Agricultural policy for the environment or environmental policy for agriculture?

Brussels, 28-29 May 2019

AGENDA

Venue: Museum of Natural Sciences
Rue Vautier, 29
1000, Brussels

Organisers:
JRC and DG AGRI

In collaboration with:

European Association of Agricultural Economists
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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<tbody>
<tr>
<td>8:00 - 9:00</td>
<td>Registration</td>
<td>ENTRANCE HALL</td>
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<td>9:00 - 10:30</td>
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<td></td>
<td>Academic Plenary: Challenges for enhancing environmental objectives of agricultural policy</td>
<td>grand auditorium</td>
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<td>(Session Chair: Claudia Olazabal)</td>
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<td>10:30 - 11:00</td>
<td>Coffee break</td>
<td>VIP ROOM</td>
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<td>11:00 - 12:30</td>
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<td>Case Studies (light): Sustainability in agriculture - European and global case studies</td>
<td>lebon room</td>
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<td>11:00 - 12:30</td>
<td>Climate Change (1): Climate Change - European and global perspectives</td>
<td>grand auditorium</td>
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<td>11:00 - 12:30</td>
<td>Other (light 1): Environmental ambition and farmers’ responses</td>
<td>d’hondt room</td>
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<td>12:30 - 13:30</td>
<td>Networking lunch</td>
<td>VIP ROOM</td>
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<td>13:30 - 15:00</td>
<td>Opening Plenary: The agricultural-environmental economics and policy nexus of the future CAP</td>
<td>grand auditorium</td>
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<td>15:00 - 15:30</td>
<td>Coffee break</td>
<td>VIP ROOM</td>
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<td>15:30 - 17:00</td>
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<td>AECM (1): What do AECM actually provide? Environmental, climate and economic impacts</td>
<td>SMALL AUDITORIUM</td>
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<td>15:30 - 17:00</td>
<td>Climate Change (2): Climate Change - Regional perspective</td>
<td>grand auditorium</td>
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<td>17:15 - 18:45</td>
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<td>CAP (1): CAP impacts in the past - What can be learned for the future?</td>
<td>grand auditorium</td>
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<td>17:15 - 18:45</td>
<td>Climate Change (light): Climate change and EU agriculture</td>
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<td>17:15 - 18:45</td>
<td>EAAE Meeting: General meeting of the EAAE (Session Chair: Margherita Scoppola)</td>
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<td>19:15</td>
<td>Gala dinner</td>
<td>DINOSAUR GALLERY MEZZANINE</td>
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Wednesday
29 May 2019

8:00 - 8:30
Registration
entrance hall

8:30 - 10:00
CAP (2): The future CAP - Cornerstones, design, nudges, and possible impacts
grand auditorium

8:30 - 10:00
Other (1): Institutional aspects in assessing agri-environmental performance
d'hondt room

8:30 - 10:00
Other (light 2): The diversity of approaches to evaluate environmental ambition in agricultural policy
lebon room

10:00 - 10:30
Coffee break
vip room

10:30 - 12:30
Policy Plenary: International experiences with agri-environmental policy design and application
(Session Chair: Tassos Haniotis)
grand auditorium

12:30 - 13:30
Networking lunch
vip room

13:30 - 15:00
Other (2): Data and spatial modelling of environmental output
small auditorium

15:00 - 15:30
Coffee break
vip room

15:30 - 17:00
AECM (3): What does society expect from AECM – farmers, citizens and policy makers
grand auditorium

15:30 - 17:00
Income: Economic and income attributes of enhancing environmental performance
small auditorium

17:15 - 18:45
AECM (light): AECM - Specific issues and individual scheme evaluations
small auditorium

17:15 - 18:45
CAP (light): CAP impacts and their measurement
grand auditorium
Agriculture-related factors of climate change: a global evidence
Jeremiás Máté Balogh (Corvinus University of Budapest, Hungary; jeremias.balogh@uni-corvinus.hu)

Ruminant emissions and EU climate policy
Alan Matthews (Trinity College Dublin, Ireland; alan.matthews@tcd.ie)

Impacts of biofuel production from grassland on the European livestock sector, grassland resource use, greenhouse gas emissions and biodiversity
David Leclere (IIASA, Austria; leclere@iiasa.ac.at), Hugo Valin (IIASA, Austria), Samantha Hill (UNEP-WCMC, UK), Stefan Frank (IIASA, Austria), Adriana De Palma (UNEP-WCMC, UK), Piero Visconti (IIASA, Austria), Andy Purvis (NHM, UK), Petr Havlík (IIASA, Austria)

Impact of climate mitigation policies on the EU agricultural sector in the perspective of Sustainable Development Goals: An integrated modeling approach
Stefan Frank (IIASA, Austria), Petr Havlík (IIASA, Austria; havlikpt@iiasa.ac.at), Andrzej Tabeau (Wageningen Economic Research, The Netherlands), Hans van Meijl (Wageningen Economic Research, The Netherlands), Heinz Peter Witzke (EuroCARE, Germany), Hugo Valin (IIASA, Austria), Floor Brouwer (Wageningen Economic Research, The Netherlands)
**CASE STUDIES (LIGHT): SUSTAINABILITY IN AGRICULTURE - EUROPEAN AND GLOBAL CASE STUDIES**

Tuesday, 28 May 2019 / 11:00 - 12:30 · LEBON ROOM

**Session Chair:** Ignacio Pérez Domínguez (JRC)

‣ **Farmers’ preferences for grassland restoration: Evidence from France**
  Marie Asma Ben-Othmen (Institut Polytechnique UniLaSalle, France), Mariia Ostapchuk (Institut Polytechnique UniLaSalle, France; mariia.ostapchuk@unilasalle.fr)

‣ **Improving Farm Environmental Performance through Technical Assistance: Empirical Evidence on Pesticide Use**
  Margaux Lapierre (French National Institute for Agricultural Research - INRA, France), Alexandre Sauquet (French National Institute for Agricultural Research - INRA, France), Julie Subervie (French National Institute for Agricultural Research - INRA, France; julie.subervie@inra.fr)

‣ **The increasing impact of environmental policies on agriculture: Perspectives from Norway**
  Klaus Mittenzwei (NIBIO, Norway; klaus.mittenzwei@nibio.no), Lillian Øygarden (NIBIO, Norway)

‣ **Quantifying the Yield Sensitivity of Modern Rice Varieties to Warming Temperatures: Evidence from the Philippines**
  Ruixue Wang (North Carolina State University, USA), Roderick M. Rejesus (North Carolina State University, USA; rmrejesu@ncsu.edu), Jesse Tack (Kansas State University, USA), Joseph V. Balagtas (Purdue University, USA), Andy Nelson (University of Twente, The Netherlands).

‣ **Does index insurance help households recover from disaster? Evidence from IBLI Mongolia**
  Kati Kraehnert (German Institute for Economic Research, Germany; kkraehnert@diw.de), Veronika Bertram-Huemmer (KfW)

‣ **Farmers’ Preferences for Water-Saving Strategies in Brazilian Eucalypt Plantations**
  Gabriela Demarchi (French National Institute for Agricultural Research - INRA; gabriela.demarchi-dias@supagro.fr), Julie Subervie (Center for Environmental Economics of Montpellier - CEEM), Fernando Palha Leite (Empresa Celulose Nipo-Brasileira SA, Belo Oriente, Brazil), Jean-Paul Laclau (CIRAD, UMR EcoSols, Montpellier, France)

‣ **Environmental effects and costs of erosion control with cover crops in European vineyards**
  Rebekka Schütte (Georg-August-Universität Göttingen, Germany; rschuet2@gwdg.de), Gema Guzmán (Institute for Sustainable Agriculture-CSIC, Spain), Elke Plaas (Georg-August-Universität Göttingen, Germany), José Alfonso Gómez (Institute for Sustainable Agriculture-CSIC, Spain)
Path-dependencies of past and future agri-environmental policies
Kyösti Arovuori (Pellervo Economic Research, Finland; kyosti.arovuori@ptt.fi), Heini Lehtosalo (Pellervo Economic Research, Finland), Johanna Kohl (Natural Resources Institute Finland), Tapani Yrjölä (Pellervo Economic Research, Finland), Jyrki Niemi (Natural Resources Institute Finland)

What explains dairy pasture farming in Germany
Sebastian Neuenfeldt (Thünen Institute of Farm Economics, Germany; sebastian.neuenfeldt@thuenen.de), Alexander Gocht (Thünen Institute of Farm Economics, Germany), Bernhard Osterburg (Thünen Institute of Rural Studies, Germany)

Maintenance of permanent grasslands – agri-environmental protection, passive land use or constraint for the structural development?
Ants-Hannes Viira (Estonian University of Life Sciences, Estonia; ants.viira@emu.ee), Jelena Ariva (Estonian University of Life Sciences, Estonia)

Factors underlying German farmers’ intention to adopt mixed cropping
Vanessa Bonke (Georg-August-Universität Göttingen, Germany; vanessa.bonke@agr.uni-goettingen.de), Oliver Musshoff (Georg-August-Universität Göttingen, Germany)

Gypsum Amendment of Arable Fields – Introducing a Socially, Economically and Environmentally Sustainable National Measure in the EU CAP Support Scheme
Markku Ollikainen (University of Helsinki, Finland), Anna-Kaisa Kosenius (University of Helsinki, Finland; anna-kaisa.kosenius@helsinki.fi), Eliisa Punttila (University of Helsinki, Finland), Venla Ala-Harja (University of Helsinki, Finland), Petri Ekholm (Finnish Environment Institute SYKE, Finland)

Improving consumer evaluation of the EU organic label: cross-country evidence on the effectiveness of logo modification
Monika Hartmann (University of Bonn, Germany), Ching-Hua Yeh (University of Bonn, Germany), Matthew Gorton (Newcastle University, United Kingdom), Barbara Tocco (Newcastle University, United Kingdom; barbara.tocco@ncl.ac.uk), Aron Torok (Corvinus University of Budapest, Hungary)
Refunding of a climate tax on meat consumption: Empirical evidence for Sweden
Ing-Marie Gren (Swedish University of Agricultural Sciences - SLU), Lisa Höglind (Swedish University of Agricultural Sciences - SLU / Agrifood Economics Centre, Sweden; lisa.hoglind@slu.se), Torbjörn Jansson (Agrifood Economics Centre, Sweden)

Mitigation of GHG emissions in Irish Agriculture
Trevor Martin Donnellan (Rural Economy Development Programme Teagasc, Ireland; trevor.donnellan@teagasc.ie), Kevin F Hanrahan (Rural Economy Development Programme Teagasc, Ireland), Gary J Lanigan (Crops Environment and Land Use Programme, Teagasc, Ireland)

Feasibility of the Nexus of Agricultural and Greenhouse Gas Emission targets in Ireland
Lucie Adenaeuer (University College Dublin, Ireland; lucie.adenaeuer@ucd.ie), James Breen (University College Dublin, Ireland), Anne Eileen Hayden (University College Dublin, Ireland)

Addressing climate change in agriculture with water reuse as adaptation strategy
Jordan Hristov (European Commission, Joint Research Centre, Seville, Spain), Guna Salputra (European Commission, Joint Research Centre, Seville, Spain), Jesus Barreiro Hurle (European Commission, Joint Research Centre, Seville, Spain; jesus.barreiro-hurle@ec.europa.eu), Maria Blanco (Technical University of Madrid, Spain), Peter Witzke (European Centre for Agricultural, Regional and Environmental Policy Research - EuroCARE, Bonn, Germany)
**AECM (1): WHAT DO AECM ACTUALLY PROVIDE? ENVIRONMENTAL, CLIMATE AND ECONOMIC IMPACTS**

Tuesday, 28 May 2019 / 15:30 - 17:00 · SMALL AUDITORIUM

**Session Chair:** Andreas Gumbert (DG ENV)

- **Evaluating farmers’ provisioning of soil ecosystem services to inform agri-environmental policy**
  Mark V. Brady (Swedish University of Agricultural Sciences, Sweden / Centre for Environmental and Climate Research - CEC, Lund University, Sweden; mark.brady@slu.se), Jordan Hristov (Joint Research Centre (JRC), European Commission, Seville, Spain), Fredrik Wilhelmsson (AgriFood Economics Centre, Lund University, Sweden), Katarina Hedlund (Centre for Environmental and Climate Research - CEC, Lund University, Sweden / Department of Biology, Lund University, Sweden)

- **Estimating the Effects of Agri-Environmental Measures Using Difference-in-Difference Coarsened Exact Matching**
  Danilo Bertoni (University of Milan, Italy), Daniele Curzi (University of Milan, Italy; daniele.curzi@unimi.it), Giacomo Aletti (University of Milan, Italy), Alessandro Olper (University of Milan, Italy)

- **Ecology impact of Greening and the Agri-Environmental and Climate Measures (AECM) – An ecologicaleconomic modelling approach for the federal state of Lower Saxony, Germany**
  Sebastian Lakner (Department for Agricultural Economics and Rural Development, University of Göttingen; slakner@gwdg.de), Carsten Holst (Department for Agricultural Economics and Rural Development, University of Göttingen), Guy Pe’er (sDiv - Synthesis Centre of the German Centre for Integrative Biodiversity Research – iDiv, Halle-Jena-Leipzig)

- **Impact of agri-environmental scheme of the Common Agricultural Policy on agricultural employment**
  Maria Garrone (LICOS Centre for Institution and Economic Performance & Department of Economics, KU Leuven, Belgium), Dorien Emmers (LICOS Centre for Institution and Economic Performance & Department of Economics, KU Leuven, Belgium; dorien.emmers@kuleuven.be), Alessandro Olper (LICOS Centre for Institution and Economic Performance & Department of Economics, KU Leuven, Belgium / Department of Environmental Science and Policy, University of Milan, Italy), Johan Swinnen (LICOS Centre for Institution and Economic Performance & Department of Economics, KU Leuven, Belgium)
CAP (1): CAP IMPACTS IN THE PAST - WHAT CAN BE LEARNED FOR THE FUTURE?
Tuesday, 28 May 2019 / 17:15 - 18:45 · GRAND AUDITORIUM
Session Chair: Mike Mackenzie (DG AGRI)

› Disentangling the environmental impact of the CAP pillars: a Propensity Score Matching approach to 2008-2013 FADN data
  Riccardo D’Alberto (Alma Mater Studiorum - University of Bologna, Italy - Department of Statistical Sciences “P. Fortunati”, riccardo.dalberto@unibo.it), Matteo Zavalloni (Alma Mater Studiorum - University of Bologna, Italy - Department of Agricultural and Food Sciences - DISTAL), Meri Raggi (Alma Mater Studiorum - University of Bologna, Italy - Department of Statistical Sciences “P. Fortunati”), Davide Viaggi (Alma Mater Studiorum - University of Bologna, Italy - Department of Agricultural and Food Sciences - DISTAL)

› The Common Agricultural Policy aggravates eutrophication in the Baltic Sea
  Torbjörn Gunnar Jansson (Swedish university of agricultural sciences, Sweden; torbjorn.jansson@slu.se), Lisa Höglind (Swedish university of agricultural sciences, Sweden), Hans Estrup Andersen (Aarhus University, Denmark), Berit Hasler (Aarhus University, Denmark), Bo Gustafsson (Stockholm University, Sweden)

› Recovering from the forest disaster: Do CAP payments matter under the absence of forest disaster payments?
  Ilkay Unay-Gailhard (Leibniz Institute of Agricultural Development in Transition Economies - IAMO; unaygailhard@iamo.de), Stefan Bojnec (Faculty of Management, University of Primorska)

  Francesco Galioto (Department of Agricultural and Food Sciences, University of Bologna, Italy; francesco.galioto@unibo.it), Meri Raggi (Department of Statistical Sciences, University of Bologna, Italy), Riccardo D’Alberto (Department of Statistical Sciences, University of Bologna, Italy), Davide Viaggi (Department of Agricultural and Food Sciences, University of Bologna, Italy)
A global economic evaluation of GHG mitigation policies for agriculture
Benjamin Byron Henderson (OECD, France; ben.henderson@oecd.org), Monika Verma (OECD, France), Andrzej Tabeau (OECD, France), Hans van Meijl (OECD, France)

Global carbon taxes in agriculture: The prize of a multilateral agreement
Torbjörn Jansson (Department of Economics, Swedish University of Agricultural Sciences - SLU) / AgriFood Economics Centre, Uppsala, Sweden), Hyung Sik Choi (Department of Economics, Swedish University of Agricultural Sciences - SLU) / AgriFood Economics Centre, Uppsala, Sweden; hyungsik.choi@slu.se), Ida Nordin (Department of Economics, Swedish University of Agricultural Sciences - SLU) / AgriFood Economics Centre, Uppsala, Sweden)

Impact of Border Carbon Adjustments on Agricultural Emissions – Can Tariffs Reduce Carbon Leakage?
Ida Nordin (SLU, Sweden), Fredrik Wilhelmsson (Lund University, Sweden), Torbjörn Jansson (SLU, Sweden), Thomas Fellmann (European Commission, Joint Research Centre, Spain; Thomas.FELLMANN@ec.europa.eu), Jesús Barreiro-Hurlé (European Commission, Joint Research Centre, Spain), Mihaly Himics (European Commission, Joint Research Centre, Spain)

What role for European agriculture in ‘net-zero’ climate policy?
John Michael Lynch (University of Oxford, United Kingdom; john.lynch@physics.ox.ac.uk), Michelle Cain (University of Oxford, United Kingdom)

Agricultural climate change mitigation options and the potential contribution of biofuels to climate change mitigation in the transport sector
Marcel Adenäuer (OECD, Paris, France; marcel.adenauer@oecd.org), Celine Giner (OECD, Paris, France), Deepayan Debnath (University of Missouri, Columbia, USA)

Biofuel versus protein policies: what best strategy for self-sufficiency and climate mitigation in the EU?
Yaw Sasu-Boakye (Chalmers University of Technology, Gothenburg, Sweden), Hugo Valin (International Institute for Applied Systems Analysis, Laxenburg, Austria; valin@iiasa.ac.at), Stefan Wirsenius (Chalmers University of Technology, Gothenburg, Sweden), Petr Havlik (International Institute for Applied Systems Analysis, Laxenburg, Austria), Fredrik Hedénus (Chalmers University of Technology, Gothenburg, Sweden), Stefan Frank (International Institute for Applied Systems Analysis, Laxenburg, Austria), Mario Herrero (Commonwealth Scientific and Industrial Research Organisation, St Lucia, Australia)

How do Western European farms behave and respond to climate change? A simultaneous irrigation-crop decision model
Steven Van Passel (University of Antwerp, Belgium), Janka Vanschoenwinkel (Hasselt University, Belgium / VITO, Belgium), Mark Vancauteren (Hasselt University, Belgium)
CAP (2): THE FUTURE CAP - CORNERSTONES, DESIGN, NUDGES, AND POSSIBLE IMPACTS
Wednesday, 29 May 2019 / 8:30am - 10:00am · Grand Auditorium
Session Chair: Mariusz Migas (DG AGRI)

➤ “Agricultural policy for the environment or environmental policy for agriculture?” - Myths and reality
   Alfons Balmann (IAMO, Germany; balmann@iamo.de), Franziska Appel (IAMO, Germany), Florian Heinrich (IAMO, Germany), Christine Pitson (IAMO, Germany)

➤ Putting sustainability at the core of the future CAP: the new eco scheme, a meaningful tool for enhancing the environmental and climate performance of the CAP or an empty box to hide the status quo?
   Kaley Hart (Institute for European Environmental Policy, United Kingdom; khart@ieep.eu), David Baldock (Institute for European Environmental Policy, United Kingdom), Stephen Meredith (Institute for European Environmental Policy, United Kingdom), Faustine Bas-Defossez (Institute for European Environmental Policy, United Kingdom), David Mottershead (Institute for European Environmental Policy, United Kingdom)

➤ Using behavioral insights to inform agricultural policies
   Fabian Thomas (University of Osnabrueck, Germany; fabian.thomas@uni-osnabrueck.de), Ann-Kathrin Koessler (University of Osnabrueck, Germany), Stefanie Engel (University of Osnabrueck, Germany)

➤ Going organic with the CAP? Regional and global economic impacts of reduced fertilizer and pesticide use in EU agriculture
   Jonas Kathage (European Commission Joint Research Centre, Spain), Mihaly Himics (European Commission Joint Research Centre, Spain; mihaly.himics@ec.europa.eu), Thomas Fellmann (European Commission Joint Research Centre, Spain)
OTHER (1): INSTITUTIONAL ASPECTS IN ASSESSING AGRI-ENVIRONMENTAL PERFORMANCE

Wednesday, 29 May 2019 / 8:30am - 10:00am · D’HONDT ROOM

Session Chair: Giampiero Genovese (JRC)

▷ Costs and benefits of collecting farm data for the new CAP’s data needs: empirical evidence
  Hans Vrolijk (Wageningen University and Research, The Netherlands; hans.vrolijk@wur.nl), Krijn Poppe (Wageningen University and Research, The Netherlands)

▷ Production intensity and environmental performance in Swiss alpine dairy farming: how do they relate?
  Pierrick Jan (Agroscope, Research Division Competitiveness and System Evaluation, Farm Economics Research Group, Tänikon 1, 8356 Ettenhausen, Switzerland; pierrick.jan@agroscope.admin.ch), Nina Repar (Agroscope, Research Division Competitiveness and System Evaluation, Farm Economics Research Group, Tänikon 1, 8356 Ettenhausen, Switzerland), Thomas Nemecek (Agroscope, Research Division Agroecology and Environment, Life Cycle Assessment Research Group, Reckenholzstrasse 191, 8046 Zurich, Switzerland), Dunja Dux (Agroscope, Research Division Competitiveness and System Evaluation, Farm Economics Research Group, Tänikon 1, 8356 Ettenhausen, Switzerland)

▷ Cooperation and farmer knowledge in the European Innovation Partnership: a case study from Ireland
  Jack McCarthy (Teagasc; jack.mccarthy@teagasc.ie), David Meredith (Teagasc), Christine Bonnin (University College Dublin)

▷ Restoring cultivated agrobiodiversity: the role of Knowledge Governance within Peasant Seed Networks. an IAD perspective
  Armelle Mazé (Université Paris Saclay, INRA SADAPT, AgroParisTech, France; maze@agroparistech.fr), Aida Calabuig Domenech (Université Paris Saclay, INRA SADAPT, AgroParisTech, France), Isabelle Goldringer (GQE Le Moulon, INRA, Université Paris Saclay)
OTHER (LIGHT 2): THE DIVERSITY OF APPROACHES TO EVALUATE ENVIRONMENTAL AMBITION IN AGRICULTURAL POLICY
Wednesday, 29 May 2019 / 8:30am - 10:00am · LEBON ROOM

‣ Model and Data Requirements for an Integrated Model Assessment of Climate Policies
  Martin Banse (Thuenen Institute, Germany; martin.banse@thuenen.de), Petra Salamon (Thuenen Institute, Germany), Floor Brouwer (Wageningen Economic Research, Netherlands), Jesus Barreiro-Hurle (European Commission, Joint Research Centre, Spain), Maria Blanco (Technical University of Madrid), Alexander Gocht (Thuenen Institute, Germany), Petr Havlik (IIASA, Austria), Torbjorn Jansson (Sveriges Lantbruksuniversitet, Sweden), Roel Jongeneel (Wageningen Economic Research, Netherlands), Jan-Peter Lesschen (Wageningen Environmental Research, Netherlands), Ignacio Perez-Dominguez (European Commission, Joint Research Centre, Spain), Myrna van Leeuwen (Wageningen Economic Research, Netherlands), Hans van Meijl (Wageningen Economic Research, Netherlands), Peter Witzke (Eurocare, Germany)

‣ Modelling Individual Decisions to Support the European Policies related to agriculture (MIND STEP)
  John Helming (Wageningen University and Research WUR, The Netherlands; john.helming@wur.nl), Hans Vrolijk (Wageningen University and Research WUR, The Netherlands), Hans van Meijl (Wageningen University and Research WUR, The Netherlands)

‣ Using deliberative societal metabolism analysis to analyse CAP’s delivery of EU sustainability and climate change objectives
  K. B. Matthews (The James Hutton Institute, United Kingdom; keith.matthews@hutton.ac.uk), K.L. Blackstock (The James Hutton Institute, United Kingdom), K. A. Waylen (The James Hutton Institute, United Kingdom), A. Juarez-Bourke (The James Hutton Institute, United Kingdom), M. Rivington (The James Hutton Institute, United Kingdom), D. G. Miller (The James Hutton Institute, United Kingdom), D. Wardell-Johnson (The James Hutton Institute, United Kingdom), V. Cabello (Institut de Ciencia i Tecnologia Ambientals, Universitat Autonoma de Barcelona, Catalunya), Z. Kovacic (Centre for the Study of the Sciences and the Humanities – SVT, University of Bergen, Norway), A. F. Renner (Institut de Ciencia i Tecnologia Ambientals, Universitat Autonoma de Barcelona, Catalunya), M. Ripa (Institut de Ciencia i Tecnologia Ambientals, Universitat Autonoma de Barcelona, Catalunya), M. Giampietro (Institut de Ciencia i Tecnologia Ambientals, Universitat Autonoma de Barcelona, Catalunya / (Institució Catalana de Recerca i Estudis Avançats - ICREA, Barcelona, Catalunya)

‣ Adoption of cover crops for climate change mitigation in the EU – new insights from farm surveys
  Jonas Kathage (European Commission, Spain; jonas.kathage@ec.europa.eu), Bert Smit (Wageningen Economic Research), Bas Janssens (Wageningen Economic Research), Wiepie Haagsma (Wageningen Plant Research), Jose Luis Adrados (Kantar TNS)

‣ Legume production challenged by European policy coherence: A case-study approach from French and German dairy farms
  Julia Jouan (SMART LERECO, Agrocampus Ouest, INRA, 35000 Rennes, France), Julia Heinrichs (Institute for Food and Resource Economics, University of Bonn, 53115, Bonn, Germany; julia.heinrichs@ilr.uni-bonn.de), Wolfgang Britz (Institute for Food and Resource Economics, University of Bonn, 53115, Bonn, Germany), Christoph Pahmeyer (Institute for Food and Resource Economics, University of Bonn, 53115, Bonn, Germany)

‣ European grain futures reaction to weather shocks: Wheat and maize futures contracts in the face of abnormal weather conditions
  Guillaume Pierre (La Sapienza University of Rome; guillaume.pierre.econ@gmail.com), Stefan Trueck (Macquarie University), Rita D’Ecclesia (La Sapienza University of Rome), Pierluigi Montalbano (La Sapienza University of Rome)
AECM (2): DESIGNING THE ENVIRONMENT AND CLIMATE COMMITMENTS OF THE FUTURE – WHERE CAN WE IMPROVE?
Wednesday, 29 May 2019 / 13:30 - 15:00 · GRAND AUDITORIUM
Session Chair: Benjamin Van Doorslaer (DG AGRI)

‣ Do farmers follow the herd? The influence of social norms on the participation in agri-environmental schemes
Philippe LE COENT (CEE-M, Univ Montpellier, CNRS, INRA, Montpellier SupAgro, Montpellier, France / BRGM, Univ Montpellier, Montpellier, France), Raphaëlle PREGET (BRGM, Univ Montpellier, Montpellier, France / INRA; raphaele.preget@inra.fr), Sophie THOYER (CEE-M, Univ Montpellier, CNRS, INRA, Montpellier SupAgro, Montpellier, France / IRSTEA)

‣ Group incentives in Agri-Environmental Schemes
Matteo Zavalloni (University of Bologna, Department of Agricultural and Food Sciences - DISTAL; matteo.zavalloni@unibo.it), Riccardo D’Alberto (University of Bologna, Department of Statistical Sciences), Meri Raggi (University of Bologna, Department of Statistical Sciences), Davide Viaggi (University of Bologna, Department of Agricultural and Food Sciences - DISTAL)

‣ Should agri-environmental schemes aim at coordinating farmers’ pro-environmental practices? A review of the literature
Laure Kuhfuss (The James Hutton Institute, Invergowrie, Dundee DD2 5DA, Scotland, United Kingdom), Graham Begg (The James Hutton Institute, Invergowrie, Dundee DD2 5DA, Scotland, United Kingdom), Sharon Flanigan (The James Hutton Institute, Craigiebuckler, Aberdeen AB15 8QH, Scotland, United Kingdom), Cathy Hawes (The James Hutton Institute, Invergowrie, Dundee DD2 5DA, Scotland, United Kingdom), Simone Piras (The James Hutton Institute, Craigiebuckler, Aberdeen AB15 8QH, Scotland, United Kingdom; Simone.Piras@hutton.ac.uk)

‣ Linking direct payments to green outcomes – designing and testing points- and landscape based farm remuneration in the CAP
Peter H. Feindt (Humboldt University at Berlin, Germany; peter.feindt@hu-berlin.de)
Linkage of economic and bio-physical data for a more targeted agricultural and environmental policy in the EU
Jörg Rieger (Thuenen Institute of Farm Economics, Germany; joerg.rieger@thuenen.de), Alexander Gocht (Thuenen Institute of Farm Economics, Germany), Markus Kempen (University of Bonn, Institute for Food and Resource Economics, Bonn, Germany), Maria Bielza (Joint Research Centre, Ispra, Italy), Jean-Michel Terres (Joint Research Centre, Ispra, Italy), Sebastian Neuenfeldt (Thuenen Institute of Farm Economics, Germany)

Heterogeneous Impacts of CAP Greening on Farmland Uses: Evidence from Big Data
Danilo Bertoni (Università degli Studi di Milano, Italy; danilo.bertoni@unimi.it), Giacomo Aletti (Università degli Studi di Milano, Italy), Alessandra Micheletti (Università degli Studi di Milano, Italy), Daniele Cavicchioli (Università degli Studi di Milano, Italy), Roberto Pretolani (Università degli Studi di Milano, Italy)

Decoupling and greenhouse gas emission in CGE models. Does parametrisation matter?
Pierre Boulanger (European Commission, Joint Research Centre; pierre.boulanger@ec.europa.eu), Kirsten Boysen-Urban (Hohenheim University, Hans-Ruthenberg-Institute of Agricultural Sciences in the Tropics), George Philippidis (European Commission, Joint Research Centre / Aragonese Agency for Research and Development - ARAID, Centre for Food Research and Technology - CITA)

Small is beautiful? Is there a relation between farmed area and the ecological output? - Results from evaluation studies in Germany
Andrea Ackermann (Thünen Institute for Rural Studies, Germany; andrea.ackermann@thuenen.de), Norbert Röder (Thünen Institute for Rural Studies, Germany), Sarah Baum (Thünen Institute for Rural Studies, Germany), Sebastian Rudolph (Thünen Institute for Rural Studies, Germany), Thomas Schmidt (Thünen Institute for Rural Studies, Germany), Karin Reiter (Thünen Institute for Rural Studies, Germany)
Eco-Schemes: Golden bullet or an additional unnecessary gadget - Challenges for a federal state to implement eco-schemes efficiently  
Maren Birkenstock (Thuenen Institute of Rural Studies, Germany; maren.birkenstock@thuenen.de), Norbert Röder (Thuenen Institute of Rural Studies, Germany)

Does Demand Equal Supply in Ecosystem Service Provision? – Evidence from Finland  
Annika Tienhaara (Natural Resources Institute Finland), Emmi Haltia (Pellervo Economic Research, Finland), Eija Pouta (Natural Resources Institute Finland), Kyösti Arovuori (Pellervo Economic Research, Finland; kyosti.arovuori@ptt.fi), Ioanna Grammatikopoulou (Natural Resources Institute Finland), Antti Miettinen (Natural Resources Institute Finland), Kauko Koikkalainen (Natural Resources Institute Finland), Heini Ahtiainen (Natural Resources Institute Finland), Janne Artell (Natural Resources Institute Finland)

Structural change and participation in agri-environmental programs – empirical evidence from Germany  
Carsten Holst (University of Göttingen, Germany; cholst@gwdg.de)

Safeguarding Natura 2000 habitats from nitrogen deposition by tackling ammonia emissions from livestock facilities  
David De Pue (Ghent University, Belgium; David.DePue@Ugent.be), Jeroen Buysse (Ghent University, Belgium)
Public money for environmental public goods (that enhance farm incomes): a proposal for an evidence-based approach in Italy
Stefano Ciliberti (University of Perugia, Italy; stefano.ciliberti@unipg.it), Angelo Frascarelli (University of Perugia, Italy)

The role of agri-environment payments in enhancing farm income: a dynamic panel analysis in Italy
Simone Severini (Università della Tuscia - DAFNE, Italy; severini@unitus.it), Luigi Biagini (Università della Tuscia - DEIM, Italy), Federico Antonioli (Università della Tuscia - DAFNE, Italy)

Marginal cost estimation of agricultural output and ecosystem services
Enikő Vígh (Research Institute of Agricultural Economics, Hungary), Krisztina Miskó (Research Institute of Agricultural Economics, Hungary; misko.krisztina@aki.gov.hu), József Fogarasi (Research Institute of Agricultural Economics, Hungary / Partium Christian University, Romania)

Greening the CAP: what implication of crop diversification for farming systems in economic terms
Nosra Ben Fradj (Institute of Soil Science and Plant Cultivation, Dept. of Bioeconomy and Systems Analysis, 24-100 Pulawy, Poland), Pierre-Alain Jayet (UMR Economie Publique, INRA, AgroParisTech, Université Paris-Saclay, 78850 Thiverval-Grignon, France), Stelios Rozakis (Institute of Soil Science and Plant Cultivation, Dept. of Bioeconomy and Systems Analysis, 24-100 Pulawy, Poland / School of Environmental Engineering, Technical University of Crete, Akrotiri, Chania Crete, 73100, Greece; srozakis@iung.pulawy.pl), Eleni Georganta (International Hellenic University, 14th km Thessaloniki - Moudounia, 57001 Thermi, Greece), Ania Je drejek (Institute of Soil Science and Plant Cultivation, Dept. of Bioeconomy and Systems Analysis, 24-100 Pulawy, Poland), Kozak Malgorzata (Institute of Soil Science and Plant Cultivation, Dept. of Bioeconomy and Systems Analysis, 24-100 Pulawy, Poland)
The legitimacy of result-oriented and action-oriented agri-environmental schemes: The comparison of landowners’ and citizens’ perceptions
Annukka Vainio (University of Helsinki, Finland), Annika Tienhaara (Natural Resources Institute Finland, Finland; annika.tienhaara@luke.fi), Emmi Haltia (Pellervo Economic Research Institute, Finland), Terho Hyvönen (Natural Resources Institute Finland, Finland), Jarkko Pyyäinen (Natural Resources Institute Finland, Finland), Eija Pouta (Natural Resources Institute Finland, Finland)

Does the new “Green Architecture” of the CAP provide a chance for the conservation of Lapwings (Vanellus vanellus)? Findings from discrete choice experiments with German arable farmers
Christoph Buschmann (Thuenen Institute of Rural Studies, Germany; christoph.buschmann@thuenen.de), Norbert Röder (Thuenen Institute of Rural Studies, Germany)

Microplastics in agricultural soils: a new challenge not only for agro-environmental policy?
Martin Henseler (Thünen Institute of Rural Studies, Germany; martin.henseler@thuenen.de), Elke Brandes (Thünen Institute of Rural Studies, Germany), Peter Kreins (Thünen Institute of Rural Studies, Germany)

A valuation-based approach for irrigated agroecosystem services
José A. Zabala (Universidad Politécnica de Cartagena, Spain; joseangel.zabala@upct.es), Cristina Marín-Miñano (Universidad Politécnica de Cartagena, Spain), José A. Albaladejo-García (Universidad de Murcia, Spain), Erasmo I. López-Becerra (Universidad Politécnica de Cartagena, Spain), M. D. de Miguel (Universidad Politécnica de Cartagena, Spain), José M. Martínez-Paz (Universidad de Murcia, Spain), Francisco Alcon (Universidad Politécnica de Cartagena, Spain)

Agricultural policy evaluation using farm-level data
Reinhard Uehleke (University of Bonn, Germany; r.uehleke@ilr.uni-bonn.de), Martin Petrick (University of Giessen, Germany), Silke Hüttel (University of Bonn, Germany)
CAP (LIGHT): CAP IMPACTS AND THEIR MEASUREMENT
Wednesday, 29 May 2019 / 17:15 - 18:45 · GRAND AUDITORIUM
Session Chair: Florence Buchholzer (DG AGRI)

▷ **Indicators everywhere: The new accountability of agricultural policy?**
  Christine Wieck, Isabell Hausmann

▷ **Possible economic and environmental impacts from changes to the coupled beef support payments for EU beef production**
  Anne Hayden (UCD, Ireland; anne.hayden@ucdconnect.ie), Dr. Torbjorn Jansson (SLU), Lisa Hoglind (SLU), Dr. James Breen (UCD, Ireland)

▷ **Productivity impact of CAP Pillar II payments in the EU28**
  Mauro Vigani (CCRI - University of Gloucestershire, United Kingdom; mvigani@glos.ac.uk), Daniele Curzi (University of Milano)

▷ **Regulating ammonia emissions within Common Agricultural Policy: Costs and benefits**
  Elias Giannakis (The Cyprus Institute, Energy Environment and Water Research Center, Cyprus; e.giannakis@cyi.ac.cy), Jonilda Kushta (The Cyprus Institute, Energy Environment and Water Research Center, Cyprus), George K. Georgiou (The Cyprus Institute, Energy Environment and Water Research Center, Cyprus), Adriana Bruggeman (The Cyprus Institute, Energy Environment and Water Research Center, Cyprus), Jos Lelieveld (The Cyprus Institute, Energy Environment and Water Research Center, Cyprus / Max Planck Institute for Chemistry, Atmospheric Chemistry Department, Germany)

▷ **CAP regionalization trade-off analysis: environmental versus socioeconomic priorities**
  Dimitris Kremmydas (Dept. of Agricultural Economics, Agricultural University of Athens, Greece; kremmydas@aua.gr), Athanasios Kampas (Dept. of Agricultural Economics, Agricultural University of Athens, Greece), Stelios Rozakis (Dept. Bioeconomy and Systems Analysis, IUNG, Poland), George Vlachos (Dept. of Agricultural Economics, Agricultural University of Athens, Greece)