Nicolas, CIRED, ENPC (*discussant: Gavard Claire*)
- [Climate Finance and Emission Reductions: What Do the Last Twenty Years Tell Us?](#) – Gavard Claire, ZEW Mannheim (*discussant: Nedoncelle Clément*)

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**D4 - Energy policy 2. Chairperson: Jacqmin Julien**

- [Technological and behavioral policy levers to save energy in the workplace](#) – Fanghella Valeria, University of Trento, Department of Economics and Management (**discussant: Tuffery Laetitia**)
- [Nudging and Subsidizing for the Adoption of Smart Meters: A Choice Experiment with French Farmers](#) – Tuffery Laetitia, INRAE, CEE-M (**discussant: Jacqmin Julien**)
- [Grid regulation with heterogeneous prosumers](#) – Jacqmin Julien, NEOMA Business School (**discussant: Fanghella Valeria**)

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**D5 - Energy transition 2. Chairperson: Pommeret Aude**

- [Policy announcements and economic activity: modelling the energy transition on the micro-level](#) – Schaefer Andreas, University of Bath, Department of Economics (**discussant: Salem Iman**)
- [Household's investments in renewable energy and peer-to-peer trading](#) – Salem Iman, Liège Université, HEC Liège (**discussant: Pommeret Aude**)
- [Critical raw materials in the energy transition](#) – Pommeret Aude, USMB, IREGÉ (**discussant: Schaefer Andreas**)

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**10h45 – 12h45 :**

**E1 - Climate policies. Chairperson: Withagen Cees**

- [Long-term growth impact of climate change and policies: the Advanced Climate Change Long-term \(ACCL\) scenario building model](#) – Alestra Claire, Aix-Marseille University, AMSE (**discussant: Meunier Guy**)
- [Coordination of abatement and policy across interconnected sectors](#) – Meunier Guy, INRAE ALISS, CREST (**discussant: Pasquier Nicolas**)
- [Carbon mandates with cost-based vs. emission-based innovation](#) - Pasquier Nicolas, Université Grenoble Alpes, GAEL (**discussant: Withagen Cees**)
- [Monopoly, unilateral climate policies, and limit pricing](#) – Withagen Cees, IPAG Business School (Paris), Vrije Universiteit Amsterdam (**discussant: Alestra Claire**)

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**E2 - Disasters and risks. Chairperson: Aubert Cécile**

- [Are diversification a good option to reduce drought-induced risk of forest decline? Carbon accounting and economic approach](#) – Bréteau-Amores Sandrine, INRAE BETA (**discussant: Phelinas Pascale**)
- [The Economics of Volcanoes](#) – Phelinas Pascale, IRD, CESSMA/CERDI (**discussant: Renoir Clément**)
- [Connecting Climate Impact Assessments and Economic Growth Theory: the Case of Tropical Cyclones](#) – Renoir Clément, CER-ETH Center of Economic Research at ETH Zurich (**discussant: Aubert Cécile**)
- [Equilibrium social distancing efforts, public policies and the COVID-19 epidemics](#) – Aubert Cécile, Université de Bordeaux, GREThA (**discussant: Bréteau-Amores Sandrine**)

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**E3 - Environmental evaluation. Chairperson: Glachant Matthieu**

- [Does the Selective Erasure of Protected Areas Raise Deforestation in the Brazilian Amazon?](#) – Keles Derya, Université de Lorraine, Bureau d'Economie Théorique et Appliqué (**discussant: Goerger Amélie**)
- [The effect of the EU ETS on firms' investments protecting the environment](#) - Goerger Amélie, ETH Zurich, MTEC (**discussant: Roussel Sébastien**)
- [The Impact of Nature Exposure on Pro-Environmental Behavior: an Experimental Investigation](#) – Roussel Sébastien, Université Paul Valéry Montpellier 3, CEE-M (**discussant: Glachant Matthieu**)
- [Une évaluation ex post de l'impact de la tarification incitative sur les déchets ménagers en France](#) – Glachant Matthieu, CERNA–Centre d'économie industrielle, MINESParisTech (**discussant: Keles Derya**)

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**E4 - Health and environment 1. Chairperson: Lavaine Emmanuelle**

- [Who Contributes To and Who Suffers From Air Pollution in Monocentric Cities: A case Study in Paris](#) – Leroutier Marion, Paris School of Economics, Université Paris 1, CIRED (**discussant: Rosy Fares**)
- [The effect of fuel poverty on health care use: evidence from France](#) – Rosy Fares, Université Grenoble Alpes, GAEL (**discussant: Rinaldo Daniele**)
- [The Economic Impact of Schistosomiasis](#) – Rinaldo Daniele, Graduate Institute of International and Development Studies (IHEID) (**discussant: Lavaine Emmanuelle**)
- [Health status at birth and early childhood human capital. Evidence from the French ELFE cohort](#) – Lavaine Emmanuelle, CEE Montpellier (**discussant: Leroutier Marion**)

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**E5 – Transport. Chairperson: Marianna Marino**

- [Is the impact of transport modes on health an individual determinant of transport mode choice?](#) – Rejeb Rim, Université Grenoble Alpes UGA, Grenoble Applied Economics Lab GAEL (*discussant: Yao Zhenyu*)
- [Assessing residents’ support for environmentally-friendly public transportation upgrades across Europe](#) – Yao Zhenyu, Department of Agricultural and Applied Economics, Virginia Tech, USA (*discussant: Hoarau Quentin*)
- [Stranded to be? Diesel ban and used car markets](#) – Hoarau Quentin, RITM – Université Paris-Sud, Climate Economics Chair Université Paris-Dauphine, PSL Research University (*discussant: Marianna Marino*)
- [Dieselgate effect and its source of heterogeneity across countries](#) – Marianna Marino, SKEMA Business School (*discussant: Rejeb Rim*)

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**E6 - Agriculture 3. Chairperson: Subervie Julie**

- [Interest in promoting a 2-price system regarding efficient abatement of CH4 and N2O emissions sourced by agriculture in the European Union](#) – Jayet Pierre-Alain, INRAE, UMR Economie Publique (*discussant: Ollier Maxime*)
- [Distributional impacts of an emission tax on greenhouse gas emissions from European agriculture](#) – Ollier Maxime, INRAE, UMR Economie Publique (*discussant: Subervie Julie*)
- [Ex ante assessment of the cost-effectiveness of Agri-Environmental Schemes promoting compost use to sequester carbon in soils in Guadeloupe](#) – Subervie Julie, French National Research Institute for Agriculture, Food and the Environment (INRAE), Centre d'Economie de l'Environnement Montpellier (CEE-M) (*discussant: Marine Coinon*)
- [We Love Green: Households’ Valuation of Farming Practices and Challenges of Signalling](#) – Marine Coinon, Agrosup Dijon, CESAER (*discussant: Jayet Pierre-Alain*)

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**14h :**

**Table ronde sur la convention citoyenne pour le climat**

organisée par **Matthieu Glachant** (MINES Paristech) et **Louis-Gaëtan Giraudet** (Ecole des Ponts ParisTech)

Participants : **Loïc Blondiaux** (Univ. Paris 1 Panthéon-Sorbonne), **Anne Brigault** (Réseau Action Climat), **Christian de Perthuis** (Chère économie du climat), **Jean Guillaume Peladan** (sycomore asset management)

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