



ROMANIAN ACADEMY

**NATIONAL INSTITUTE OF ECONOMIC RESEARCH
“COSTIN C. KIRIȚESCU”
INSTITUTE OF AGRICULTURAL ECONOMICS**

I N V I T A T I O N

International conference

**AGRICULTURAL ECONOMICS AND RURAL DEVELOPMENT
RESEARCH
on the topic**

**“FARM VIABILITY AND SUSTAINABLE RURAL
DEVELOPMENT IN THE CONTEXT OF THE CURRENT EU
PRIORITIES FOR AGRICULTURE AND THE
ENVIRONMENT”**

**December 8, 2021
09⁴⁵ – 16³⁰**

ONLINE ZOOM VIDEOCONFERENCE

International conference organized by

INSTITUTE OF AGRICULTURAL ECONOMICS - BUCHAREST

in collaboration with:

**RESEARCH INSTITUTE FOR AGRICULTURE ECONOMY AND RURAL
DEVELOPMENT - BUCHAREST, ROMANIA**

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CONFERENCE AGENDA

09⁴⁵ – 10⁰⁰ Connecting participants

10⁰⁰ – 11⁰⁰ **OPENING OF THE SESSION**

Cecilia ALEXANDRI, Lucian LUCA, *Presentation of research thematic of the Institute of Agricultural Economics in the year 2021*

Cecilia ALEXANDRI, Iuliana IONEL, Lucian LUCA, Marioara RUSU, Camelia TOMA, Monica TUDOR, *Studies on the substantiation of Romania's options within the CAP National Strategic Plan*

11⁰⁰ – 16³⁰ **PRESENTATION OF PAPERS BY SECTIONS**

SECTION 1

Farm resilience and the economic and environmental policies in the European context

Moderators: **Camelia GAVRILESCU, Dan-Marius VOICILAŞ**

1.1. Natalya ANDRYEYeva, Hanna TIUTIUNNYK, *International priorities of strategizing in the field of ecologically safe land use of Ukraine*

1.2. Sergii BORODIN, *European Experience of responsible investment in the purchase and sale of land to mitigate social and environmental risks in Ukraine*

1.3. Georgiana CHIŢIGA, *Management of renewable energies. Efficiency to reduce the effects of climate change on agriculture*

1.4. Cristinel FERTU, Lavinia Daniela BALASAN, Vitali ZANET, Silvius STANCIU, *Monitoring the vegetation condition of lavender crop with drones*

1.5. Camelia GAVRILESCU, *Resilience of Romanian mixed farms – evaluation and sustainable development prospects*

1.6. Gheorghe HURDUZEU, *Finance and micro-finance in the Romanian agricultural sector*

1.7. Victoria IORDACHI, Nicolae POPA, *Circular agriculture – a new paradigm of economic development*

1.8. Maria Mădălina JURCOVAN, Nicole-Livia PETCULESCU, Daniela Fănuța MIHĂILĂ, *Determination of plant protection chemicals in surface waters and the sustainable use thereof*

1.9. Vitaliy KRUPIN, *Farm sector development within the climate neutrality achievement path in Poland*

1.10. Marie - Jacqueline – Cosette LEONTE, *The necessity to adapt the agricultural policies to the new European context*

1.11. Lucian LUCA, Daniela GIURCA, Cristina CIONGA, *Scenarios for the allocation of direct payments under the CAP National Strategic Plan 2023-2027: redistributive support*

1.12. Mihaela MUNTEANU PILA, Silvius STANCIU, *Prospects and trends in the development of a successful agricultural economy in the Republic of Moldova*

1.13. Bogdan-Mihai NEGREA, Valeriu STOILOV-LINU, Emilian PRICOP, *Plant invasive species from mountain habitats and the mechanisms which favour their expansion into native habitats. Case study - upper Bistrita river basin*

1.14. Rodica PERCIUN, Viorica POPA, *Waste digitalization – the process of future sustainable management*

1.15. Nicole Livia PETCULESCU, *Non-polluting technologies in plant protection in the context of the European Green Deal*

1.16. Gabriela PICIU, *Reducing climate change produced by agriculture through the transition to circular economy*

1.17. Alexandra POPA, Cătălina MEIROŞU, Ruxandra POPESCU, *The food hub: an alternative model for the development of small and medium farms in Romania*

1.18. Mariana SANDU, Amalia Gianina STRĂTEANU, *Aspects regarding the need to preserve the local pig breeds in Romania*

1.19. Simona Nicoleta STAN, Amalia Gianina STRĂTEANU, *Agrobots and the benefits of high-tech agriculture in accordance with the European Green Deal*

1.20. Silvius STANCIU, Mihaela MUNTEANU PILA, *Cereal crop productivity - a comparative analysis of Romania and the Republic of Moldova*

1.21. Valeriu STOILOV-LINU, Bogdan-Mihai NEGREA, *Current land use and change detection of the usage in the Dorna basin*

1.22. Amalia-Gianina STRĂTEANU, Mariana SANDU, Simona Nicoleta STAN, Vergina CHIRITESCU, *Sustainability of agricultural farms and the current European policies*

- 1.23. Angela TIMUȘ, Corina CHIRONACHI**, *The role of environmental taxes in the process of sustainable development and modernization of the economy*
- 1.24. Hanna TIUTIUNNYK**, *Driver of organic agriculture sector management in the context of the European Green Deal*
- 1.25. Camelia TOMA**, *Vulnerability of agriculture and adaptation measures to climate change - a methodological approach*
- 1.26. Dan-Marius VOICILAȘ**, *Potential and perspectives for bioeconomy strategy in Romania*
- 1.27. Adrianna WOJCIECHOWSKA, Piotr GRADZIUK**, *What are the possible outcomes of the European Green Deal implementation in Poland's agriculture?*
- 1.28. Steliana RODINO**, *Bioeconomy - a paradigm shift in the context of globalization*
- 1.29. Cecilia ALEXANDRI, Bianca PĂUNA, Corina SÂMĂN**, *Factors associated with viability for field crops farms*
- 1.30. Krisztina Melinda DOBAY**, *The resilience of agricultural cooperatives in the COVID-19 pandemic time. Evidence from Romania*

SECTION 2

Response of supply chains to economic, social and environmental challenges

Moderators: **Iuliana IONEL, Diana DRIGĂ**

- 2.1. Cornelia ALBOIU**, *Romania's trade in vegetables, trends and prospects*
- 2.2. Olena BORODINA, Igor PROKOPA, Oleksii FRAIER**, *The Renewal of the EU-Ukraine Association Agreement on the current EU priorities for agriculture and the environment*
- 2.3. Aurelian BULIGA-ȘTEFĂNESCU**, *Analysis of competitiveness on the dairy market in Romania*
- 2.4. Brîndușa COVACI, Mihai COVACI**, *The structure of world trade in vegetable products. Case study on Romanian mountain products*
- 2.5. Edith Mihaela DOBRESCU**, *European Union policy on the agricultural sector in the context of the COVID-19 crisis and climate change*

2.6. Diana-Maria DRIGĂ, *Romanian trade in oilseeds – an analysis from the perspective of current challenges*

2.7. Viorica GAVRILĂ, *Fruit trade and price volatility*

2.8. Alexandru GHENCEA, Vitalii ZANET, Silviu STANCIU, *Liberalization and globalization of the food retail sector in the Republic of Moldova*

2.9. Alexandru GHENCEA, Vitalii ZANET, Silviu STANCIU, *Market competition in the Republic of Moldova. Study on specific legislation in the agri-food sector*

2.10. Mariana GRODEA, *Evolution of Romania's trade with live animals in the context of current challenges*

2.11. Tatiana IAȚIȘIN, *Plum export trends in the Republic of Moldova*

2.12. Olga IERMAKOVA, *Innovation value chains in the agricultural sector*

2.13. Iuliana IONEL, *Romanian pork imports in the context of new challenges*

2.14. Olga KALAMAN, *Functioning features of a competitive brand of Ukrainian agricultural products*

2.15. Mihaela KRUZSLICIKA, *Romanian cereal market reaction to trade flows disturbance*

2.16. Eugenia LUCĂȘENCO, Alexandru CEBAN, *Developments in subsidizing perennial plantations in the Republic of Moldova*

2.17. Claudiu-Cătălin MUNTEANU, *Reactions of the main Romanian agricultural markets to trade flow disruptions - changing the perception of final consumers and consumption patterns for Romanian agricultural products*

2.18. Mirela-Adriana RUSALI, *Structural convergence in agri-food manufacturing sectors*

2.19. Silviu-Marius ȘEITAN, *General elements of risk convergence in the euro area*

2.20. Viorel TUREȚCHI, *General economic and technological issues regarding garlic cultivation in the conditions of the Republic of Moldova*

SECTION 3

Sustainable rural development – current opportunities and problems

Moderators: **Monica-Mihaela TUDOR, Elisabeta ROȘU**

- 3.1. Doina AVRAM, Vergina CHIRIȚESCU**, *Backcasting for sustainable rural development*
- 3.2. Mariana BĂLAN**, *The economic and social effects of the COVID-19 pandemic on Romania's sustainable rural development*
- 3.3. Adrian BĂNEȘ, Andrea FEHER, Zamfira IUCU, Nicoleta MATEOC-SÎRB, Paula Diana PEEV-OTIMAN, Miroslav RAICOV, Cosmin SĂLĂȘAN, Păun Ion OTIMAN**, *Tourism – key area for sustainable rural development in Țara Hațegului-Retezat*
- 3.4. Sorinel-Ionel BUCUR**, *Sustainable rural development in the Sud-Muntenia region - an approach from the perspective of the current European priorities for agriculture and the environment*
- 3.5. Lorena CHIȚEA**, *Territorial disparities in the socio-economic modernization – development of the Romanian rural area*
- 3.6. Mihai Alexandru CHIȚEA**, *Economic performance and labour force – determinants of competitiveness at county level*
- 3.7. Corina DINCULESCU**, *Online school – between challenges and solutions*
- 3.8. Andreea-Emanuela DRĂGOI**, *Financing sustainable rural development in Romania in the period 2014-2020. Challenges and achievements*
- 3.9. Violeta FLORIAN**, *Organic farming contribution to regional development: social determinants*
- 3.10. Nicola GALLUZZO**, *Agri-tourism and less favoured areas subsidies impact on the technical efficiency of Italian farms*
- 3.11. Anca Marina IZVORANU**, *Analysis of digital skills of the Romanian population*
- 3.12. Adrian Petre LIPTAC, Tatiana SEDLEȚCHI, Silvius STANCIU**, *The evolution of labor force in Romania's agriculture. Statistics and analysis*
- 3.13. Oksana MYKHAILENKO**, *The need to respect human rights is a prerequisite for the implementation of economic reforms – opportunities for Ukraine*
- 3.14. Vladimir K. PAVLYK**, *Model forming the system of development of agricultural entities*
- 3.15. Radu REY, Otilia MANTA**, *Mountain economy - pillar to support the national economy in the Horizon 2050*
- 3.16. Elisabeta ROȘU**, *Sustainable rural development – territorial disparities*
- 3.17. Marioara RUSU**, *A typology of Romanian farms: main characteristics and territorial distribution*
- 3.18. Oksana RYKOVSKA**, *Local government reform in Ukraine: facilitating or constraining inclusive rural development?*
- 3.19. Nino SACHALELI**, *Sustainability of agri-tourism as a rural development factor*
- 3.20. Pavlo SHYLEPNYTSKYI, Oksana ZYBAREVA, Yurii LOPATYNSKYI**, *Public-private partnership as an instrument for sustainable development of rural areas*
- 3.21. Elena SIMA**, *Effects of post-accession financial support measures on the Romanian rural economy diversification*
- 3.22. Silvius STANCIU, Raluca Beatrice COSTEA (VOINEA)**, *Tourism in Romania and the Republic of Moldova – analyses and recommendations*
- 3.23. Alexandru STRATAN, Eugenia LUCAȘENCO, Alexandru CEBAN**, *Current analysis and perspectives for the development of rural areas in the Republic of Moldova*
- 3.24. Marius SURUGIU, Raluca MAZILESCU**, *Financing the capitalization of the built cultural heritage in the rural area*
- 3.25. Monica-Mihaela TUDOR**, *Smart villages - conceptual approaches and policymaking implications*
- 3.26. Valentina VASILE, Andreea-Oana ENACHE, Andreea STROE, Răzvan VASILE, Simona-Andreea APOSTU**, *Integrated local development through the natural and anthropic heritage capitalization. The challenges of the COVID-19 crisis for the rural area in Romania*
- 3.27. Ruxandra POP**, *System dynamics model for sustainable development of tourism in Danube Delta region*