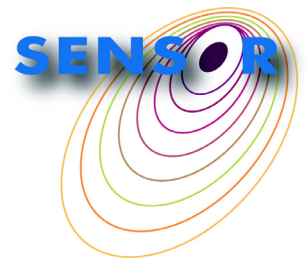


**Sustainability Impact Assessment:  
Tools for Environmental, Social and Economic Effects  
of Multifunctional Land Use in European Regions**



**User Forum for Sustainability Impact Assessment Tools  
Land Use Policy: Risk, Transparency and Integration**

**22-23 April 2009, University Foundation, Brussels**

**Science Day: SENSOR in a nutshell**

**Wednesday, 22 April 2009 10:00 a.m. – 18:00 p.m.**

Modelling for Impact Assessment: Risk assessment and forecast  
Qualitative and quantitative Tools – Gains in Transparency  
Multicriteria Analysis: Sustainability Impact Assessment

Dialogue: Policy support – What knowledge can SENSOR results provide to the decision maker

**Policy Day: Impact assessment of land use policies**

**Thursday, 23 April 2009 9:00 a.m. – 17:00 p.m.**

SENSOR scenarios for 2025: Financial Reform and CAP  
LUNCH with the experts! Role of Research for Sustainable Development  
Hands on Demonstration of model based and participatory Tools

Science - Policy Dialogue

**Rationale**

The EU Integrated Project SENSOR has developed a whole string of innovative Sustainability Impact Assessment Tools designed to measure future effects of land use policies in Agriculture, Forestry, Tourism, Nature Protection, Energy and Transport Infrastructure. Combining a 'Science Day' with a 'Policy Day', this conference seeks to demonstrate applications of tools and methods for two concrete policy cases: the EU Financial Reform and a Bioenergy Case for EU27 in 2025. Throughout, current and potential users will stand central when examining questions of risk assessment, methodological transparency, as well as examples for integrated research.

**Location**

University Foundation  
Room Felicien Cattier, Salle A  
Egmont street 11  
B-1000 Brussels  
Email: [www.universityfoundation.be](http://www.universityfoundation.be)

**Organisation**

Leibniz Centre for Agricultural Landscape Research e.V.  
ALTERRA

**Contact**

Email: [sensor@zalf.de](mailto:sensor@zalf.de); [www.sensor-ip.eu](http://www.sensor-ip.eu)

## Science Day: SENSOR in a nutshell

Methodological Advances to support Impact Assessment at EC level

 Wednesday, 22 April 2009

10:00 a.m. – 18:00 p.m.

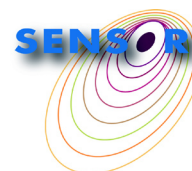
10:00 – 10:45	Registration and COFFEE
10:45 – 11:00	Welcome and Introduction (Peter de Smedt, EC DG RTD)
11:00 – 13:00	<b>Session 1: Use of Tools for Impact Assessment and Forecast</b> Chair: Reinhardt Hüttl, GFZ Potsdam <ul style="list-style-type: none"><li>■ Institutional Analysis: Model use for impact assessment in the EC <i>Andreas Thiel, Humboldt University Berlin</i></li><li>■ Implementation: The SENSOR modelling chain and scenario examples <i>Torbjörn Jansson, LEI, NL</i></li></ul> Sample 1: Environmental impacts and risks of the CAP financial reform scenario <i>Hans Verkerk, EFI, FI &amp; Laurence Jones, NERC, UK</i> Sample 2: Socio-economic impacts and risks of the CAP financial reform scenario <i>Zuzana Drillet &amp; John Farrington, Uni Aberdeen UK, Tom Kuhlman, LEI, NL, Dale Rothman, IISD, CA</i> <ul style="list-style-type: none"><li>■ Discussion</li></ul>
13:00 – 14:00	LUNCH
14:00 – 15:30	<b>Session 2: How Tools can improve Transparency in Impact Assessment</b> Chair: Reinhardt Hüttl, GFZ Potsdam <ul style="list-style-type: none"><li>■ Impact assessment and policy making with qualitative and quantitative data <i>Paul Tabbush, Forest Research, UK</i></li></ul> The quantitative approach: SIAT and the end-user <i>Stefan Sieber, EC JRC-IPTS Seville and ZALF</i> The qualitative approach: FoPIA and the stakeholder <i>Jake Morris, Forest Research, UK</i> <ul style="list-style-type: none"><li>■ Discussion</li></ul>
15:30 – 16:00	COFFEE
16:00 – 17:00	<b>Session 3: Integration for sustainability assessment</b> Chair: Arnold Bregt, Wageningen University <ul style="list-style-type: none"><li>■ Need for sustainability integration in a policy context <i>Roy Haines-Young, Marion Potschin, University of Nottingham, UK</i></li><li>■ Land Use Functions: Tools for integrated assessment of land use goods and services <i>Marta Perez-Soba, Alterra, NL and Lurence Jones, NERC, UK</i></li><li>■ Internet Valuation: Validation of Land Use Functions <i>Donato Romano, University of Florence</i></li></ul>
17:00 – 18:00	<b>Round Table: Policy Support – The Scientists View</b> Chair: Dirk Wascher, Alterra, NL
19:00	SENSOR dinner

**Policy day: Impact assessment of land use policies**  
**Scenarios for the year 2025 and Future Challenges for Sustainability Impact Assessment**

**Thursday, 23 April 2009**

**9:00 a.m. – 17:00 p.m.**

- 8:30 – 9:00 Registration
- 9:00 – 9:15 Welcome: Role of research for sustainable development  
*Nicole Dewandre, Head of Unit Sustainable Development, DG RTD*
- 
- Session 1: Land Use, Impact Assessment and Sustainable Development**  
Chair: Hubert Wiggering, ZALF, DE
- 9:15 – 9:45 Invited Speech: Role of Impact Assessment for European Policy Making  
*John Watson, Head of Unit, Better Regulation & Impact Assessment, Secretary General EC*
- 9:45 – 10:15 Invited Speech: Land Use and Sustainable Development  
*David Stanners, Head of Programme, Strategic Knowledge and Innovation (SKI), EEA*
- 10:15 – 10:30 Discussion
- 10:30 – 11:00 COFFEE
- 
- 11:00 – 13:00 **Session 2: SENSOR Impact Assessment of Policy Scenarios**  
Chair: Hubert Wiggering, ZALF, DE
- SENSOR in a nutshell  
*Katharina Helming, ZALF, DE*
- Scenario example 1: Financial Reform of the CAP - Modelling results for Europe  
*Paul Zagame, ECP Paris*
- Scenario example 2: Energy crop production as an option for agricultural land use in post-industrial regions - capturing stakeholder perceptions through FOPIA  
*Tomas Stuczinski, IUNG Pulawy, PL*
- Impact of SENSOR: Answers and questions to the European research area  
*Marta Perez-Soba, Alterra, NL*
  - Global dimension of SENSOR: Can the approach be implemented in Latin America and China?  
*Heitor L. C. Coutinho, Empraba, BR and Lin Zhen, IGSNRR, China*
  - Discussion
- 13:00 - 14:30 LUNCH with the experts! Poster presentations and Hands-On SIAT  
Tool demonstration and discussion, *Stefan Sieber, IPTS and Peter Verweij, Alterra, NL*
- 
- 14:30 – 16:30 **Session 3: FOPIA – A new method engaging regional stakeholders in Impact Assessment**  
Chair: Dirk Wascher, Alterra, NL
- Role of deliberation in Impact Assessment, and introduction to the procedure  
*Paul Tabbush, Forest Research, UK*
  - FOPIA methodology with illustrations from sensitive area case studies  
*Jake Morris, Forest Research, UK*
  - Hands-On FOPIA (audience participation), interpretation and summary  
*Jake Morris, Forest Research, UK*
  - Discussion
- 16:30 Closing: Scientific Support to Impact Assessment  
*Peter de Smedt, DG RTD Scientific Officer, Sustainable Development*



## List of Posters

### **The meta-model Sustainability Impact Assessment Tool SIAT**

*Stefan Sieber, Dirk Pohle, Katharina Fricke, Martin Hecker, Klaus Müller, Karen Tscherning, Katharina Helming (ZALF), Peter Verweij (Alterra)*

### **FOPIA: A new method for engaging regional stakeholders in Impact Assessment**

*Jake Morris (Forest Research)*

### **SENSOR Modelling Chain**

*Torbjörn Jansson (LEI)*

### **Data management and maintenance to comfort regional land use research**

*Henning Sten Hansen (NERI), Wolfgang Loibl (ARC), Jan Peters-Anders & Sergej Zudin (ARC)*

### **Indicators for Impact Assessment**

*Pia Frederiksen, Peter Kristensen (DMU)*

### **An indicator-aggregation approach to allow multi-functional land use assessments**

*Maria Luisa Paracchini (JRC), Cesare Pacini (University of Florence), Laurence Jones (NERC), Marta Perez-Soba (Alterra)*

### **LUFs – A tool for spatial assessment of the impact that land use changes have on sustainability**

*Marta Perez-Soba (Alterra), Laurence Jones (NERC), Cesare Pacini (University of Florence), Sandrine Petit (INRA), Nathalie Bertrand (CEMAGREF), Vincent Briquel (CEMAGREF), Luigi Omodei-Zorini, Caterina Contini (University of Florence), Katharina Helming (ZALF), John H. Farrington (University of Aberdeen), Maria Luisa Paracchini (JRC)*

### **The preference of European citizens towards LUFs**

*Donato Romano (University of Florence)*

### **FoPIA results for Malta**

*Stefano Moncada, Marguerite Camilleri (MEPA)*

### **Sustainability impact assessment of bioenergy policy measures in Lusatia, Germany**

*Oliver Dilly (BTU Cottbus)*

### **High Tatras: Impact Assessment in European mountain regions**

*Julius Oszlanyi, Pavol Kenderessy (SAVBA)*

### **Silesia – a post-industrialised area example**

*Tomasz Stuczński (IUNG)*

### **Deriving Sustainability Impact Issues using Statistical Data: A Case Study from the Eisenwurzen, Austria**

*Hubert Hasenauer, Fritz Putzhuber (BOKU Vienna)*

### **Valais: another mountain example**

*Norbert Kräuchi, Dionys Hallenbarter (WSL)*

### **Saaremaa: an island example**

*Ülo Mander, Ain Kull, Tonu Oja (University of Tartu)*

### **Sustainability Impact Assessment of Land Use Changes in Mercosur Countries: SIAT Mercosur development**

*Heitor L. C. Coutinho, Henrique Tavares, Lilian B. Veiga, Ivan Ortiz Valencia, Santiago Baeza, Ernesto V. V. Peña (Emp-raba), Sandro Schlindwein (NUMAVAM-CCA, UFSC), Karen Tscherning (ZALF), Margareth S. P. Meirelles, Ana P. Turetta, Lucieta G. Martorano, Joyce Monteiro, Azeneth Schuler, Giovanna Fistarol, Maria L. Freitas*

### **Assessing multifunctionality of land use changes & transformation of the SENSOR approach to China**

*Lin Zhen, IGSNRR Beijing*

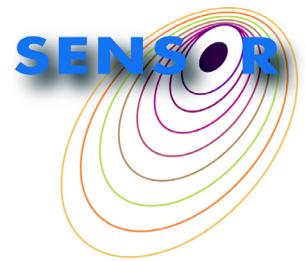
### **Sustainability Choice Space as a tool in SIA**

*Marcello di Bonito, Roy Haines-Young, Marion Potschin (University of Nottingham), Dolf de Groot (Alterra), Katrine Soma*

### **The scientific impact of SENSOR**

*Katharina Diehl, Bettina König, Katharina Helming (ZALF)*

# Sustainability Impact Assessment: Tools for Environmental, Social and Economic Effects of Multifunctional Land Use in European Regions



## Meeting Venue

University Foundation  
Room Felicien Cattier, Salle A  
Egmont street 11, B-1000 Brussels  
Email: [www.universityfoundation.be](http://www.universityfoundation.be)

When you arrive at Gare Centrale it is about a 20 minutes walk to the University Foundation Club in Rue d'Egmont nr. 11.

At the central station you can easily take the metro: Take the line 1A HERMANN-DEBROUX and hop off at ARTS-LOI/KUNST-WET. At that point it is another 5 minutes walk.

In the metro station ARTS-LOI/KUNST-WET, however, you can opt to change to the metro line 2, in the direction of CLEMENCEAU. You then get off at the first stop TRONE, which brings you right near to the University Foundation Club. Approximate time: 5 minutes from Trone!

## Dinner Venue

Restaurant La Quincaillerie  
rue du Page 45-1050 Ixelles  
[www.quincaillerie.be](http://www.quincaillerie.be)

From „Trone“, the easiest way is the metro nr 2 heading towards LOUISE.

Then take the tramway 92 heading towards FORT JACO. Step out at MA CAMPAGNE the restaurant is a few streets away. Take the chaussée de Waterloo towards LA BASCULE and turn on the 3rd street on your left nr 45 is restaurant LA QUINCAILLERIE.

Approximate time: 15 minutes!

