



UNIVERSITÄT
HOHENHEIM

Winter term 2022-2023

Research seminar “Policy, Markets and Trade in the Bioeconomy”



By the Chairs 420a, 420b, 420c, 420d and 490b

Time: Wednesdays, 3pm ct – 5pm

Please register in the ILIAS course:

https://ilias.uni-hohenheim.de/goto.php?target=crs_1056670&client_id=UHOH

Please join the zoom-Meeting:

<https://uni-hohenheim.zoom.us/j/82321470609?pwd=bGcySTAwYXhuUHhvTzIxclJudVZlQT09>

Meeting-ID: 823 2147 0609

Kenncode: VjTKY3

Guests and doctorate students: up to 45 minutes in total for lecture/presentation and discussion (usually 30 minutes presentation and then about 15 minutes for questions)

Master students: up to 10 minutes for proposal presentation; up to 15 minutes for first results presentation

Language: English or German

Coordination: Prof. Dr. Christine Wieck

Date	Topic	Name and affiliation	Host
19.10.	Get-together potluck with all participants: Bring a small dish!	On campus: either social room 420a <u>or</u> outside	
26.10.	<i>Fakultätsrat, no seminar</i>		
02.11.	1. Von Szenarienentwicklung zu Policy Design: Die CIB-Methode und ihre Verwendungsmöglichkeiten Abstrakt: Cross-Impact Balances (CIB) ist eine noch relativ junge Methode zur semi-qualitativen Systemanalyse. Der Vortrag führt in die Arbeitsweise der Methode ein und behandelt die vielfältigen Anwendungsformen, darunter auch das relativ neue Anwendungsfeld des Policy Designs. 2. <i>no second presentation</i>	Dr. W. Weimer-Jehle, Zentrum für interdisziplinäre Risiko- und Innovationsforschung, Uni Stuttgart	420a
09.11.	<i>No seminar</i>		Anm.
16.11.	1. European Demand for Plant-Based Dairy Substitutes: Hype or Hope for a Broader Transformation of the Food System? <i>Abstract: As concerns about the sustainability of livestock farming and especially dairy production rise, the global need for a transformation of the food system becomes increasingly relevant in the debate of policy makers in recent years. One solution could be the change of dietary habits among consumers towards a reduction of animal derived dairy products and its substitution with plant-based alternatives. This contribution analyses drivers and barriers of plant-based dairy</i>	Rebecca Hansen, Gebhardt, Hess, FG Agrarmärkte, Universität Hohenheim	420a

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	<i>product consumption in six European countries based on expectancy value theory applying an extended ordered probit model.</i> 2. No second presentation.		
23.11.	1. Six research priorities to support corporate due-diligence policies <i>My presentation will be about the commentary paper: Sellare, J., Börner, J., Brugger, F., Garrett, R., Günther, I., Meemken, E.-M., Pelli, E. M., Steinhübel, L., & Wuepper, D. (2022). Six research priorities to support corporate due-diligence policies. Nature, 606, 861–863. https://doi.org/10.1038/d41586-022-01718-8. I will speak about the research priorities that can be helpful to develop effective corporate due diligence policies in order to address the problems of environmental impact and human rights in global supply chains.</i> 2. Integrating the right to food in sustainability standards: A theory of change to move global supply chains from responsibilities to impacts <i>Abstract: This research discusses how food security and other social Human Rights can be respected in sustainably certified global agricultural supply chains and the responsibility of different actors. Lessons' learned from six case studies in Latin-America, Africa and Asia are drawn and the derived stepwise implementation process, its feasibility and bottlenecks, are described. Underlying paper: https://doi.org/10.1002/aepp.13308</i>	Edoardo Maria Pelli, Technical University of Munich Tina Beuchelt, ZEF Bonn	420b
30.11.	1. Future pathways for diet transformation- a Delphi study for the plant-based alternative sector <i>Abstract: Research has suggested that processed plant-based alternatives could assist with a diet transformation in high and middle-income countries towards sustainable food systems by serving as a substitute for conventional animal-derived foods. This paper draws on expert insights through semi-structured interviews and a Delphi survey to develop and explore projections for the development of the plant-based alternative sector by 2040/2050 related to technology and raw materials, market structure and competition, demographics and consumers and policy, regulations and the environment.</i> 2. No second presentation	Amelia Espey, FG Bioökonomie, Universität Hohenheim	420a
07.12.	1. Climate-ecological-economic modelling for the cost-effective spatio-temporal allocation of conservation measures in cultural landscapes facing climate change <i>Abstract: Agricultural landscapes are an important habitat for species, but intensive agricultural landuse and climate change present significant threats to these species. In order to conserve these species cost-effectively, the impacts of land use and climate change on the ecological and economic systems need to be considered. I will present a climate-ecological-economic model that integrates these aspects to determine cost-effective conservation plans for a case study in Northern Germany in the near (2020-39) and distant future (2060-79).</i> 2. No second presentation	Charlotte Gerling, Chair for Environmental Economics, BTU Cottbus	420a
14.12.	1. How to compensate farmworkers in Albania? Insight from cooperative game theory model <i>Abstract: The application of cooperative game theory in cooperation situations aims to share the benefits among the members in such a way as to motivate them to cooperate. In this study, we use this model to pay seasonal employees. We chose this situation since the agriculture sector in Albania is now facing a very serious labour shortage.</i> 2. No second presentation	Anjeza Bekolli, FG Agricultural Markets, Universität Hohenheim	420b
21.12.	No seminar		
11.01.	1. Modelling agricultural land system change <i>Abstract: Spatial explicit modelling of land system changes is crucial for a spatial understanding of land change processes as well as an assessment of their impacts. In this presentation I will present results of a global study on the role of different types of drivers for land system change, including demand for crop products, livestock, but also preservation of biodiversity habitat and carbon sequestration.</i>	Jasper van Vliet, VU University Amsterdam, Institute for Environmental studies	420a

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	<i>Results reveal different pathways to fulfill these demands, including both intensification and expansion of agricultural and natural areas, depending on the set of demands used. We conclude that the demand for non-agricultural services can have an important impact on land system changes, including changes towards more sustainable futures.</i>		
18.01.	No seminar		
25.01.	Fakultätsrat, no seminar		
01.02.	1. Exports to West Africa: A blessing or a curse? <i>Abstract: The export of poultry and dairy products from the EU to Africa is often the subject of critical debates. In this presentation, the advantages and disadvantages of European and German exports to Ghana and Senegal will be discussed. Results of a research project (IMMPEX) will be presented that analyses this issue from the perspective of consumers, producers, value chains and compares alternative agricultural and trade policies.</i> 2. Key policy objectives for European agricultural policies: some reflections about the policy coherence and the governance issues <i>Abstract: Food security and environmental sustainability are joint global challenges that require to be solved together. A complex policy framework is needed to tackle this conundrum as policy coherence (PC) is fundamental but extremely challenging. This analysis, after stressing the importance of solving jointly the challenges of producing enough food to feed a growing population while preserving the climate and the environment, discusses some issues related to the PC approach and the governance problems that should be tackled.</i>	Janine Pelikan, Thünen Institute of Market analysis, Braunschweig Silvia Coderoni, University of Teramo	420a
08.02.	1. What drives the prices of meat and meat substitutes? A hedonic pricing model for the German sausage market <i>Abstract: This research aims to determine the drivers of the different prices between meat and meat substitute products. Therefore, we employ a hedonic-pricing model for the German sausage market covering the period between 2020 and 2021.</i> 2. no second presentation	Thies Petersen, FG Management im Agribusiness (410c), Universität Hohenheim	
15.02.	1. Production diseases in farm animals <i>Abstract: Metabolic performance such as milk, eggs and meat is significantly increased by breeding approaches during the last decades in nearly all farm animal species. However, structure and function of tissues and organs are overburdened by genetically driven metabolic performance, which leads to a higher risk to suffer from production diseases. Management and feeding is not able to correct those dysfunctions of organs and tissues. To establish real animal welfare in agriculture, breeding for high performance needs to be re-discussed.</i> 2. Assessing impact from irrigation expansion on nutrition in Ethiopia <i>Abstract: Simon works on the question, how an economy-wide assessment on irrigation expansion in Ethiopia can be designed. Special focus is put on implications for households from different regions, regarding incomes, consumption, and food security.</i>	Korinna Huber, FG Funktionelle Anatomie der Nutztiere (460d), Universität Hohenheim Simon Ehjeij, FG Agrarhandel und Welternährung, Universität Hohenheim	420a 490b

Postponed to summer term:

Was that it? Exploring the transitional purpose of companies on the German market for plant-based meat alternatives, by Alexander Schwarz, Fraunhofer Institute for Systems and Innovation Research ISI / FG Consumer Behaviour in the Bioeconomy (420c)

Abstract: Our research aims to elucidate the transitional purpose of companies on the German plant-based-meat-alternative market. It does so through a series of semi-structured interviews with experts from the plant-based-meat-alternative innovation system, and by the analysis of company websites.