



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 for the 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

Organisation

Leibniz Centre for Agricultural Landscape Research e.V.
ALTERRA

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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.

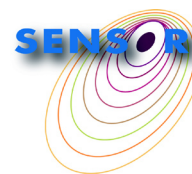
10:00 – 10:45	Registration and COFFEE
10:45 – 11:00	Welcome and Introduction (Peter de Smedt)
11:00 – 13:00	Session 1: Use of Tools for Impact Assessment and Forecast Chair: Reinhardt Hüttl, GFZ Potsdam <ul style="list-style-type: none">■ Institutional Analysis: Model use for impact assessment in the EC <i>Andreas Thiel, Humboldt University Berlin</i>■ Implementation: The SENSOR modelling chain and scenario examples <i>Torbjörn Jansson, LEI</i> Sample 1: Environmental impacts and risks of the CAP financial reform scenario <i>Hans Verkerk & Laurence Jones</i> Sample 2: Socio-economic impacts and risks of the CAP financial reform scenario <i>Zuzana Drillet, John Farrington, Tom Kuhlman, Dale Rothman</i> <ul style="list-style-type: none">■ Discussion
13:00 – 14:00	LUNCH
14:00 – 15:30	Session 2: How Tools can improve Transparency in Impact Assessment Chair: Reinhardt Hüttl <ul style="list-style-type: none">■ Impact assessment and policy making with qualitative and quantitative data <i>Paul Tabbush, Forest Research, UK</i> The quantitative approach: SIAT and the end-user <i>Stefan Sieber, EC JRC-IPTS Seville</i> The qualitative approach: FoPIA and the stakeholder <i>Jake Morris, Forest Research, UK</i> <ul style="list-style-type: none">■ Discussion
15:30 – 16:00	COFFEE
16:00 – 17:00	Session 3: Integration for sustainability assessment Chair: Arnold Bregt, Wageningen University <ul style="list-style-type: none">■ Need for sustainability integration in a policy context <i>Roy Haines-Young, Marion Potschin, University of Nottingham, UK</i>■ Land Use Functions: Tools for integrated assessment of land use goods and services <i>Marta Perez-Soba, Alterra and Lurence Jones, NERC</i>■ Internet Valuation: Validation of Land Use Functions <i>Donato Romano, University of Florence</i>
17:00 – 18:00	Round Table: Policy Support – The Scientists View Chair: Dirk Wascher, Alterra
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
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- Session 1: Land Use, Impact Assessment and Sustainable Development**
Chair: Hubert Wiggering, ZALF
- 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 (tbc)
- 9:45 – 10:15 Invited Speech: Land Use and Sustainable Development
David Stanners, Head of Programme, Strategic Knowledge and Innovation (SKI), EEA (tbc)
- 10:15 – 10:30 Discussion
- 10:30 – 11:00 COFFEE
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- 11:00 – 13:00 **Session 2: SENSOR Impact Assessment of Policy Scenarios**
Chair: Hubert Wiggering
- SENSOR in a nutshell
Katharina Helming, ZALF
- 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
Thomas Stuczinski, IUNG Pulawy
- Impact of SENSOR: Answers and questions to the European research area
Marta Perez-Soba, Alterra
 - Global dimension of SENSOR: Can the approach be implemented in Latin America and China?
Heitor L. C. Coutinho, Empraba and Lin Zhen, IGSNRR
 - Discussion
- 13:00 - 14:30 LUNCH with the experts! Poster presentations and Hands-On SIAT
Tool demonstration and discussion, *Stefan Sieber, ZALF and Peter Verweij, Alterra*
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- 14:30 – 16:30 **Session 3: FOPIA – A new method engaging regional stakeholders in Impact Assessment**
Chair: Dirk Wascher Alterra
- Role of deliberation in Impact Assessment, and introduction to the procedure
Paul Tabbush, Forest Research
 - FOPIA methodology with illustrations from sensitive area case studies
Jake Morris, Forest Research
 - Hands-On FOPIA (audience participation), interpretation and summary
Jake Morris, Forest Research
 - 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 (MV LEI)

Data management and maintenance to comfort regional land use research

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

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 (CEH Bangor), 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-Zorine, Caterine Confini,
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

Tom Stuczinsky (IUNG)

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

Hubert Hasenauer, Fritz Putzhuber (BOKU University of Natural Resources and Applied Life Sciences 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 (Empraba), 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)