

3rd Toulouse Conference on Environment and Resource Economics

Toulouse, June 14-16, 1999

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FEEM, IDEI and INRA CONFERENCE

Sponsored by

the **MATE**

on

Environment, Energy Uses and Climate Change

The conference will take place at the

**UNIVERSITE DES SCIENCES SOCIALES
MANUFACTURE DES TABACS
21 allée de Brienne
31000 Toulouse – France
Building I – Amphi Colloques MI V**

Scientific Committee : J.P. Amigues (INRA Toulouse), C. Carraro (FEEM and Università Ca Foscari, Venezia), G. Gaudet (Université de Montréal), N. Ladoux (IDEI, LEMME and Université de Toulouse), J.J. Laffont (IDEI and Université de Toulouse), M. Moreaux (IDEI, INRA and Université de Toulouse), S. Salant (University of Michigan, Ann Arbor), B. Sinclair-Desgagné (CIRANO and Ecole Polytechnique, Montréal) and D. Zilberman (University of California, Berkeley).

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FEEM - Fondazione Eni Enrico Mattei, Milano, Italy

IDEI – Institut d’Economie Industrielle, Toulouse, France

INRA – Institut National de la Recherche Agronomique, Paris, France

MATE – Ministère de l’Aménagement du Territoire et de l’Environnement, Paris, France

Monday, June 14

8.00 – 8.30 Registration

Preliminary session Chair person: Carlo CARRARO

8.30 – 9.15 PHILIPPE JEAN-BAPTISTE, *Global Warming: The Scientists Point of View*

Morning session Chair person: Patrick REY

9.15 – 10.00 Parkash Chander, HENRY TULKENS, Jean-Pascal Van Ypersele and Stefan Willems, *The Kyoto Protocol: an Economic and Game Theoretic Interpretation*
Discussant: Gérard GAUDET

10.00 – 10.45 Francesco Bosello and ROBERTO ROSON, *Carbon Emissions Trading and Equity in International Agreements*
Discussant: Bertrand VILLENEUVE

10.45 – 11.15 Coffee Break – Room ME 001

11.15 – 12.00 MARZIO GALEOTTI and Alessandro Lanza, *Richer and Cleaner? A study on Carbon Dioxide Emissions in Developing Countries*
Discussant: Alain BOUSQUET

12.00 – 13.45 Lunch – Restaurant Universitaire de l’Arsenal, 2 bd. Armand Duportal

Afternoon session Chair person: Jacques CREMER

14.00 – 14.45 ROBERT S. PINDYCK, *Irreversibilities and the Timing of Environmental Policy*
Discussant: Bruno JULLIEN

14.45 – 15.30 David L. Kelly, CHARLES KOLSTAD and Glenn Mitchell, *Adjustment Costs from Environmental Change Induced by Incomplete Information and Learning*
Discussant: Jean-Charles ROCHET

15.30 – 16.15 Francesco Bosello and MICHELE MORETTO, *Dynamic Uncertainty and Global Warming Risk*
Discussant: Anne EPAULARD

16.15 Coffee Break – Room ME 001

Special session **IDEI Annual Lecture** – Amphi MB 1

17.30 WILLIAM D. NORDHAUS – *Global Public Goods and the Problem of Global Warming*

19.00 Cocktail

20.30 Dinner - Restaurant « 7 Place Saint Sernin », 7 place Saint Sernin

Tuesday, June 15

Morning Session Chair person: Henry TULKENS

- 8.30 – 9.15 CHRISTIAN GOLLIER, *Discounting the Far-Distant Cash Flows*
Discussant: Katheline SCHUBERT
- 9.15 – 10.00 Paolo Buonanno, Carlo Carraro, Efrem Castelnuovo and MARZIO GALEOTTI,
*Efficiency and Equity of Emission Trading with Endogenous Environmental
Technical Change*
Discussant: Franck PORTIER
- 10.00 – 10.30 Coffee Break – Room ME 001
- 10.30 – 11.15 Minh Ha-Duong and NICOLAS TREICH, *Uncertainty and Intergenerational
Equity in the Global Warming Problem: A Recursive Preference Approach*
Discussant: Aude POMMERET
- 11.15 – 12.00 JOSEF JANSSEN, *(Self-) Enforcement of Joint Implementation and Clean
Development Mechanism Contracts*
Discussant: François SALANIE
- 12.00 – 13.45 Lunch - Restaurant Universitaire de l'Arsenal, 2 bd. Armand Duportal

Afternoon session Chair person: André GRIMAUD

- 14.00 – 14.45 UJJAYANT CHAKRAVORTY, *Endogenous Substitutions of Energy Resources*
Discussant: Gilles ROTILLON
- 14.45 – 15.30 Francesco Bosello and CARLO CARRARO, *Recycling Energy Taxes.
Impacts on a Disaggregated Labour Market*
Discussant: Norbert LADOUX
- 15.30 – 16.15 CAROLYN FISCHER, *Output Based Rebating of Environmental Policy Revenues:
Imperfect Competition and Imperfect Participation*
Discussant: Marc VIELLE
- 16.15 Coffee Break – Room ME 001
- 20.00 Dinner - Restaurant Brasserie « Les Beaux Arts », 1 quai de la Daurade

Wednesday, June 16

Morning session Chair person: Francesco RICCI

- 8.30 – 9.15 ROBERT T. DEACON, *The Political Economy of Environment-Development Relationships: A Preliminary Framework*
Discussant: Jean-Paul AZAM
- 9.15 – 10.00 Gordon C. Rausser, LEO K. SIMON and Jinhua Zhao, *Environmental Remedies: An Incomplete Information Game*
Discussant: Jocelyn DONZE
- 10.00 – 10.30 Coffee Break – Room ME001
- 10.30 – 11.15 BRUCE A. BABCOCK and Gregory R. Pautsch, *Relative Efficiency of Sequestering Carbon in Agricultural Soils Through Second Best Market-Based Instruments*
Discussant: Alban THOMAS
- 11.15 – 12.00 DAVID ZILBERMAN, *Climate Change and Agriculture*
Discussant: Jean-Pierre AMIGUES
- 12.00 – 13.45 Lunch – Restaurant Universitaire de l’Arsenal, 2 bd. Armand Duportal

Afternoon session Chair person: Rim LAHMANDI-AYED

- 14.00 – 14.45 TERRENCE M. HURLEY and Jason F. Shogren, *An Experimental Evaluation of Environmental Conflict*
Discussant: Bruno BIAIS
- 14.45 – 15.30 MARCEL BOYER, Tracy R. Lewis and Wei Lin Liu, *Setting Standards for Credible Compliance and Law Enforcement*
Discussant: Philippe BONTEMS
- 15.30 – 16.15 GERARD MONDELLO and M. Tidball, *Environmental Liability and Technology Choice: A Duopolistic Analysis*
Discussant: Bernard SINCLAIR-DESGAGNE
- 16.15 Coffee Break – Room ME 001