



## 2nd International Conference

### Environmental Economics: A Focus on Natural Resources

19-20 November 2020 - University of Orleans (ONLINE)

Organised by

Laboratoire d'Économie d'Orléans (LEO) CNRS  
and  
LABEX Voltaire - University of Orleans

## Program



# Thursday, November 19

All times are CET/Paris times. The code for all sessions is [eenr2020](#)

## 9H-11H Parallel sessions S1A, S1B and S1C

### S1A - Climate Change, Environment and Migration

**Chair: Arne Wiig**

**Online hosts: Xavier Galiègue and Vanessa Dovonou**

**Zoom link:** <https://zoom.us/j/78725903854?pwd=NXMwbnJZSjZwZlJpMUUrV0xGcEdmdz09>

Confronting Climate Change: Adaptation vs. Migration Strategies in Small Island Developing States

**Lesly Cassin**, Paolo Melindi Ghidi, Fabien Prieur

Resettlement Capacity Assessments for Climate Induced Displacements: Evidence from Ethiopia

**Solomon Zena Walelign**, Susan Cutter, Päivi Lujala

Industrial Fishing as Driver of Out-Migration in Africa

**Irène Hu**, François Libois

Preparing to Leave? Household Mobility Decisions in Climate Affected Areas of Coastal Bangladesh

**Arne Wiig**, Minhaj Mahmud, Ivar Kolstad, Päivi Lujala, Sosina Bezu

### S1B - Natural Disasters

**Chair: Anthony Paris**

**(organized with the support of the LABEX VOLTAIRE)**

**Online hosts: Anthony Paris and Arrouna Keita**

**Zoom link:** <https://zoom.us/j/99113362460?pwd=Ukp5OW43SzliRmxuUFF0NnR3cHFuUT09>

Natural Disasters and Financial Stress: Can Prudential Regulation Tame Green Swans?

**Pauline Avril**, Grégory Levieuge, Camélia Turcu

Murder Nature: Weather shocks and Violent Crime in Brazil

**Phoebe W. Ishak**

Lights Out? Earthquakes and Local Economic Activity

**Vincent Schippers**

## **S1C - Special Session: Emissions and Environmental regulation**

**Chair: Thaís Núñez Rocha**

**(organized with the support of the "Modelling, Simulation" Research Axis, MSH Val de Loire)**

**Online hosts: Thaís Núñez Rocha and Sahar Amidi**

**Zoom link:** <https://zoom.us/j/99605654086?pwd=bmVHcDhuL3dEL3I5Q3dJbmcw4WFXUT09>

Freedom of the Press, Inequality, and Environmental Policy

**Inmaculada Martínez, Jennifer Phillips**

The Spatial effect of Economic Growth on CO2 Emissions across Global Economies

Sahar Amidi, **Seyedeh Fatemeh Najafizadeh**

The Puzzle of Greenhouse Gas Footprints in Oil-producing Countries

**Richard Sadik-Zada, Andrea Gatto**

Environmental Legislation and PM2.5 Emissions

Inmaculada Martínez, **Thaís Núñez Rocha**

## **11H15 -12H30 Welcome and Keynote Lecture**

**Anastasios Xepapadeas (Athens University of Economics and Business and University of Bologna)**

***Spatial Environmental and Resource Economics: An Overview***

**Online hosts: Camelia Turcu and Dylan Bourny**

**Zoom link:** <https://zoom.us/j/89075925511?pwd=aEFtOTRNSzh5b0tZcmd4K1Jabm9DQQT09>

## **12H30 - 13H Break**

## **13H-14H Keynote Lecture**

**Richard Tol (Sussex University)**

***Testing the Dismal Theorem***

**Online hosts: Xavier Galiègue and Julie Leduc**

**Zoom link:** <https://zoom.us/j/96117648108?pwd=V0pFMkpTeGdDMkRVNEU4dIRrd0NLUT09>

## 14H15-16H15 Parallel sessions S2A, S2B and S3C

### S2A – Special Session: Oil, Gas and Mining Resource Management

**Chair: Djamel Kirat**

**(organized with the support of the LABEX VOLTAIRE)**

**Online hosts: Djamel Kirat and Inessa Benchora**

**Zoom link:** <https://zoom.us/j/99727146671?pwd=M0wydm91ZGVBNy9aY2xHNXhDSG80UT09>

Pushing One's Luck: Petroleum Ownership and Discoveries

**Christa N. Brunnschweiler**, Steven Poelhekke

Extractive Resources and Public Capital in Developing Countries: Does Public-Private Partnership matter?

Théophile T. Azomahou, **Mahamady Ouédraogo**

Depreciation and Exhaustible Resources, Exploring Harold Hotelling's Twin Project

Antoine Missemer, **Marion Gaspard**, Roberto Ferreira Da Cunha

Reclamation of a Resource Extraction Site: A Dynamic Game Approach

**Simone Marsiglio**, Nahid Masoud

### S2B - Resources, Growth and Sustainable Development

**Chair: Francesco Magris**

**Online hosts: Thaís Núñez Rocha and Pauline Avril**

**Zoom link:** <https://zoom.us/j/91998504513?pwd=ZTk3azUxZ3drbmNlbnFFWK3BMT2FQUT09>

Does Renewable Energy Consumption Matter for Economic Growth in Emerging EU Countries?

**Iuliana Matei**

Natural Resources and the Pace Economic Modernization

**Richard Sadik-Zada**

Internal Conflict: Fuelled by Scarcity or Abundance of Natural Resources?

**Dief Reagen Nochi Faha**

Public Finances, Natural Resources and Growth in an OLG Economy

Nicolas Cloutens, **Francesco Magris**

### S2C - Resource Prices and Finance

**Chair: Sébastien Galanti**

**Online hosts: Sébastien Galanti and Sahar Amidi**

**Zoom link:** <https://zoom.us/j/88221364661?pwd=emlzVkNlSEtDa0lmSHpEQTB0SFZ1dz09>

World Shocks and Commodity Price Fluctuations: Evidence from Resource-Rich Economies

**Filippo Arigoni**

Investigating the Impact of Exchange Rate Fluctuations and the Oil Price Shocks on Household Welfare: CGE Model Approach

**Rezgar Feizi**, Sahar Amidi

On the Use of True Real-Time Data to Predict Real Commodity Prices: the Role of Temperature Data in Forecasting The U.S. Natural Gas Price

**Arthur Thomas**, Zakaria Moussa, Benoît Sévi

Digital Finance, Development and Climate Change

**Sébastien Galanti**, Çiğdem Yilmaz Özsoy

## 16H30-18H30 Parallel Sessions S3A and S3B

### S3A - Trade and Environment

**Chair: Isabelle Rabaud**

**Online hosts: Isabelle Rabaud and Julie Leduc**

**Zoom link:** <https://zoom.us/j/83241276025?pwd=cEpPYkNjanJlbndDMHdQZU9NZ093Zz09>

Carrot Or Stick? Environmental Taxation, Green Public Procurement, and Trade Integration

**Vera Danilina**, Federico Trionfetti

Transnational Transfer of Carbon emissions embodied and Carbon Tax in Trade: Characteristics and Determinants from a Spatial Perspective

**Sahar Amidi**, Rezgar Feizi, Thaís Núñez Rocha, Isabelle Rabaud

Fuels Production and Trade-New Insights

**Dylan Bourny**, Camélia Turcu

### S3B - Environmental Policy: Theory

**Chair: Xavier Galiègue**

**Online hosts: Xavier Galiègue and Vanessa Dovonou**

**Zoom link:** <https://zoom.us/j/78901689726?pwd=d1VtaWFkYkNjanJlbndDMHdQZU9NZ093Zz09>

Building Infrastructures for Fossil- and Bio-Energy with Carbon Capture and Storage: Insights from a Cooperative Game-Theoretic Perspective

**Emma Jagu**, Olivier Massol

Renewable Resource Use with Imperfect Self-Control

Holger Strulik, **Katharina Werner**

Pollution in a Globalized World: Are Debt Transfers among Countries a Solution?

Marion Davin, **Mouez Fodha**, Thomas Seegmuller

An Axiomatic Characterization of a Generalized Ecological Footprint

**Thomas Kuhn**, Radomir Pestow, Anja Zenker

# Friday, November 20

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## 9H00-11H00 Parallel sessions S4A, S4B and S4C

### S4A - Environment and Climate: Beliefs, Preferences and Attitudes

**Chair: Béatrice Boulu-Reshef**

**Online hosts: Anthony Paris and Andreea Draghici**

**Zoom link:** <https://zoom.us/j/94929165039?pwd=S3Q0RkJwbXZqR2VmZ0ZpZjdaSVhxZz09>

Does Changing the Narrative Improve Host Community Attitudes To Climate Migrants?  
Experimental Evidence from Bangladesh

**Ivar Kolstad**, Sosina Bezu, Päivi Lujala, Minhaj Mahmud, Arne Wiig

Yellow Vests, Carbon Tax Aversion, and Biased Beliefs

**Thomas Douenne**, Adrien Fabre

Sustainable Mobility in Germany: Results from a Discrete Choice Experiment on Attitudes of  
Alternative Vehicles

**Kai Rommel**, Julian Sagebiel

Signaling Trustworthiness with Impact Investments

**Béatrice Boulu-Reshef**, Graciela Kuechle, Luise Rohland

### S4B - Special Session: Natural Resources: Trade and Macroeconomic Effects

**Chair: Camélia Turcu**

**(organized with the support of the "Modelling, Simulation" Research Axis of  
MSH Val de Loire)**

**Online hosts: Camélia Turcu and Arrouna Keita**

**Zoom link:** <https://zoom.us/j/85251861558?pwd=bGZ6c3A0N1cvMThqdHV5UUF4Nys4dz09>

Natural Resources and Export Diversification in Africa

**Dieynaba Niass**

Natural Resource Discoveries and Fiscal Discipline

**Arrouna Keita**, Kady Keita and Camélia Turcu

Infrastructure Aid for Resource Trade? The Crossroads of Strategy and Sustainable  
Development

Hendrik W. Kruse, Thaís Núñez Rocha, **Camélia Turcu**

## **S4C - Land, Pollution and Environmental Policy**

**Chair: Katheline Schubert**

**Online hosts: Thaís Núñez Rocha and Sahar Amidi**

**Zoom link:** <https://zoom.us/j/82434483681?pwd=RmNKUW1vZm04MVJpUy95MHI2VU5FZz09>

Willingness of the Forest Fringe Dwellers for Conservation of Laokhowa and Burhachapori Wildlife Sanctuaries in Northeast India

**Das Kulen Chandra, Dutta Mrinal Kanti**

Industrial Water Pollution and Crop Production in China

**Maimouna Barro, Sébastien Marchand, Huanxiu Guo**

Land Rights and Risk Sharing in Rural West Africa

**Georgios Manalis**

Volatility-Reducing Biodiversity Conservation under Strategic Interactions

Emmanuelle Augeraud-Véron, Giorgio Fabbri, **Katheline Schubert**

## **11H15-12h15 Keynote Lecture**

**Lucas Bretschger (ETH Zurich)**

***Efficient Climate Policy Based on Resource Economics***

**Online hosts: Djamel Kirat and Inessa Benchora**

**Zoom link:** <https://zoom.us/j/94680749231?pwd=ZVlyazgwb25TNzNXNE5FbVdtL3hkZz09>

## **12h15-13H Break**

## **13h-15H Parallel sessions S5A, S5B and S5C**

### **S5A - Climate Change**

**Chair: Maxime Menuet**

**Online hosts: Camelia Turcu and Lucien Ahouangbe**

**Zoom link:** <https://zoom.us/j/83443563374?pwd=cUZPamhPTU1DUWVKOXR4Szi0bEVsUT09>

Optimism, Pessimism and Climate Change: Mitigation and Adaptation under Strategic Ambiguity

**Nahed Eddai, Ani Guerdjikovay**

Long-Term Growth Impact of Climate Change And Policies: The Advanced Climate Change Long-Term (ACCL) Scenario Building Model

**Claire Alestra, Gilbert Cette, Valérie Chouard, Rémy Lecat**



The Intergenerational Political Economy of Natural Resources and Environmental Externalities  
**Arnaud Goussebaile**

Public debt versus Environmental debt: What are the relevant Tradeoffs?

Mohamed Boly, Jean-Louis Combes, Pascale Combes-Motel, **Maxime Menuet**, Alexandru Minea, Patrick Villieu

## **S5B - Special Session: Natural Resource Curse**

**Chair: Elizavetta Dorinet**

**(organized with the support of the LABEX VOLTAIRE)**

**Online hosts: Anthony Paris and Sahar Amidi**

**Zoom link:** <https://zoom.us/j/98920721233?pwd=RVJDZEY5VVpCT2xiR0hqcytITHdLQT09>

A Resource-Rich Neighbor is a Misfortune: Spatial Distribution of the Resource Curse in Brazil

**Phoebe W. Ishak**, Pierre-Guillaume Méon

Revisiting the Resource Curse: Does Volatility Matters?

**Yassine Kirat**

Is the Agricultural Sector Cursed too? Evidence from Sub-Saharan Africa

**Elizavetta Dorinet**, Pierre-André Jouvét, Julien Wolfersberger

## **S5C - Labour, Conflicts and Environmental Policies**

**Chair: Marcel Voia**

**Online hosts: Marcel Voia and Andreea Draghici**

**Zoom link:** <https://zoom.us/j/92027903141?pwd=dzhQdWtNNzdBVkFMUHU1R2ZPRjBIQT09>

Sexual Violence as a Weapon Of War. The Impact of Local Economic Resources on Violence Against Citizens

Maleke Fourati, **Victoire Girard**, Jeremy Laurent-Lucchetti

The Effect of Climate Policies on the Labor Market in Developing Countries

**Noe Nicolas Reidt**

Environment, Growth and International People flows in OECD countries. A Panel Study

**Gianluigi De Pascale**, Ruggiero Sardaro, Nicola Faccilongo, Francesco Contò

## **15H15-16h15 Keynote Lecture**

**Luiz Awazu Pereira da Silva (Bank for International Settlements)**

*Green Swans as Global Risks*

**Online hosts: Anthony Paris and Pauline Avril**

**Zoom link:** <https://zoom.us/j/95348896868?pwd=czhReHo2dFlvRDNJM0lyR0tDQWUxQT09>