

# International Conference

## ENVIRONMENTAL ECONOMICS: A FOCUS ON NATURAL RESOURCES

5-6 April 2018 - University of Orleans

*Organised by*

Laboratoire d'Économie d'Orléans (LEO) CNRS  
and

LABEX Voltaire - University of Orleans

### Programme Committee

**GALIEGUE Xavier**

**GIRARD Victoire**

**KIRAT Djamel**

**NUNEZ-ROCHA Thais**

**TURCU Camélia**

### Administrative Support

**CHAMAILLARD Cécile**



# Conference Program

Thursday, April 5

9h - 9h30 Welcome Speech

9h30 - 11h30 Parallel sessions

## Forest policy

Chair: **STENGER Anne**

**BRETEAU-AMORES Sandrine**, BRUNETTE Marielle, DAVI Hendrik

An economic comparison of adaptation strategies towards a drought-induced risk of forest decline: financial vs. carbon balance

ABILDTRUP Jens, **OUVRARD Benjamin**, STENGER Anne

Closing nutrient cycles with wood-ash recycling in Sweden - Investigating preferences among forest owners

**HERZBERG Julika**

Protection and profit: Spill-over effects of governmental and market-based forest policies

ABILDTRUP Jens, BOSTEDT Göran, OUVRARD Benjamin, **STENGER Anne**

Nudging acceptability for wood-ash recycling in forests

## Climate change, wealth and migration

Chair: **BAUDASSE Thierry**

**CASSIN Lesly**

The effects of migration and pollution externality on natality in Caribbean economies: a theoretical analysis

Chort Isabelle, **DE LA RUPELLE Maëlys**

Managing the impact of climate change on migration: evidence from Mexico

**GALLIC Ewen**, VERMANDEL Gauthier

Weather Shocks, Climate Change and Business Cycles

TERRENCE Iverson, **JAAKOLA Niko**

Sea level rise and the social cost of flood insurance subsidies

## Natural resources protection

Chair: **GIRARD Victoire**

**KELES Derya**

What drives the withdrawal of protected areas? Evidence from the Brazilian Amazon

**LAWSON Laté**, NGUYEN-VANA Phu

Is a peaceful cohabitation between living species possible? An empirical analysis on the drivers of threatened species

**NGOUHOUE-POUFOUN Jonas, DELACOTE Philippe**

What drives livelihoods' strategies in rural areas? Evidence from the Tridom Conservation Landscape using Spatial Probit Analysis

**TARDIEU Lea, TUFFERY Laetitia**

Preserving natural habitat quality and/or recreational attractiveness? Spatial tools for management planning

**11h30 - 11h45 Coffee break**

**11h45 - 12h45 Keynote Lecture**

**STERNER Thomas (University of Gothenburg)**

**"Does the market trump politics?"**

**12h45 - 14h15 Lunch at "Agora" Restaurant**

**14h15 - 16h15 Parallel sessions**

**Special session "Recycling"**

**Chair: GUYONNET Dominique**

(organized with the support of BRGM and Labex Voltaire)

**DE BEIR Jean, SOURRISSEAU Sylvain**

The effect of recycling over a mining oligopoly

**FABRE Adrien, FODHA Mouez, RICCI Francesco**

Mineral resources for renewable energy: optimal timing of energy production

**GODZINSKI Alexandre**

Towards a circular economy: taxing extraction or landfilling? Lessons from a two-country CGE model

**VIDAL Olivier**

Modelling the past and future production of mineral resources

**Special session "Environmental regulation"**

**Chair: TURCU Camélia**

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

**BITAT Abdelfeteh**

The dynamic effect of policy-induced eco-innovation on business competitiveness: evidence on Porter Hypothesis from German panel data

**MARTINEZ-ZARZOSO Inmaculada, PHILLIPS J.M.**

Freedom of the press, inequality, and environmental legislation

**NUNEZ-ROCHA Thais, TURCU Camelia**

Trade in fuels and environmental regulation

**ZUGRAVU-SOILITA Natalia**

Trade in environmental goods: empirical exploration of direct and indirect effects on pollution by country's trade status

## Managing resources: empirics

Chair: **BAZILLIER Rémi**

**LAILLE Pauline, LEFEBVRE Marianne, MASLIANSKAIA-PAUTREL Masha**

Individual preferences regarding pesticide-free management of green-spaces: a discreet choice experiment with French citizens

**BEN-SALHA Ousama, DACHRAOUI Hajer, SEBRI Maamar**

Natural resource rents and economic growth in the top resource abundant countries: a PMG estimation

**MILOVICH Juliana**

The impact of the expansion of African palm crop on food and nutrition security in Guatemala

**OUKACI Kamal, MEHIDI Kahina**

Natural resources management, institutions and growth: the case of African countries

**16h15 - 16h30 Coffee break**

**16h30 - 18h00 Parallel Sessions**

## Critical and exhaustible resources

Chair: **GALIEGUE Xavier**

**CHRISTENS Sven**

Water allocation in river basins between upstream and downstream states

**MASSOL Olivier, RIFAAT Omer**

Phasing out the U.S. Federal Helium Reserve: Policy insights from a world helium model

**GASPARD Marion, MISSEMER Antoine**

Early stages of economic dynamics: is there a Ramsey-Hotelling connection?

## Energy

Chair: **MARTINEZ-ZARZOSO Inmaculada**

**GIRAUDET Louis-Gaëtan, PETRONEVICH Anna, FAUCHEUX Laurent**

How do lenders price energy-efficiency loans? Evidence from France

**HOANG Thi Hong Van, HUSSAIN SHAHZAD Syed Jawad, CZUDAJ Robert, BHAT Javed**

How does renewable energy consumption interact with oil shocks? A disaggregated analysis of the U.S.

**TALEVI Marta**

Willingness to pay for improved cookstoves: selling ice to Eskimos?

## Geoengineering and BECCS

Chair: **VIDAL Olivier**

**HEYEN David, HORTON Joshua, MORENO-CRUZ Juan**

Strategic implications of counter-geoengineering: clash, cooperation, or nonuse?

**LAUDE Audrey**

Co-authorship network in the BECCS (bioenergy with carbon capture and storage) research community

**DANNENBERG Astrid, ZITZELBERGER Sonja**

Expert views on geoengineering

**19h30 Gala Dinner at the "Lift" Restaurant**

# Friday, April 6

## 9h00 - 11h00 Parallel Sessions

### Resources, growth, sustainable development

Chair: JAKKOLLA Niko

**CLOOTENS Nicolas**

Growth in an overlapping generation economy with a polluting non-renewable resource

**DEL CAMPO Stellio**

Can intragenerational and intergenerational equity be reconciled with renewable resources?

**MAVI Can Askan**

What can abrupt events tell us about sustainability?

**REISINEZHAD Arsham**

Economic growth and income inequality in resource countries: theory and evidence

### Special session "Natural disasters" Chairs: MILLOCK Katrin & RABAUD Isabelle

**DALLMANN GAMARRA Ingrid**

Weather variations and international trade

BARROWS Geoffrey, CALEL Raphael, **OLLIVIER H el ene**

Trade-induced spillovers from natural disasters

EL HADRI Hajare, **MIRZA Daniel**, RABAUD Isabelle

Why natural disasters do not lead to exports disasters in developing countries

FELBERMAYR Gabriel, GR OSCHL Jasmin, SANDERS Mark, **SCHIPPERS Vincent**, STEINWACHS Thomas

Illuminating the spatial connectivity of disasters

### Managing resources: theory

Chair: FODHA Mouez

**LIBOIS Fran ois**

Success and failure of communities managing natural resources: static and dynamic inefficiencies

**PECHER Pierre**

Ethnic divisions and the effect of appropriative competition intensity on economic performance

**QUEROU Nicolas**

Interacting collective action problems in the commons

L OWENSTEIN Wilhelm, **ZADA Richard**

A note on the asymmetric Hubbertian revenue distribution and rent-seeking incentive

## 11h00 - 11h15 Coffee break

## 11h15 - 12h15 Keynote Lecture

**VAN DER PLOEG Rick (Oxcarre, University of Oxford)**  
"Climate Policy, Unburnable Carbon and Stranded Assets"

## 12h15 - 13h45 Lunch at "Agora" Restaurant

## 13h45 - 15h45 Parallel sessions

### Energy and development

**Chair: KIRAT Djamel**

**CHIROLEU-ASSOULINE Mireille, FODHA Mouez, KIRAT Yassine**  
Carbon curse in developed countries

**BAUSASSE Thierry, HORUSKOVA Michaela**  
Is there a trilemma of energy policy? A theoretical and empirical approach

**BERRY Audrey**  
Measuring energy poverty: a multidimensional index to broaden the scope of policy responses

**MATEI Iuliana**  
Does energy consumption stimulate economic growth? Empirical evidence for Emerging European countries

### Climate change, pollution and recycling

**Chair: WHITAGEN Cees**

**BENCHEKROUN Hassan, VAN DER MEIJDEN Gerard, WITHAGEN Cees**  
OPEC, shale oil, and global warming

**BA Bocar Samba, COMBES-MOTEL Pascale, SCHWARTZ Sonia**  
To what extent do recycling and taxation of rare earths mitigate the balance problem and control pollution?

**BELLEFLAMME Paul, HA Huan**  
Scraps collection for recycling how far should we go?

**ING Julie, NICOLAI Jean-Philippe**  
North-South diffusion of climate-mitigation technologies: The crowding-out effect on relocation

### Taxes and resources

**Chair: TOEWS Gerhard**

**STEFANSKI Radoslaw, TOEWS Gerhard**  
What's in a wedge? Distortions in the oil industry

**BRUN Jean François, COULIBALY Seydou**  
Natural resources wealth and Non-resource tax mobilization in Africa: the role of institutions and economic diversification

**DOUENNE Thomas**  
The vertical and horizontal distributive effects of energy taxes: A micro-simulation study of a French policy

**ING Julie**  
Adverse selection, commitment and exhaustible resource taxation

**15h45 - 16h00 Coffee break**

**16h00 - 18h00 Parallel Sessions**

**Energy transition and structural change**

**Chair: SCHUBERT Katheline**

**BANGALORE Mook**

Assessing the benefits of fuel conversion: A quasi-experimental evaluation of the short-term impacts of Indonesia's LPG Conversion Program on households in West Nusa Tenggara province

**RAVINA Alessandro**

Assessing transition risk at microeconomic level with a stress test methodology

**POMMERET Aude, SCHUBERT Katheline**

Energy transition with variable and intermittent renewable electricity generation

**LÖWENSTEIN Wilhelm, ZADA Richard**

Autocratic bargaining and the speed of structural change in the petroleum exporting labor surplus economies

**Oil and mining resource management**

**Chair: BRUNNSCHWEILER Christa**

**BRUNNSCHWEILER Christa, EDJEKUMHENE Ishmael, LUJALA Päivi**

Does information matter? Transparency and demand for accountability in Ghana's resource revenue management

**BAZILIER Rémi, GIRARD Victoire**

The gold digger and the machine. Evidence on the distributive impact of the artisanal and industrial gold boom in Burkina Faso

**GUENTHER Martin**

Local effects of artisanal mining: empirical evidence from Ghana

**HARDING Tornn, STEFANSKI Radoslaw, TOEWS Gerhard**

Boom goes the price: giant resource discoveries and real exchange rate appreciation

**Trade and environment**

**Chair: NUNEZ-ROCHA Thais**

**DANILINA Vera**

Trade integration and the polarisation of eco-labelling strategies

**BOUZIRI Amira, GHAZZAI Hend, LAHMANDI-AYED Rim**

International ecolabel vs national ecolabels

**KUHN Thomas, PESTOW Radomir, ZENKER Anja**

Endogenous climate coalitions and free trade - building the missing link

**CIUCI Juien, PRUNETTI Dominique, TURCU Camelia**

Firms, taxes and environment

**18h00 Closing Remarks**