

# Societal Changes and Their Implications on Agri-Food Systems and Rural Areas

Joint Conference of the Slovenian Association of Agricultural Economists (DAES) and the Austrian Association of Agricultural Economists (ÖGA)

## FINAL PROGRAMME OF THE CONFERENCE

This is the final programme based on the submitted final versions of the contributions that will be presented at the conference and published in the Conference proceedings (electronically, prior to the Conference).

We are using this opportunity to thank all the authors for preparing very interesting and topical contributions, as well as the members from both national associations, DAES and ÖGA, for their dedicated work in the reviewing process. The Programme Committee had a gratifying job in companding the conference programme, for which we are confident, that will reach your expectations. We are looking forward to getting acquainted and having a lively discussion about the results of our research and professional work, which addresses the current problems of agriculture, the food supply system and rural development. The Local Organising Committee will make its effort to make your stay at the conference enjoyable, with the Conference Dinner (22/9 evening) and the Field trip (23/9 afternoon) as the event highlights.

We thank to all of you that have already registered for the conference and settled the participation fees. For those of you that have not yet done so, we encourage you to register for the conference at the following [link](#). You are invited to follow up on more detailed information and current news at the organizers' websites, [www.daes.si](http://www.daes.si) and [oega.boku.ac.at](http://oega.boku.ac.at).

### Conference programme at glance

Thursday, 22 September 2022		
Time		Programme item
09:00	09:45	Conference opening
09:45	11:00	Plenary Presentations 1, 2
11:00	11:30	Break
11:30	13:00	Parallel sessions I (PS1, PS2, PS3, TW1)
13:00	14:30	Lunch
14:30	16:00	Parallel sessions II (PS4, PS5, PS6, TW2)
16:15	17:45	Parallel sessions III (PS7, PS8, PS9)
19:30		Conference awards, dinner

## Friday, 23 September 2022

Time	Programme item	
08:30	10:00	Parallel sessions IV (PS10, PS11, PS12, TW3)
10:00	10:30	Break
10:30	12:00	Parallel sessions V (PS13, PS14, PS15, TW4)
12:30		Field trip (Vipava valley, wine tasting)

## Thursday, 22 September 2022

9:30 - 11:00	Plenary session	Hall: DJH Chair: Emil Erjavec
	Opening Addresses	
Jutta Roosen, joint with Larissa S Drescher and Stephan Marette	Towards sustainability – Questions about the role of labels, scores and informative apps for signalling the sustainability of food	
Krijn J. Poppe	Sustainable Food Systems and the Role of the Agricultural Economist in Policy Design	

11:30 - 13:00	Parallel sessions I	Hall: Ž-1 Chair: Christoph Grohsebner
<b>Parallel session 1: Agricultural policy</b>		
Novak A., Juvančič L., and Šumrada T.	Evaluation framework for the CAP's agri-environmental knowledge transfer measures	
Martinovska Stojcheska A., Kotevska A., Janeska Stamenkovska I., and Dimitrievski D	How does North Macedonia's agricultural policy support adhere to the EU CAP?	
Jost E., Schönhart M., Sinabell F., and Schmid E.	Knowledge deficits and challenges for climate action in Austrian agriculture: The Key Policy Questions	
Bele S., and Travnikar T.	Slovenian agri-food trade with Ukraine and Russia	

<b>Parallel Session 2: Agricultural production and farm management I</b>		Hall: Ž-2 Chair: Andrej Udovč
Zorn A., and Clémence S.	Assessment of alternative plant protection measures by farmers	
Pröll S., Salhofer K., and Eder A.	Evaluating the relation between crop diversity and productivity of Austrian crop farms	
Kropf B., Schmid E., and Mitter, H.	Exploring farmers' reasons for actual and intended drought adaptation	
Michels M., Bonke V., and Musshoff O.	Factors influencing young farmers' intention to adopt organic farming	

<b>Parallel Session 3: Consumer behavior</b>		Hall: Ž-3 Chair: Heidi Leonhardt
Schurr L., and Wirsig A.	Awareness of Geographical Indications in Baden-Württemberg, Germany	
Di Guida N., Schipmann-Schwarze C., and Christoph-Schulz I.	Communication needs of consumers regarding trust in organic food	
Hellstern L. and Gebhardt B.	Motives and Information-based Clustering of German Plant-based Meat Consumers	

**Thematic Workshop 1:****Hall: DJH**

Chair: Martin Nose

Marco Horn, Peter Krištof,  
Damjan Jerič, Martin Nose

Better together! Study groups as an efficient method for professional training

**14:30 – 16:00****Parallel sessions II****Parallel session 4: Regional development and value chains****Hall: Ž-1**

Chair: Ilona Rac

Beck V., Efken J., and Margarian A.

Adaptation strategies of stakeholders in a region with concentrated livestock production during accelerated structural change

Sponagel C., Feuerbacher A. and Bahrs E.

Agrivoltaics in regional planning – an integrated assessment framework

Dax T., Juvancic L., Rac I., Novak A., Erjavec E., Gaupp-Berghausen M., Münch A., Schuh B., Badoux M., Schroll K., and Machold I.

Assessing diversity and changes of European farming structure

MacKinnon D. E. and Pavlovič M.

The Impact of Agribusiness IP on Agricultural Markets – a Case Study in a Hop Industry

**Parallel session 5: Agricultural production and farm management II****Hall: Ž-2**

Chair: Stefan Kirchweger

Žgajnar J. and Kavčič S.

Farm model and analysis at aggregate level, case of beef sector in Slovenia

Falkner K., Mitter H., and Schmid E.

Modelling crop management adaptation to scenarios of declining precipitation sums in Upper Austria

Wittmann F. and Eder M.

Nutrient import at the farm level within an urban-regional context of Eastern Austria

Clémence S., Masson S., and Zorn A.

Project PestiRed: reducing pesticide use while maintaining profitability

**Parallel session 6: Marketing and consumer attitudes****Hall: Ž-3**

Chair: Martin Pavlovič

Christoph-Schulz I. and Banse, M.

Are most Germans already vegetarians?

Stampa E. and Zander K.

Consumers' views on virtual fencing and insights on a multi-level biodiversity labeling scheme for pasture-raised beef

Lehmann C. and Christoph-Schulz I.

Does the origin matter? Results from a cross-national study with poultry meat consumers

Falkenberg C., Thürr A., and Pöchtrager S.

Purchasing behaviour and motives of consumers of zero-waste shops in Vienna by means-end-chain analysis

**Thematic Workshop 2:****Hall: DJH**

Chair: Franz Sinabell

Schönhart M., Jost E., Schmid E., Erjavec, E. and Sinabell F.

Effective strategies for science-policy knowledge transfer to support climate action in the European agri-food system

16:15 – 17:45

### Parallel sessions III

#### Parallel session 7: Rural social research

Hall: Ž-1

Chair: Theresia Oedl-Wieser

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|---|--|
| Machold I., Bauchinger L., and Dax T.     | Integration pathways of forced migrants in rural settings. Access to resources and agency  |
| Mehlhose C. and Profeta A.                | Sustainability in Times of Crisis: Consumer Perceptions on Sustainability Aspects and Resilience of Food Production Systems in Germany during the Russia-Ukraine War |
| Rudolf J. and Udovč A.                    | The role of Local Action Groups in identifying rural conflicts in Slovenia   |
| Simonovska A., Tuna E., and Gjoshevski D. | The State of Development of the Agriculture Knowledge and Innovation System in North Macedonia   |

#### Parallel session 8: Land management

Hall: Ž-2

Chair: Tomaž Cunder

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| Gatterer M., Leonhardt H., Morawetz U., and Salhofer K.                                   | Inheritance tradition and farm land fragmentation: evidence from Austria   |
| Kirchwegger S., Niedermayr A., Wittmann F., Politor H., Klinglmayr K., and Kantelhardt J. | Land management paths for alpine pastures and mountain meadows in the Eisenwurzen region                               |
| Eder A. and Salhofer K.   | Land use fragmentation and technical efficiency of Austrian crop farms   |
| Leonhardt H., Lakes T., Hüttel S., Wesemeyer M. and Wolff S.                              | Using the Integrated Administration and Control System's plot-level data: A proposed scoping review and pilot analysis |

#### Parallel session 9: Agri-food business

Hall: Ž-3

Chair: Josef Hambrusch

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| Hambrusch J., Bauchinger L., Eller L., Pfusterschmid S., Plankensteiner T., Stelzer C., Tamme O., and Tribl C. | Fruit and vegetable producer organizations in Austria from an evaluator's perspective |
| Pogorevc T., Rac I., Korošec M., and Osojnik Črnivec I. G.,  | Identifying causes of food waste generation in the Slovenian food supply chain        |
| Rac I., Poklar Ulrih N., and Osojnik Črnivec I.G.  | Understanding the motivations of individuals and organizations to prevent food waste  |

## Friday, 23 September 2022

8:30 - 10:00

### Parallel sessions IV

#### Parallel session 10: Ecosystem services and biodiversity

Hall: Ž-1

Chair: Tina Kocjančič

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| Rac I., Japelj A., Vurunič S., and Šmid Hribar M.       | Ecosystem services of protected areas in Slovenia   |
| Scherfranz V., Moon K., Kantelhardt J., and Schaller L. | Farmers' perceptions of agro-food system actors in biodiversity-related decision-making                         |
| Jan P., Zimmert F., and Dux D.                          | Farm-level land use strategies in terms of agricultural production and biodiversity conservation in Switzerland |
| Karner K., Danzinger F., Wrбка T., and Schönhart M.     | Participatory scenario modelling of ecosystem services and biodiversity in the Wienerwald region                |

**Parallel Session 11: Animal husbandry and welfare I****Hall: Ž-2**

Chair: Andreas Niedermayr

Niedermayr A., L. Schaller L., and Kantelhardt J.	Economic and environmental performance of ecological dairy farming systems in Austria
Bergschmidt A. and Schwarze S.	Evaluation of animal welfare outcomes of RDP-Measures for Dairy Cows
Hoop D.	In practice, cow longevity hardly pays off
Schütz A., Mehlhose C., and Busch G.	Making animal welfare labelling more transparent - The potential of using virtual reality glasses

**Parallel Session 12: Digitization****Hall: Ž-3**

Chair: Maja Kožar

Thur M., Wassermann T., Doppler H., and Pöchtrager S.	Blockchain technology for sustainable out-of-home consumption: Prospects and barriers
Pfaff S. and Paulus M.	How digitally competent are German farmers facing the challenges of digital technologies?
Michels M., Wever H. and Musshoff O.	On the Use of Smartphones, Tablets and Drones in German Forestry
Paulus M., Knierim A., and Pfaff S.	Preparing for the digital agriculture era – why should we and who should we educate?

**Thematic Workshop 3:****Hall: DJH**

Chair: Hannah Politor

Politor H., Klinglmayr, K., Kirchweger, S., Rac I., Šumrada, T.	Participatory research for resilient rural development in Central European regions: Walking in the shoes of strangers
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**10:30 - 12:00****Parallel sessions IV****Parallel session 13: Climate change****Hall: Ž-1**

Chair: Martin Schönhart

Quendler E., Chico-Santamarta L., and Stewart C.	Climate change perceptions and concerns: The views of HE students and graduates.
Zeilinger J., Niedermayr A., and Kantelhardt J.	Farm-level adaptation to climate change
Eckart L., Kantelhardt J., and Schaller L.	Peat soils from the farmers' perspective: integration, importance and implications in the context of climate change
Brečko J. and Žgajnar J.	Technology change and impact on GHG emissions on a dairy farm, farm level modelling approach

**Parallel Session 14: Animal husbandry and welfare II****Hall: Ž-2**

Chair: Jaka Žgajnar

Schmid D.	Profitability of Swiss dairy farms with different milking systems
Eitelberg L., Klink-Lehmann J., and Uehleke R.	The effect of husbandry system information on consumer willingness to pay for dairy products from cow-calf-contact systems
Kühl S. and Busch G.	Transformation towards animal welfare improved livestock farming – Consumer attitudes and financing approaches
Faletar I., Mergenthaler M., and Christoph-Schulz, I.	What do farmers and consumers want from the German food retail sector in terms of higher animal welfare standards?

**Parallel Session 15: Environmental/climate protection, risk**

Hall: Ž-3

Chair: Michael Eder

Köhler S., Kasperek-Koschatko V., and Pöchtrager S.	Concepts of food wholesalers to avoid food waste in the course of the Covid-19 crisis - a survey by means of qualitative interviews with experts
Schmidt L., Filler G., and Odening M.	Effectiveness of Multi-Peril Crop Insurances in Saxony (Germany)
Kožar M., Bele S., Bedrač M., and Cunder T.	Farm-level indicators for the evaluation of sustainable agriculture in Slovenia
Witte F., Sponagel C., and Bahrs E.	Potentials to reduce pesticides with an ECO-Scheme - the case of Baden-Württemberg

**Thematic Workshop 4:**

Hall: DJH

Chair: Doris Pick

Doris Pick et al.	Think Tank Organic Research: Socioeconomic Research Gaps to further improve organic farming with regard to societal and environmental changes
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**12:30 - 21:00****Field trip to Vipava Valley****Provisional programme**

12:30	Bus departure to Vipava valley
14:00	Vipava: Visit of the Town Square, presentation of the region's challenges and achievements in agriculture and rural development (LAG Vipavska dolina)
16:00	Vitovlje: Visit of the of tourist farm Malovščevo; tour of the farm, dinner and wine tasting
21:00	Arrival back to Ljubljana

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