



## **12<sup>th</sup> Biennial Conference of the International Society for Ecological Economics ISEE 2012: *ECOLOGICAL ECONOMICS AND RIO +20***

***CONTRIBUTIONS AND CHALLENGES FOR A GREEN ECONOMY*** 16-19 June, 2012, Rio de Janeiro, Brazil

**PANEL SESSION** Sunday, June 17, 1:30 – 4:45 pm

### **THE ROLES OF ECONOMIC INSTRUMENTS IN THE CONSERVATION POLICYMIX.**

#### **CONVENORS/CHAIRS**

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#### **DESCRIPTION**

Global biodiversity loss urgently calls for conservation policies at different scales. In most countries, the policies for biodiversity conservation and ecosystem services provision involve a wide range of policy instruments. The use of economic instruments is gaining increasing attention within the adopted policy mixes.

This session will focus on case studies developed in the scope of the **EU FP7 POLICYMIX** project (<http://policymix.nina.no/>). The objective of these studies is to analyse the institutional context and conduct a scientific assessment of the role of selected existing or new economic instruments in policies for biodiversity conservation and sustainable use of forest ecosystem services at national or state levels. Recommendations to improve the design of policy mixes and the policy impact are also discussed.

The case studies build on a common conceptual framework for assessing instruments in policy mixes focusing on two aspects: 1) what is the specific or functional role of the relevant instrument in the mix in terms of synergies, conflict or temporal sequencing with other instruments? 2) what is the additional value of the instrument in the policy mix in terms of outcomes? One instrument may increase conservation effectiveness, another save costs, yet another contributes to the acceptability through more distributive fairness, and finally, some may be required due to legal and institutional requirements in a certain socio-cultural setting.



This session will provide an opportunity to discuss methodological issues regarding the assessment of policy mixes as well as empirical results.

The presented case studies will address the following questions:

- What role can economic instruments play in the policy mix for biodiversity conservation in the country or state?
- What are the experiences with economic instruments so far?
- How could existing economic instruments be strengthened or new ones introduced?
- What are the potential impacts of such instruments?
- What are the methodological challenges and possible solutions to analyzing interactions between instruments?

The session program will be structured taking into account case study similarities, grouping cases in clusters of similar methodologies and instruments.

The session is open for all ISEE participants. It communicates well with the main Conference theme "*CONTRIBUTIONS AND CHALLENGES FOR A GREEN ECONOMY*", and with several other sub-conference themes.

## **PROGRAM - INVITED ABSTRACTS**

The panel on "The role of economic instruments in the conservation policy mix" will be organized in two sequential sessions of 90m each, including 8 papers in total. Seven papers will be presented by the Polycimix national case-study teams and one synthesis presentation on cross-case comparisons will be presented by a coordination team. The proposed program is the following:

**SESSION I – THE ROLE OF VOLUNTARY CONTRACT AND PES IN THE CONSERVATION POLICY MIX (90 min)**  
Sunday, June 17, 1:30 - 3:00 pm

- **The role of voluntary forest conservation in the policy mix in Norway**

Henrik Lindhjem, David N. Barton, Stefan Blumentrath, Vegard Gundersen, Graciela M. Rusch, Anne Sverdrup-Thygeson, Hanne Svarstad

Norwegian Institute for Nature Research (NINA), Norway

- **Institutional evolution and forest owner perceptions in a policy-mix for voluntary conservation in Finland**

Eeva Primmer, Riikka Paloniemi, Susanna Sironen, Anna Tainio, Jukka Similä, Pekka Leskinen

Finnish Environment Institute, Finland



- **The role of payments for environmental services in the policymix in Costa Rica**

A. Chacon-Cascante<sup>1</sup>, Juan Robalino<sup>1</sup>, Muhammad Ibrahim<sup>1</sup>, Ina Porras<sup>2</sup>

<sup>1</sup> Tropical Agricultural Research and Higher Education Centre, Costa Rica

<sup>2</sup> International Institute for Environment and Development (IIED), UK

- **The challenge of preserving the Atlantic Forest Biome in Brazil: the role of payments for ecosystem services**

Ademar Ribeiro Romeiro<sup>1</sup>, Daniel Caixeta Andrade<sup>2</sup>, Ranulfo Paiva Sobrinho<sup>1</sup>, Paula Bernasconi<sup>1</sup>, Bruno Puga<sup>1</sup>

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- **Discussion**

SESSION II – THE ROLE OF ECOLOGICAL FISCAL TRANSFERS IN THE CONSERVATION POLICYMIX AND SYNTHESIS, Sunday, June 17, 3:15 - 4:45 pm

- **The “Ecological” Value Added Tax (ICMS-Ecológico) in Brazil and its effectiveness in State Biodiversity Conservation: a comparative analysis**

Peter H. May<sup>1</sup>, Maria Fernanda Gebara<sup>1</sup>, Bruna Ranção Conti<sup>2</sup>, Guilherme Rodrigues Lima<sup>3</sup>

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<sup>3</sup> IE/UFRRJ, CNPq scientific initiation scholar, Brazil

- **Ecological fiscal transfers in Portugal: their role and incentive in the policymix for biodiversity conservation**

Rui Santos<sup>1</sup>, Irene Ring<sup>2</sup>, Paula Antunes<sup>1</sup>, Pedro Clemente<sup>1</sup>

<sup>1</sup> Centre for Environmental and Sustainability Research (CENSE-FFCT/UNL), Portugal

<sup>2</sup> UFZ Helmholtz Centre for Environmental Research, Germany

- **Ecological fiscal transfers in Germany and their role in the policy mix for biodiversity conservation**

Christoph Schröter-Schlaack<sup>1</sup>, Irene Ring<sup>1</sup>, Stefan Möckel<sup>1</sup>, Christiane Schulz-Zunkel<sup>1</sup>, Nele Lienhoop<sup>1</sup>, Reinhard Klenke<sup>1</sup>, Klaus Henle<sup>1</sup>, Thomas Lenk<sup>2</sup>

<sup>1</sup> UFZ Helmholtz Centre for Environmental Research, Germany

<sup>2</sup> University of Leipzig, Germany



- **Why does the functional roles of economic instruments vary across different national policy mixes? – examples from PES and EFT**

David Barton<sup>1</sup>, Rui Santos<sup>2</sup>, Peter May<sup>3</sup>, Irene Ring<sup>4</sup>, Christoph Schröter-Schlaack<sup>4</sup>, Graciela Rusch<sup>1</sup>

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- **Final discussion**