

**UNIVERSITATEA DE ȘTIINȚE AGRICOLE ȘI MEDICINĂ VETERINARĂ  
A BANATULUI "REGELE MIHAI I AL ROMÂNIEI" DIN TIMIȘOARA  
FACULTATEA DE MANAGEMENT ȘI TURISM RURAL  
ACADEMIA ROMÂNĂ - FILIALA TIMIȘOARA, CENTRUL DE  
CERCETARE PENTRU DEZVOLTARE DURABILĂ  
UNIVERSITATEA DIN SZEGED  
COLEGIUL DE AGRICULTURĂ DIN HÓDMEZÖVÁSÁRHELY  
SOCIETATEA ACADEMICĂ DE MANAGEMENT DIN ROMÂNIA -  
FILIALA TIMIȘOARA  
SZENT ISTVÁN UNIVERSITY, FACULTY OF AGRICULTURAL  
STUDIES AND ECONOMICS, HUNGARY**



**SAMIRO**  
SOCIETATEA ACADEMICĂ DE MANAGEMENT DIN ROMÂNIA

**MULTIDISCIPLINARY CONFERENCE ON SUSTAINABLE  
DEVELOPMENT**

**SECTION  
MANAGEMENT OF SUSTAINABLE RURAL  
DEVELOPMENT**

**TIMIȘOARA  
OCTOBER, 8-9 2020**

## **ORGANISING COMMITTEE** **COMITETUL DE ORGANIZARE**

**Prof. PhD Ioan BRAD**

*- Dean of Faculty of Management and Rural Tourism, USAMVBT*

**Associate Prof. PhD. Jozsef HORVATH**

*- Faculty of Agriculture, Hódmezővásárhely, University of Szeged*

**Prof. PhD Karoly BODNAR**

*- Faculty of Agricultural Studies and Economics, Szent István University, Hungary*

**Prof. PhD Zoltan FUTO**

*- Dean of Faculty of Agricultural Studies and Economics, Szent István University, Hungary*

**Associate Prof. PhD. Tabita Cornelia ADAMOV**

*- Vice Dean of Faculty of Management and Rural Tourism, USAMVBT*

**Prof. PhD. Luminița Pîrvulescu**

*- Vice Dean of Faculty of Management and Rural Tourism, USAMVBT*

**Prof. PhD Tiberiu IANCU - USAMVB Timisoara**

**Prof. PhD Sorin STANCIU - USAMVB Timisoara**

**Prof. PhD Elena PEȚ - USAMVB Timisoara**

**Prof. PhD Cornelia PETROMAN - USAMVB Timisoara**

**Prof. PhD Ioan PETROMAN – USAMVB Timisoara**

**Prof. PhD Nicoleta MATEOC-SÎRB – USAMVB Timisoara**

**Associate Prof. PhD Ioana BĂLAN - USAMVB Timisoara**

**Associate Prof. PhD Remus GHERMAN - USAMVB Timisoara**

**Associate Prof. PhD Iasmina IOSIM - USAMVB Timisoara**

**Associate Prof. PhD Iuliana MERCE - USAMVB Timisoara**

**Associate Prof. PhD Anda MILIN - USAMVB Timisoara**

**Associate Prof. PhD Manuela Dora ORBOI - USAMVB Timisoara**

**Associate Prof. PhD Gabriela POPESCU - USAMVB Timisoara**

**Associate Prof. PhD Diana RABA - USAMVB Timisoara**

**Associate Prof. PhD Ciprian RUJESCU - USAMVB Timisoara**

**Associate Prof. PhD Cosmin SĂLĂȘAN - USAMVB Timisoara**

**Associate Prof. PhD Corina SÎRBU - USAMVB Timisoara**

**Associate Prof. PhD Claudia SÎRBULESCU - USAMVB Timisoara**

**Associate Prof. PhD Elena TONEA - USAMVB Timisoara**

**Lecturer PhD Ramona CIOLAC - USAMVB Timisoara**

**Lecturer PhD Carmen DUMITRESCU - USAMVB Timisoara**

**Lecturer PhD Ana Mariana DINCU - USAMVB Timisoara**

**Lecturer PhD Andrea FEHER - USAMVB Timisoara**

**Lecturer PhD Diana MARIN - USAMVB Timisoara**

**Lecturer PhD Sebastian MOISA - USAMVB Timisoara**

**Lecturer PhD Monica OCNEAN - USAMVB Timisoara**

**Lecturer PhD Cosmina TOADER - USAMVB Timisoara**

**Assistant PhD Adrian FIRU - USAMVB Timisoara**

**Assistant PhD Oana SICOE-MURG - USAMVB Timisoara**

**Assistant PhD Loredana VĂDUVA** - USAMVB Timisoara

**Scientific Researcher Ing. PhD Adrian BĂNEȘ** - Timisoara Branch of  
Romanian Academy - Research Center for Sustainable Rural  
Development of Romania

**Scientific Researcher Ing. PhD Miroslav RAICOV** - Timisoara Branch  
of Romanian Academy - Research Center for Sustainable Rural  
Development of Romania

## **PROGRAMME OF THE CONFERENCE**

**Thursday – October, 08 2020**

- 10<sup>00</sup> – 10<sup>10</sup>** ***Opening Ceremony - Iulian Drăcea Lecture Hall***  
**- Prof. Cosmin POPESCU, Ph.D,** Rector of Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara  
**- Prof. Isidora Radulov, Ph.D,** Vicerectorul Research, Innovation and Tehnology Transfer of Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara
- 10<sup>10</sup> – 10<sup>30</sup>** ***Science, the media and communication***  
**Mr. MOROSAN SERBAN** - Director Unité Mixte de Service, France, Associate Professor USAMV Iasi, French National Institut of Health and Medical Research, Sorbonne University
- 10<sup>30</sup> – 10<sup>50</sup>** ***Sustaining the Natural Wonders of the Caribbean and the Communities who Depend on them***  
**Mr. HUSWALD TIMOTHEE** - Honorary Consul General of Romania in Haiti, President of College Universitaire de Roumanie in Haiti, President of the Fund for Biodiversity in Haiti
- 10<sup>50</sup> – 11<sup>10</sup>** ***Probiotic approaches to modifying the microbial populations how do you choose and why?***  
**Mr. TODD RILEY CALLAWAY** - University of Georgia, Department of Animal and Dairy Science
- 11<sup>10</sup> – 11<sup>30</sup>** ***Impact of industrial production system parameters on Chicken microbioms***  
**Mr. OZAN GUNDOGDU** - Assistant Professor - Department of Infection Biology, London School of Hygiene and Tropical Medicine, Department of Infection Biology

## **Friday – 09 October 2020**

### **Moderators:**

**Prof. PhD Karoly BODNAR** - Szent István University

**Prof. PhD Ioan BRAD** - USAMVB Timișoara

**Associate Prof. PhD Cosmin SĂLĂȘAN** - USAMVB Timișoara

- 10<sup>00</sup> – 10<sup>15</sup>** *Opening Ceremony - Iulian Drăcea Lecture Hall*
- 10<sup>15</sup> – 10<sup>30</sup>** **CAMELIA GAVRILESCU**  
*Recent trends in Romanian and EU New Member States agri-food trad*
- 10<sup>30</sup> – 10<sup>45</sup>** **MONICA-MIHAELA TUDOR, CAMELIA GAVRILESCU, JULIE URQUHART, VALENTIN-MIHAI BOHATERET, IOAN-SEBASTIAN BRUMA, KRISZTINA-MELINDA DOBAY, DANIELA MATEI, LUCIAN TANASA**  
*Role of learning in building resilience of small-mixed farming system - a Romanian case study*
- 10<sup>45</sup> – 11<sup>00</sup>** **COSMIN SĂLĂȘAN, RAUL PAȘCALĂU, CARMEN DUMITRESCU**  
*Community development and the LEADER approach in Romania*
- 11<sup>00</sup> – 11<sup>15</sup>** **IOANA MIHAELA BĂLAN, RAMONA LILE, COSMIN SALASAN, ANA-MARIANA DINCU**  
*Pareto Diagram in the qualitative evaluation of wheat*
- 11<sup>15</sup> – 11<sup>30</sup>** **REMUS GHERMAN, ANA-MARIANA DINCU, IOAN BRAD**  
*Comparative study regarding research and innovation in Romania and other EU member states*
- 11<sup>30</sup> – 11<sup>45</sup>** **ALEXANDRU OCTAVIAN PANGRATIE, IOAN CSOSZ, TEODOR MATEOC, ADINA FLOREA, HUNOR VASS, NICOLETA MATEOC-SÎRB**  
*Agriculture and rural development-categories of investments and instruments to support them HUNOR*
- 11<sup>45</sup> – 12<sup>00</sup>** **VASS, RAMONA CIOLAC, IOAN CSOSZ, TEODOR MATEOC, CLEOPATRA PLEȘCA, OANA SICOE-MURG, NICOLETA MATEOC-SÎRB**  
*Rural and periurban environment - features, trends and important actors*

**POSTERS SECTION**  
**08 – 09 October 2020**

**TOPICS: AGRICULTURAL MANAGEMENT, MARKETING  
AND CONSULTANCY & TOURISM**

**Moderators:**

**Prof. PhD Tiberiu IANCU** - USAMVB Timișoara

**Prof. PhD Elena PETȚ** - USAMVB Timișoara

**Prof. PhD Ioan PETROMAN** - USAMVB Timișoara

**Associate Prof. PhD Tabita ADAMOV** - USAMVB Timișoara

**KAROLY BODNAR, GABOR BODNAR**

*Drinking water supply in rabbit production: short review*

**KAROLY BODNAR, ERIKA SKOBRÁK SKOBRÁK BODNAR**

*A short overview of broiler chickens' drinking water supply*

**KATALIN SIPOS, KAROLY BODNAR**

*The positive effects of pet rabbit assisted education on high school students*

**TIBERIU CRISTIAN AVRAMESCU**

*Tourism in the bioeconomy of Romania*

**SERGIU RUSU, FLORIN LUCIAN ISAC**

*A view on medical tourism*

**GEORGE TOADER**

*Marketing of organic products in Romania: problems, trends, markets*

**TIBERIU IANCU, TABITA CORNELIA ADAMOV, IOAN  
PETROMAN, ȘÎRBULESCU CALUDIA, ANDA MILIN, ANKA  
ȘUBA, LUCIAN PASCARIU**

*Agritourism – supplementary income source for the rural population*

**CORNELIA PETROMAN, TIBERIU IANCU, DIANA MARIN,  
LOREDANA VADUVA, IOAN PETROMAN**

*Types of virtual tourism*

**CORNELIA PETROMAN, DIANA MARIN, TABITA ADAMOV,  
LOREDANA VADUVA, IOAN PETROMAN**

*Forms of tourism along the Bega canal from the Iosefin district  
from Timișoara*

**IOAN PETROMAN, GABRIELA POPESCU, DIANA MARIN,  
LOREDANA VĂDUVA, CORNELIA PETROMAN**

*Subtypes of archaeological site tourism*

**IOAN PETROMAN, CORNELIA PETROMAN, LOREDANA  
VĂDUVA, IASMINA IOSIM, DIANA MARIN**

*The relationship between archeotourism and other types of  
historical cultural niche tourism*

**LUMINITA CORNELIA PIRVULESCU, ISIDORA RADULOV,  
TABITA CORNELIA ADAMOV, DIANA NICOLETA RABA,  
DESPINA MARIA BORDEAN**

*Evaluation of the nutritional values of amaranth and Chia seeds*

**LUMINITA CORNELIA PIRVULESCU, TABITA CORNELIA  
ADAMOV, LIANA MARIA ALDA, CLAUDIA ELENA  
SIRBULESCU, DESPINA MARIA BORDEAN**

*Comparative study of nutritional properties of walnuts versus  
coconut*

**TABITA CORNELIA ADAMOV, TIBERIU IANCU, RANOMA  
CIOLAC, IOAN BRAD, CORNELIA PETROMAN, ANKA SUBA**

*Analysis of the Romanian tourist market*

**IOANA MIHAELA BALAN, RAMONA LILE, COSMIN SALASAN,  
ANA-MARIANA DINCU**

*Quality evaluation using Benchmarking analysis of meat products  
retailed in Romania*

**IASMINA IOSIM, ANKA SUBA, GABRIELA POPESCU**

*Promoting tourism through the language of advertising*

**IASMINA IOSIM, ANKA SUBA, CRISTINA BABCSANYI**

*Impact of social networks and social media on communication*

**RAMONA CIOLAC**

*Agritourism - relevant aspects*

**RAMONA CIOLAC, TABITA ADAMOV, GABRIELA POPESCU,  
DIANA MARIN, OANA SICOE-MURG**

*The organization of romanian agritourism*

**DIANA MARIN, CORNELIA PETROMAN, TABITA ADAMOV,  
RAMONA CIOLAC, LOREDANA VADUVA, IOAN PETROMAN**

*Medical tourism and its subtypes*

**DIANA MARIN, CORNELIA PETROMAN, IANCU TIBERIU,  
RAMONA CIOLAC, LOREDANA HEBER, IOAN PETROMAN**

*Spiritual tourism and pilgrimage tourism concepts and typology*

**LOREDANA VĂDUVA, CORNELIA PETROMAN, TABITA  
ADAMOV, DIANA MARIN, IOAN PETROMAN**

*Advantages and disadvantages of practicing adventure tourism*

**LOREDANA VĂDUVA, ELISABETA BIANCA PANDURU,  
CORNELIA PETROMAN, TABITA ADAMOV, DIANA MARIN,  
IOAN PETROMAN**

*Tourism forms practicable in protected areas*

**ELISABETA BIANCA PANDURU, GELU HUZAU, CORNELIA  
PETROMAN, DIANA MARIN, IOAN PETROMAN**

*Measures of judicious location of animal farms to avoid  
environmental pollution*

**IONUȚ RISTEA, SORIN MARIN, GELU HUZĂU, DIANA MARIN,  
CORNELIA PETROMAN, IOAN PETROMAN**

*The reasons for spending time at the animal farm*

**LUCIAN PASCARIU, ANA GINA TRICA, IOAN PETROMAN**

*Measures to improve the management of sheep meat production*

**LUCIAN PASCARIU, ANA GINA TRICA, IOAN PETROMAN**

*New possibilities to improve the use of plant resources in sheep  
feed*

**TOPICS: ECONOMY AND RURAL DEVELOPMENT &  
AGRICULTURAL FINANCE, ACCOUNTING AND  
LEGISLATION**

**Moderators:**

**Prof. PhD Nicoleta MATEOC-SIRB** - USAMVB Timișoara

**Prof. PhD Cornelia PETROMAN** - USAMVB Timișoara

**Prof. PhD Luminița PÎRVULESCU** - USAMVB Timișoara

**Associate Prof. PhD Anda MILIN** - USAMVB Timișoara

**VIKTOR JÓZSEF VOJNICH**

*Plant protection testing of garlic varieties*

**KRISZTINA TOTH, MONICA OCNEAN, EDINA EDINA FÚRÉSZ,  
DANIEL AMARIEI**

*Role of agriculture extension in the agricultural knowledge system  
- State-Of-The-Art*

**DANIEL AMARIEI, CLAUDIU UTOIU, MONICA OCNEAN,  
CSILLA FAZEKAS, KRISZTINA TOTH**

*Adapting SMART irrigation systems - sustainable solution for the  
future*

**TIBERIU CRISTIAN AVRAMESCU**

*Rural development opportunities in the Romanian bioeconomy*

**BOGDAN COSMIN GOMOI, ROBERT CRISTIAN ALMASI**

*Convergences and divergences within the communication  
between the accountant and the manager*

**BOGDAN COSMIN GOMOI, ROBERT CRISTIAN ALMASI**

*Study on the assessment of assets based on the capitalization  
method*

**ALINA HAGIU, MARINELA BĂRBULESCU, ALINA  
GEORGIANA OPREA**

*The role and importance of financial risk indicators*

**ALINA HAGIU, MARINELA BĂRBULESCU, MARIA DENISA VOICU**

*The role of European bank for reconstruction and development in financing Romania's economy before and during Covid-19 pandemic*

**DANIELA HARANGUS, LAVINIA FLORICA MICLOȘ, ANDREA FEHER**

*The evolution and characteristics of consortium financing*

**DANIELA HARANGUS, RAMONA RACZ**

*Analysis of Raiffeisen Bank's credit portfolio and its associated risks*

**SORINEL IONEL BUCUR**

*Cuniculture (rabbit farming) – an economic alternative for rural households from the perspective of African swine fever restrictions*

**ADRIAN BĂNEȘ, MIROSLAV RAICOV, ANDREA FEHER, MANUELA-DORA ORBOI**

*Analysis of the evolution of livestock in "Hateg Country", during 2000-2017 period*

**ADRIAN BĂNEȘ, MIROSLAV RAICOV, FEHER ANDREA, NICOLETA MATEOC-SÎRB, MANUELA-DORA ORBOI**

*Analysis of the public utilities equipping of the communes from "Hateg Country", Hunedoara county*

**CARMEN GEORGETA GHERGHELES, DANA CAMELIA MARELE**

*Comparative study for rural tourism in Padurea Craiului area june-july 2019 compared to the same period 2020*

**DANIELA CAMELIA MARELE, CARMEN GHERGHELES**

*Study on Bihor county traditional gastronomy*

**MIROSLAV RAICOV, ANDREA FEHER, VASILE GOȘA, ADRIAN BĂNEȘ**

*Supporting the new generation of farmers trough European funds*

**FLORIN SALA, CIPRIAN RUJESCU**

*Mathematical model to describe of some ammonium nitrate physical properties in relation to the uniformity of granulated fertilizer applications*

**FLORIN SALA, ADINA-DANIELA DATCU, CIPRIAN RUJESCU**

*Leaf area determination for *Alnus Glutiosa* (L.) gaertn using nondestructive methods*

**TIBERIU IANCU, TABITA CORNELIA ADAMOV, CORNELIA PETROMAN, ANKA ȘUBA, LUCIAN PASCARIU**

*Aspects characterizing the labor force from Romanian agriculture*

**TABITA CORNELIA ADAMOV, TIBERIU IANCU, LUMINIȚA PIRVULESCU, ELENA PET, MATEOC-SÎRB NICOLEȚA, COSMIN SĂLĂȘAN, LUCIAN PASCARIU**

*Characterization of the Romanian rural area in a European context*

**DIANA NICOLEȚA RABA, GABRIELA POPESCU, LUMINIȚA CORNELIA PÎRVULESCU, DIANA NICOLEȚA RABA, AURICA BREICA BOROZAN**

*Study of the influence of the preparation method and the seasoning ingredients on the sensory characteristics of pork hamburger*

**ELENA CLAUDIA SÎRBULESCU, LUMINITA PIRVULESCU, ANDREA FEHER, MARIANA CHIRILA, DANIEL CHIRILA**

*Analysis of the interest rate on the deposits and loans of population's households practiced by the credit institutions from Romania*

**ELENA CLAUDIA SÎRBULESCU, LUMINITA PIRVULESCU, ANDREA FEHER, TIBERIU IANCU, SIMION ALDA**

*The income tax from agricultural activities on the basis of income rate*

**ANDREA FEHER, MIROSLAV RAICOV, ADRIAN BĂNEȘ**

*Study on the level of crediting of the economic sectors in Romania*

**ANDREA FEHER, KAROLY BODNAR, MIROSLAV RAICOV**

*Comparative study on the level of agriculture lending in some European countries*

**OANA MARIA SICOE-MURG, TEODOR MATEOC, SIMONA CRISTINA CONSTANTINESCU, HUNOR VASS**

*Are online media, by their social networks determinative in the development and promotion of insurances?*

**OANA MARIA SICOE-MURG**

*Does the private pension market represent a solution for "old" Romania?*

**ANDREEA LIDIA JURJESCU, RICCARDO GELATI, ANDREI LAZAR, TEODOR MATEOC, ADRIAN BANEȘ, MIROSLAV RAICOV, NICOLETA MATEOC-SÎRB**

*Economic importance of organic flax cultivation in Western Romania*

**ANDREEA JURJESCU, NICOLETA MATEOC-SÎRB, IOAN CSOSZ**

*The characteristics of the Romanian rural area*

**ANDREEA JURJESCU, IOAN CSOSZ, NICOLETA MATEOC-SÎRB**

*The main features of rural agricultural area of West Region*

**ALEXANDRU OCTAVIAN PANGRATIE, TEODOR MATEOC, IOAN CSOSZ, OANA BRÎNZAN, EUGENIA ȚIGAN, NICOLETA MATEOC-SÎRB**

*Study regarding the development degree of the Western Region*

**HUNOR VASS, TABITA ADAMOV, IOAN CSOSZ, TEODOR MATEOC, ANDREEA JURJESCU, NICOLETA MATEOC-SÎRB**

*Specific features and characteristics of sustainable development*

**VERONICA MINODORA STOI, IOAN CSOSZ, NICOLETA MATEOC-SÎRB**

*Romanian rural economy-features and performances*

**VERONICA MINODORA STOI, IOAN CSOSZ, NICOLETA MATEOC-SÎRB**

*Organic farming - definition, principles, data and realities*

**CLEOPATRA PLEȘCA, IOAN CSOSZ, SABIN JR. CHIȘ, NICOLETA MATEOC-SÎRB**

*Rural area - typology and trends*

**CLEOPATRA PLEȘCA, IOAN CSOSZ, SABIN JR. CHIȘ, NICOLETA MATEOC-SÎRB**

*Rural labor force-features and situations*

**ADINA MIHAELA FILIP, CSOSZ IOAN, NICOLETA MATEOC-SÎRB**

*Arguments and proposals to sustain rural tourist viability of the West Region*

**ADINA MIHAELA FILIP, IOAN CSOSZ, NICOLETA MATEOC-SÎRB**

*Rural tourism forms possible to be carried out in the rural area. Relevant principles and issues*

**BOGDAN ȘONCA, IOAN CSOSZ, SABIN JR. CHIȘ, NICOLETA MATEOC-SÎRB**

*Rural tourism- defining aspects and the premises for the development*

**BOGDAN ȘONCA, IOAN CSOSZ, SABIN JR. CHIȘ, NICOLETA MATEOC-SÎRB**

*Rural tourist network-a way to encourage the development of rural tourism*