



**UNIVERSITY OF LIFE  
SCIENCES "KING MIHAI I"  
FROM TIMIȘOARA  
ROMANIA**



The **FACULTY OF AGRICULTURE**

*in collaboration with*

**HUNGARIAN UNIVERSITY OF AGRICULTURE AND LIFE  
SCIENCES, UNIVERSITY OF NOVI SAD, SERBIA, JOSIP  
JURAJ STROSSMAYER UNIVERSITY OF OSIJEK, CROATIA,  
SCDA LOVRIN, ROMANIAN ACADEMY OF AGRICULTURAL  
AND FORESTRY SCIENCES**



Josip Juraj Strossmayer  
University of Osijek

**Faculty of  
Agrobiotechnical  
Sciences Osijek**



**INTERNATIONAL CONFERENCE**

**"YOUNG PEOPLE AND  
MULTIDISCIPLINARY RESEARCH IN  
APPLIED LIFE SCIENCES"**

**Section YOUNG PEOPLE AND  
AGRICULTURE RESEARCH – 19<sup>TH</sup> EDITION**

**TIMIȘOARA  
November 16<sup>th</sup>-17<sup>th</sup>, 2023**

## **ORGANISING COMMITTEE**

**Prof. PhD Florin IMBREA**

- *Dean of Faculty of Agriculture, ULS Timisoara*

**Associate Prof. PhD Laura ŞMULEAC**

- *Vice Dean Faculty of Agriculture, ULS Timisoara*

**Associate Prof. PhD Florin CRISTA**

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**Prof. PhD Valeriu TABĂRĂ** – ASAS ROMÂNIA

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**Prof. PhD Lucian NIŢĂ** – ULS Timisoara

**Prof. PhD Gicu Gabriel ARSENE** - ULS Timisoara

**Lecturer PhD Alina LAŢO** - ULS Timisoara

**Associate Prof. PhD Veronica SĂRĂŢEANU** - ULS Timisoara

**Lecturer PhD Casiana MIHUŢ** - ULS Timisoara

**Lecturer PhD Mihaela FERICEAN** - ULS Timisoara

**Lecturer PhD Olga Rada** - ULS Timisoara

**Lecturer PhD Daniel DICU** - ULS Timisoara

**Assistant PhD George POPESCU** - ULS Timisoara

**Assistant PhD Ştefan BĂTRÎNA** - ULS Timisoara

## PROGRAMME OF THE CONFERENCE

<b>THURSDAY –November, 16<sup>th</sup> 2023</b>	
<b>9<sup>30</sup> – 10<sup>30</sup></b>	<p><b><i>Welcoming and registration of the participants in front of Iulian Drăcea Lecture Hall</i></b></p> <p><b><i>Primirea și înregistrarea participanților în fața Aulei Iulian Drăcea</i></b></p>
<b>10<sup>30</sup> – 10<sup>40</sup></b>	Opening speech - <b>Prof. dr. Alin Cosmin Popescu</b> , Rector ULST
<b>10<sup>40</sup> – 10<sup>50</sup></b>	Conference opening – <b>Prof. dr. Isidora Radulov</b> , Vice Rector for Research, Innovation and Technology Transfer, ULST
<b>10<sup>50</sup> – 11<sup>15</sup></b>	<b><i>Ec. Emanuel Popa</i></b> , Director executiv, SC PRONAT SRL TIMISOARA - <i>The link between organic and sustainability</i>
<b>11<sup>15</sup> – 11<sup>30</sup></b>	<b>Nikola ČOBANOVIĆ</b> , Sara ČALOVIĆ, Nevena GRKOVIĆ, Slobodan KNEŽEVIĆ, Marko PAJIĆ - <i>Effects of coccidiosis on the welfare, growth performance, carcass and meat quality of broilers</i>
<b>11<sup>30</sup> – 11<sup>45</sup></b>	<b>Simona Maria ILIE</b> , Carlo Marius DRAGOMIR, Delia Gabriela DUMBRAVĂ, Camelia MOLDOVAN, Diana Nicoleta RABA - <i>Health benefit of ancient wheat-based bakery products compared to modern wheat based ones</i>
<b>11<sup>45</sup> – 12<sup>00</sup></b>	<b>Aisha Adan JALDESA</b> , Afiqah Izzati Binti SUNDUSIN, Diksha MISHRA, Phoymany SOMANY - <i>Sustainability in small-scale and rural farming</i>
<b>12<sup>00</sup> – 13<sup>30</sup></b>	<b>Lunch</b>

13 <sup>30</sup> – 13 <sup>45</sup>	<b>Andreea NEACȘU-NIȚU</b> , Laura-Cătălina GIUREA-DUMITRA, Mihai-Romeo DINICĂ, Dimitrie-Vlad NEAGU, Ștefania Mariana RAIȚA - <i>A review on shelf-life extension of fresh fish with the use of black cumin oil (Nigella sativa L.) and antimicrobial and antibacterial activity of Nigella sativa</i>
13 <sup>45</sup> – 14 <sup>00</sup>	<b>Maria ROȘCA</b> , Alexandra CRISTIAN, Mario CODREANU - <i>Correlative study regarding the anemic status in the hematuric patient</i>
14 <sup>00</sup> – 14 <sup>15</sup>	<b>Andra-Ioana BALAUR</b> , Alexandru Ioan CĂLIN - <i>Innovations in aquaponic systems for sustainable agriculture: a transnational review</i>
14 <sup>15</sup> – 14 <sup>30</sup>	Miruna-Magda MORARIU, Eugen-Cătălin ZOICAN, <b>Andreea CÎRSTEA</b> , Maria-Alexandra FERENCZ, Aryan AHMADI-KHOIE, Florica MORARIU - <i>Phytoremediation of land polluted with non-recyclable plastic</i>
14 <sup>30</sup> – 14 <sup>45</sup>	<b>F. A. HUIBAN</b> , Vasiliki LIARETIDOU, Sorina POPESCU, Aurica BOROZAN - <i>Evaluation of the antibacterial effect of actinomycetes</i>
14 <sup>45</sup> - 15 <sup>00</sup>	<b>Mara JURJE</b> , Francesca POP, Felix ARION - <i>The opportunity to establish a local gastronomic point in Floresti commune, Cluj County</i>
15 <sup>00</sup> – 15 <sup>30</sup>	<b>Coffee break</b>
15 <sup>30</sup> - 15 <sup>45</sup>	<b>Bilal AI BENNI</b> , Veronica SĂRĂȚEANU, <i>A comparison of the agricultural sector in Romania and Turkey</i>

<b>15<sup>45</sup> - 16<sup>00</sup></b>	<b>Sundusin Afiqah Izzati BINTI</b> , Zhou DAI, Adrienn SZARVAS - <i>Developing the potential of microbial agents for sustainable plant disease control: insights from recent research</i>
<b>16<sup>00</sup> - 16<sup>15</sup></b>	<b>Andreea NISTOR</b> , Florin HUIBAN, Cerasela PETOLESCU - <i>Evaluation of somaclonal variability in <i>Lycium Barbarum</i> using RAPD markers</i>
<b>16<sup>15</sup> - 16<sup>30</sup></b>	<b>Teodora TOADER</b> , Larisa TOADER, Dana-Iuliana NEAȚĂ, Alexandra SCHILLER, Igori BALTA, Marco di STANISLAO, Teodor VINTILĂ - <i>Sizing of a biogas plant in the teaching farm of ULST</i>
<b>16<sup>30</sup> - 16<sup>45</sup></b>	<b>Sergei IAROVOI</b> , Urwa JAVAID, Orsolya HALMAI, Török Liliana, Zsolt TÖRÖK, <i>Preliminary study on the ecological status of riparian zones of running waters in a Central European urban area (Budapest, Hungary)</i>
<b>16<sup>45</sup> - 17<sup>00</sup></b>	<b>Maia CAPOTESCU</b> , S. CAPOTESCU, Adriana CIULCA, Giancarla VELICEVICI, S. CIULCA - <i>Assessment of variability for fruit characteristics in five apple varieties from an ecological orchard</i>
<b>17<sup>00</sup> - 17<sup>15</sup></b>	<b>Martin GBENDA</b> , G.Salifu FALLALU Rahman Joseph BONNEY, Wang LUYAO - <i>Tourism in Ghana, Sierra Leone and China</i>
<b>17<sup>15</sup> - 17<sup>30</sup></b>	<b>Gabriela CIUBOTARU</b> , Anca Mihaly COZMUTA, Camelia NICULA, Leonard Mihaly COZMUTA, Anca Dumuța, Malgorzata KORZENIOWSKA, Anca PETER - <i>Influence of the marinade and of the thermal treatment on the physical-chemical characteristics of deer meat</i>
<b>17<sup>30</sup> - 17<sup>45</sup></b>	<b>Iulia BENKO</b> , Anca Mihaly COZMUTA, Camelia NICULA, Leonard Mihaly COZMUTA, Goran DRAZIC,

<p><b>17<sup>45</sup> – 18<sup>00</sup></b></p>	<p>Anca PETER - <i>The influence of heat treatment conditions on the water vapor barrier properties of polyvinyl alcohol-based films</i></p> <p>Ivana PANTEA, Alexandru PAHOMI, Daniela DASCĂLU - <i>Determination of water-soluble vitamins from food supplements</i></p>
<p><b>18<sup>00</sup> – 19<sup>00</sup></b></p>	<p><b>Dinner</b></p>
<p><b>FRIDAY – November, 17<sup>th</sup> 2023</b></p>	
<p><b>10<sup>00</sup> – 12<sup>00</sup></b></p>	<p><b>Oportunități de finanțare a proiectelor prin Ministerul Mediului în cadrul Planului Național de Redresare și Reziliență</b></p> <p><b>Speakeri:</b>  <b>Ionuț Sorin BANCIU</b> - Secretar de Stat, Ministerul Mediului, Apelor și Pădurilor  <b>Alexandru AVRAM</b> – Secretar general, Ministerul Mediului, Apelor și Pădurilor</p>

**POSTER SESSION**  
**16<sup>th</sup>-17<sup>th</sup> November 2023**

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<b>1.</b>	<b>Aioanei Denisa, Anches Dorian, Manea Dan, Ienciu Anișoara</b>	<b>CONTROL OF THE SEGETAL SPECIES <i>POLYGONUM AVICULARE</i> L. IN THE WHEAT CROPS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></b>
<b>2.</b>	<b>Antal Narcis, Odagiu Antonia, Balint Claudia</b>	<b>FOOD POLLUTION. A CASE STUDY: MEAT PRODUCTS - <i>University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania</i></b>
<b>3.</b>	<b>Audi Florentina, Șmuleac Laura, Tulbure Cristina</b>	<b>STUDIES REGARDING THE CAUSING OF FLOODING ON THE HYDROGRAPHIC BASIN OF PETRIȘ VALLEY - <i>Technological High School of Construction and Environmental Protection, Arad, Romania</i></b>
<b>4.</b>	<b>Augustinov Răzvan, Berbecea Adina, Crista Laura, Floareș Doris, Radulov Isidora</b>	<b>QUALITY OF ARANCA RIVER WATERS IN SÂNNICOLAU MARE AREA - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></b>
<b>5.</b>	<b>Baicu (Zoican) Ștefana, Grozavu Beniamin-Fabian, Iordănescu Olimpia Alina</b>	<b>EVOLUTION OF CHERRY PRODUCTION WORLDWIDE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></b>
<b>6.</b>	<b>Badaluta-Minda Codruta, Dunca Andreea- Mihaela</b>	<b>THE RELATIONSHIP BETWEEN THE LAND SURFACE TEMPERATURE AND NORMALIZED DIFFERENCE VEGETATION INDEX, <i>Politehnica University of Timisoara, Romania</i></b>

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<p><b>7. Berçar Petreszelyem Andrada, Floares Doris, Plustea Loredana, Obistioiu Diana, Smuleac Laura</b></p>	<p>ANTIBIOFILM ACTIVITY OF ORIGANUM VULGARE - <i>Universidad Rey Juan Carlos, Madrid, Spain</i></p>
<p><b>8. Bihuneti Claudiu, Baicu (Zoican) Ştefana, Iordănescu Olimpia Alina</b></p>	<p>EVOLUTION OF WALNUTS PRODUCTION WORLDWIDE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>9. Boldizsar Ionela, Marazan Vlad, Cozma Antoanela, Radulescu Hortensia</b></p>	<p>THE FREQUENCY OF LIGHTNING STRIKES IN THE WESTERN PART OF ROMANIA AND THEIR IMPACT IN THE TIMESCALE 1991-2020 - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>10. Bujora Călin, Măriuță Roxana, Arsine Diana, Vîrteiu Ana – Maria, Grozea Ioana</b></p>	<p>3 MAJOR INSECT PESTS OF CORN CROPS IN WESTERN ROMANIA - IMPACT OF CHANGING CLIMATIC FACTORS ON ABUNDANCE AND POPULATION DYNAMICS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>11. Bupte (Râpă) Cristina, Niță Lucian, Niță Simona</b></p>	<p>LIMITING FACTORS OF FERTILITY AND SOIL RESOURCES IN SELEUȘ MUNICIPALITY, ARAD COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>12. Ciorca Vasile, Odagiu Antonia, Balint Claudia</b></p>	<p>CHARACTERIZATION AND EVALUATION OF NOISE POLLUTION IN CLUJ-NAPOCA - <i>University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania</i></p>



<b>13. Ciubotaru Daniel, Crăciunescu Rodica Anișoara, Stroia Ciprian, Stef Ramona</b>	MONITORING OF GRASSLANDS IN SARAVALE COMMUNE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>14. Copăcean Loredana, Man Eugen, Herban Sorin, Popescu Cosmin Alin, Cojocariu Luminița</b>	INVENTORY OF GRASSLAND SURFACES IN THE CRÍSUL ALB HYDROGRAPHIC BASIN, USING GIS TECHNIQUES - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>15. Covaciu Darius, Niță Lucian, Niță Simona</b>	THE NATURAL POTENTIAL OF SOILS PRODUCTION FROM S.C. DM AGROLUGOJ S.R.L. BARA MUNICIPALITY, TIMIȘ COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>16. Cozma Bogdan, Mărăzan Vlad, Anghel Iasmina Madalina, Cozma Antoanela, Rădulescu Hortensia</b>	PRELIMINARY RESEARCH REGARDING THE USE OF EGGSHLL POWDER FOR THE REHABILITATION OF SOILS CONTAMINATED WITH LEAD AND CADMIUM - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>17. Dragoescu Andreea, Durau Carmen, Ibric Alexandra Ioana, Iosim Iasmina, Lungu Marius Robert</b>	SUSTAINABLE COMMUNICATION FROM A BIOSEMIOTIC PERSPECTIVE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>18. Drăgoi (Mihuț) Casiana, Gătăianțu Drăgoi Lucian, Delia, Duma Copcea Anișoara, Popa Daniel</b>	PRACTICE OF ENVIRONMENTALLY FRIENDLY AGRICULTURE. CASE STUDY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>

<p><b>19. Drăgoi (Mihuț) Casiana, Neagu Costinel, Mihuț Aurelian, Duma Copcea Anișoara, Popa Daniel</b></p>	<p>DETERMINATION OF THE PHYSICAL PROPERTIES OF THE SOILS IN THE COMMUNE OF TORMAC, TIMIȘ COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>20. Drăgoi Delia, Drăgoi Adelin, Peia Dragoș, Mihuț Casiana, Mircov Vlad</b></p>	<p>GEOMORPHOLOGY AND PEDOCLIMATIC CONDITIONS OF MĂRU LOCATION, CARAȘ SEVERIN COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>21. Drăgoi Delia, Mihuț Aurelian, Vidici Lavinia, Mihuț Casiana, Ciolac Valeria</b></p>	<p>SUSTAINABLE USE OF SOIL AND WATER RESOURCES IN ZĂVOI MUNICIPALITY, CARAȘ SEVERIN COUNTY IN THE CURRENT CONTEXT - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>22. Dragomir Roxana, Țeț Diana, Rotariu Bianca, Gaica Ioan, Borca Madalina</b></p>	<p>EVALUATION OF PEDOLOGICAL CONDITIONS AND THE ESTABLISHMENT OF AMELIORATIVE MEASURES ON THE PERIMETER OF AN AGRICULTURAL HOLDING IN TIMIS COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>23. Dunca Andreea- Mihaela, Bădăluță- Minda Codruța</b></p>	<p>CLIMATIC CHANGES IDENTIFIED IN THE WESTERN PART OF ROMANIA. TREND OF THE MAIN METEOROLOGICAL PARAMETERS OVER A LONG PERIOD OF TIME (1961-2020), <i>Politehnica University of Timisoara, Romania</i></p>

<p><b>24. Floareș Doris, Pluștea Loredana, C. Dinulescu, Alexa Ersilia, Radulov Isidora</b></p>	<p>SECONDARY METABOLITES IN PLANTS: STRUCTURE, BIOSYNTHESIS, BIOACTIVE PROPERTIES - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>25. Gal Demeter, Odagiu Antonia, Balint Claudia</b></p>	<p>URBAN AIR POLLUTION. A CASE STUDY: MONITORING THE NH<sub>3</sub> SO<sub>2</sub> AND H<sub>2</sub>S INDICATORS FROM CLUJ-NAPOCA AREA - <i>University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania</i></p>
<p><b>26. Gal Tamara, Cucos Carmen, Fur Iulia, Rada Olga, Popescu Iuliana</b></p>	<p>THE OPTIMAL CONTENT OF FATTY ACIDS FOR HEALTHY NUTRITION - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>27. Ghergar Alisia, Madăra Răzvan, Popescu George, Dragomir Lucian</b></p>	<p>APLICATION OF MODERN MEASUREMENT TECHNOLOGIES IN THE PROCESS OF SISTEMATIC REGISTRATION OF REAL ESTATE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>28. Ghiman Alin Efraim, Dracea Adrian, Baghina Narcis, Horablaga Adina</b></p>	<p>CONTROLLED WASTE STORAGE AND MONITORING IN THE NON-HAZARDOUS WASTE LANDFILL IN GHIZELA COMMUNE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i></p>
<p><b>29. Gîrjan Cătălina, Butta Liana, Imbrea Ilinca</b></p>	<p>INFLUENCE OF THE APPLICATION OF SELECTED ESSENTIAL OILS ON THE GERMINATION OF SOYBEAN (GLYCINE MAX) SEEDS -</p>

		<i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>30.</b>	<b>Guyvenchy Francois, Darius Leah, Zoican Cătălin, Pașcalău Raul, Șmuleac Laura</b>	DEVELOPPING SUSTAINABLE ECOSYSTEMS IN THE CARRIBEAN AREA - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>31.</b>	<b>Guyvenchy Francois, Jigău Roxana, Vornicu Laura, Pașcalău Raul, Șmuleac Laura</b>	POLLUTION AND BIODIVERSITY IN THE CARRIBEAN - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>32.</b>	<b>Ilca Marin-Vasile, Man Teodor Eugen, Ienciu Anisoara, Beilicci Robert, Grozav Adia</b>	THE IMPORTANCE OF LOGISTICS IN AGRICULTURAL FARMS. THE SUPPORT OFFERED BY LAND IMPROVEMENT WORKS TO ENSURE ITS OPTIMAL FUNCTIONALITY - <i>Polytechnic University of Timisoara, Romania</i>
<b>33.</b>	<b>Iovanovici Velco Sava, Suciu Gheorghe, Mircov Dragoslav Vlad, Mihut Casiana</b>	PRODUCTION RESULTS OBTAINED DEPENDING ON RISK CLIMATE CONDITIONS IN CAMPIA LOCATION, CARAS SEVERIN COUNTY, IN THE PERIOD 2019-2022 - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>34.</b>	<b>Ivanova Kristiyana, Neshev Nesho</b>	WEED MAPPING AND INFLUENCE OF THE WEED INFESTATION ON THE SUNFLOWER PRODUCTIVITY - <i>Agricultural University of Plovdiv, Bulgaria</i>
<b>35.</b>	<b>Ivu Larisa-Nicoleta, Todor Iasmina Patricia, Nistor Denisa Andreea, Costel</b>	ANALYZING, DIGITIZING AND TRANSFORMING AN ANALOG MAP INTO DIGITAL FORMAT IN ORDER TO MODERNIZE

	<b>Bârliba, Livia Luminita Bârliba</b>	THE INFRASTRUCTURE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
36.	<b>Jigău Roxana, Vornicu Laura, Zoican Ștefana, Imbrea Florin, Pașcalău Raul</b>	SUSTAINABILITY OF LAVENDER CULTURES IN BANAT AREA - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
37.	<b>Jigău Roxana, Vornicu Laura, Zoican Ștefana, Imbrea Florin, Pașcalău Raul</b>	SUSTAINABLE LAVENDER USE AND PRODUCTS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
38.	<b>Jurakhonzoda Rauf, Ahmadzoda Bunafsha, Smuleac Laura, Davlatov Muhammad</b>	INNOVATIVE AND DIGITAL APPROACHES TO DEVELOPMENT OF THE AGRO-INDUSTRIAL COMPLEX, <i>Tajik Technical University named after academician M.S.Osimi, Republic of Tajikistan</i>
39.	<b>Jurcoane Maria Roana, Șmuleac Laura, Tulbure Cristina</b>	IMPACT OF CLIMATE CHANGES ON THE FLOW REGIME IN THE MUREȘ HYDROGRAPHIC BASIN, SAVÎRȘIN SECTOR - <i>Technological High School Săvîrșin, Romania</i>
40.	<b>Jurcuț Raul, Marian F., Ibric Alexandra, Imbrea Florin, Botoș Lucian</b>	THE INFLUENCE OF MYCOTIC BIOLOGICAL COMPOUNDS ON THE GERMINATION OF MAIN CROPS IN THE WESTERN REGION OF ROMANIA - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
41.	<b>Jurcuț Raul, Milovan I., Ibric Alexandra, Imbrea Florin, Botoș</b>	COMPARATIVE STUDY ON THE CULTIVATION OF TWO WHEAT VARIETIES IN THE AREA OF CENEI, TIMIȘ

	<b>Lucian</b>	COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>42.</b>	<b>Karaca İsmail, Öğüt Furkan, Külahcı Tahsin, İrik Hasan Ali</b>	SUGAR BEET IRRIGATION STRATEGIES IN TURKEY - <i>Erciyes University, Turkey</i>
<b>43.</b>	<b>Leah Darius, Jigău Roxana, Zoican Cătălin, Pașcalău Raul, Mergheș Petru</b>	ELEVATING RURAL COMMUNITIES THROUGH AGRICULTURE AND ANIMAL HUSBANDRY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>44.</b>	<b>Leah Darius, Zoican Ștefana, Vornicu Laura, Pașcalău Raul, Șmuleac Laura</b>	IMPACT OF WATER POLLUTION ON ANIMAL BREEDING: AN ECOLOGICAL CONUNDRUM - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>45.</b>	<b>Lukačević Marin, Štefanić Edita</b>	WEED SPECIES SHIFTS DUE TO CLIMATE CHANGE: A CASE STUDY OF ROW CROPS IN THE NORTHEASTERN CROATIA - <i>Josip Juraj Strossmayer University of Osijek, Croatia</i>
<b>46.</b>	<b>Mihuț Aurelia, Nytra Julia, Mihuț Casiana, Duma Copcea Anișoara</b>	EFFICIENT USE OF AGRICULTURAL LAND IN THE CURRENT CONTEXT OF CLIMATE CHANGE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>47.</b>	<b>Mihuț Aurelia, Ionașcă Ionela, Mărăzan Vlad, Mihuț Casiana, Duma Copcea Anișoara</b>	CONSERVATION OF SOIL RESOURCES IN THE GIROC AREA - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>48.</b>	<b>Mladin Florian, Văcărescu Grațian, Duma Copcea</b>	STUDIES ON THE HARVESTING OF GRASSY CEREALS WITHIN THE S.C.

	<b>Anișoara, Mihuț Casiana</b>	FARM. ANDREAS AGRO BRIKETS S.R.L. FROM THE TOWN OF BOBDA, TIMIȘ COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>49.</b>	<b>Mladin Florian, Văcărescu Grațian, Duma Copcea Anișoara, Mihuț Casiana</b>	STUDIES REGARDING THE TECHNICAL AND OPERATIONAL CHARACTERISTICS OF THE SCARIFIED AGGREGATE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>50.</b>	<b>Mocanu Florin, Ciontu Costică, Trifan Daniela</b>	THE INFLUENCE OF THE DENSITY AND HYBRID USED REGARDING THE BIOMASS AND DRY MATTER YIELD AT SOME GRAIN SORGHUM HYBRIDS AT ARDS BRAILA - <i>University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania</i>
<b>51.</b>	<b>Molnar Endre, Odagiu Antonia, Balint Claudia</b>	BIOMONITORING NO <sub>x</sub> AND CO <sub>2</sub> USING URBAN TREES - <i>University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania</i>
<b>52.</b>	<b>Morocilă Ileana, Dincu Ana-Mariana</b>	STUDY ON THE EVOLUTION OF AGRICULTURAL AND VEGETABLE PRODUCTION IN CARAȘ-SEVERIN COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>53.</b>	<b>Mureșan Alexandra, Odagiu Antonia, Mihăiescu Tania, Balint Claudia,</b>	MACRO AND MICRO ELEMENTS IN SPONTANEOUS FLORA MUSHROOMS FROM THE TRANSYLVANIAN REGION - <i>University of</i>

	<b>Burduhos Petru</b>	<i>Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania</i>
<b>54.</b>	<b>Oachiş Alexandru, Jigău Roxana, Zoican Cătălin, Paşcalău Raul, Şmuleac Laura</b>	FISHERIES AND ENVIRONMENTAL ISSUES BALANCING RESOURCE UTILIZATION AND CONSERVATION - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>55.</b>	<b>Oachiş Alexandru, Vornicu Laura, Zoican Cătălin, Paşcalău Raul, Şmuleac Laura</b>	PRESERVING BIODIVERSITY IN FISHFARMING ARRANGEMENTS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>56.</b>	<b>Oprişiu Maria Georgiana, Buzdugeanu Flori-Alina, Iabloncik Anamaria Roberta, Ştef Ramona, Cărăbeţ Alin</b>	THE INFLUENCE OF BIOPREPARATIONS ON THE CONTROL OF THE MYZUS PERSICAE (SULZER) SPECIES IN THE POTATO AGROECOSYSTEM - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>57.</b>	<b>Paşcalău Raul, Şmuleac Laura, Milancovic Speranţa, Stiegelbauer Laura, Pădurean Alina</b>	IMPORTANCE AND IMPACT OF MODERN LANGUAGES AND EDUCATION IN AGRICULTURE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>58.</b>	<b>Paşcalău Raul, Şmuleac Laura, Stanciu Sorin, Mergheş Petru, Bărbuleţ Gabriel</b>	NON FORMAL EDUCATION AND TEACHING METHODS FOR LIFE SCIENCES STUDENTS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>59.</b>	<b>Patruno Luca, Rechitean Dorin, Imbrea Florin, Sellito</b>	EVALUATION OF PRODUCTIVITY, DRY MATTER AND MOISTURE IN



<b>Vincenzo Michele, Horablaga Marinel</b>	HARVESTED CORN CROPS TREATED WITH AZOTOBACTER CHROCOCCUM, AZOTOBACTER VINELANDII AND BACILLUS MEGATERIUM - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>60. Pelici Corina, Berbecea Adina, Floareș Doris, Radulov Isidora</b>	BIOACTIVE COMPONENTS OF THE POTATO - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>61. Phelyster Nafula Kisambu, Dancea Lucretiu, Ndiao Elly</b>	HOW DIGITIZATION HAS REVOLUTIONIZED TEA FARMING IN KENYA: A CASE OF KERICHO COUNTY - <i>Africa International University, Kenya</i>
<b>62. Phelyster Nafula Kisambu, Hadija Idrisa Mtunguja, Dancea Lucretiu, Ndiao Elly</b>	AGRIPRENEURSHIP OPPORTUNITIES FOR THE YOUTH IN KENYA: A CASE OF KIAMBU COUNTY - <i>Africa International University, Kenya</i>
<b>63. Pojar Dominic, Aioanei Denisa, Ienciu Anișoara, Manea Dan Nicolae</b>	THE WATER REQUIREMENT OF THE SUNFLOWER CROP IN ARAD COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>64. Porubski Anca Maria, Crișan Alexandru Amir, Niță Simona, Niță Lucian Dumitru</b>	COMPARATIVE STUDY OF THE AGRONOMIC CHARACTERISTICS OF SIX MAIZE HYBRIDS IN THE ARAD PLAIN, IN ORDER TO BE INTRODUCED IN THE CULTURE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>

<b>65. Rada Vlad, Horablaga Adina</b>	HISTORICAL CONTEXTUALIZATION OF THE CURRENT EU AGRO-FOOD POLICIES. PRELIMINARY ASSESSMENT OF THE PRESENT STATE OF ROMANIAN AGRICULTURE AND WHY ITS BACKWARDNESS MIGHT BE A BLESSING IN DISGUISE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>66. Rancu Andrada, Dicu Daniel Dorin, Bertici Radu</b>	QUALITATIVE ASSESSMENT OF SOILS FROM BOZOVICI AREA, CARAS SEVERIN COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>67. Rovinar Alexandra Maria, Dicu Daniel Dorin, Popescu Cosmin Alin</b>	PEDOLOGICAL CHARACTERIZATION OF PASTURES FROM ILIA AREA, HUNEDOARA COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>68. Sahil Sharma, Balara Lishika, Aditya Shahi, Shubham, Shilpa Kaushal</b>	HYDROPONICS: THE POTENTIAL TO ENHANCE SUSTAINABLE FOOD PRODUCTION IN NON-ARABLE AREAS - <i>Chandigarh University, India</i>
<b>69. Sfirculus Denisa-Daliana, Grozea Ioana</b>	REVIEW OF SPECIES FROM CATEGORY OF PHYLLOPHAGOUS INSECT RELEVANT FOR DECIDUOUS FORESTS OF ROMANIA - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>

70. <b>Simon Mihai, Neo Ovidiu, Şmuleac Laura, Şmuleac Adrian</b>	THE USE OF LIDAR TECHNOLOGY - MOBILE MAPPING IN URBAN ROAD INFRASTRUCTURE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
71. <b>Simon Mihai, State Alexandra, Paşcalău Raul, Şmuleac Adrian</b>	HIGH-RESOLUTION TECHNOLOGIES AND IMAGES FOR TOPO-CADASTRAL ACTIVITIES - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
72. <b>Sporea Ionela, Butta Liana, Imbrea Ilinca</b>	EFFECT OF SOME ESSENTIAL OILS TREATMENTS ON THE GERMINATION PROCESS OF MAIZE (ZEA MAYS L.) SEEDS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
73. <b>Strilić Antonija, Iva Kesedžić, Denis Ćosić, Ivan Kovaček, Monika Marković</b>	THE IMPORTANCE OF WATER REGIME IN IRRIGATION SCHEDULING - <i>Josip Juraj Strossmayer University of Osijek, Croatia</i>
74. <b>Timiş Cătălin, Leah Darius, Paşcalău Raul, Şmuleac Laura</b>	THE IMPORTANCE OF ENVIRONMENTAL MEASURES IN RECYCLING IN COMPANIES - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
75. <b>Timiş Cătălin, Leah Darius, Zoican Ştefana, Laţo Iaroslav, Paşcalău Raul</b>	SUSTAINABLE THORN-FREE PLANTATIONS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
76. <b>Toporan Ramona Loredana, Samfira Ionel, Horablaga Nicolae Marinel</b>	BREENDING PROGRESS REVIEW ON THE TRIFOLIUM REPENS - <i>University of Life Science „King Mihai I” from</i>

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<b>77.</b>	<b>Toporan Ramona Loredana, Samfira Ionel, Horablaga Nicolae Marinel</b>	BREENDING            PROGRESS REVIEW ON THE TRIFOLIUM REPENS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>78.</b>	<b>Turlea Iolanda Alexandra, Dancea Emil Marius, Dragomir Lucian Octavian, Popescu George</b>	PHOTOGRAMMETRIC METHODS USED TO CREATE ORTHOPHOTO PLANS IN THE CONTEXT OF TERRITORY ORGANIZATION - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>79.</b>	<b>Ungureanu Alexandra Gabriela, Vicar Nicoleta, Crista Laura, Lato Alina, Radulov Isidora</b>	USE OF BY PRODUCTS FROM FOOD            INDUSTRY            AS FERTILIZERS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>80.</b>	<b>Ursu Romeo Petru, Țărău Dorin</b>	INTEGRATED            WASTE MANAGEMENT ISSUES IN TIMIS COUNTY THROUGH THE            NON-HAZARDOUS WASTE LANDFILL ON THE ADMINISTRATIVE TERRITORY OF GHIZELA COMMUNE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>81.</b>	<b>Ursu Romeo Petru, Țărău Dorin</b>	METHODS OF PROCESSING RESIDUAL            AND BIODEGRADABLE WASTE IN TIMIS COUNTY THROUGH THE GHIZELA LANDFILL AND BIOCOMPOSTERS IN THE TERRITORY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>82.</b>	<b>Văcărescu Grațian, Mladin Florian, Duma Copcea Anișoara,</b>	THE            DESIGN            OF MECHANIZATION TECHNOLOGY FOR ALFALFA

	<b>Mihuț Casiana</b>	CULTURE IN THE GOTHATEA HUNEDOARA AREA - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
83.	<b>Văcărescu Grațian, Mladin Florian, Duma Copcea Anișoara, Mihuț Casiana, Popa Daniel</b>	STUDIES ON THE TECHNOLOGY FOR THE EXECUTION OF A PLASTIC INJECTION MOLD - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
84.	<b>Vasile Petru, Ivu Larisa-Nicoleta, Bârliba Costel, Bârliba Livia</b>	DIGITIZATION OF ANALOG TOPGRAPHIC AND CADASTRAL MAPS FOR THE CREATION OF THEMATIC PLANS FOR THE COMMUNE OF EFTIMIE MURGU, CARAȘ-SEVERIN COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
85.	<b>Vasiloni Angel, Guyvenchy Francois, Leah Darius, Pașcalău Raul, Șmuleac Adrian</b>	PRECISION MEASUREMENT EQUIPMENT IN MODERN AGRICULTURE - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
86.	<b>Vasiloni Angel, Guyvenchy Francois, Pașcalău Raul, Șmuleac Adrian</b>	USE OF UAV TECHNOLOGY FOR ENVIRONMENTAL CONSERVATION - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
87.	<b>Veres Jozsef-Zsolt, Bulz Paula, Sporea Silvana, Purice Diana, Virteiu Ana Maria, Grozea Ioana</b>	STUDIES ON THE RANGE HARMFUL TO RAPESEED CROP IN SEVERAL LOCALITIES IN BIHOR COUNTY - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
88.	<b>Veto Ionuț, Pelici Corina, Horablaga Adina, Herbei Mihai</b>	THE USE OF REMOTE SENSING IMAGES IN THE ANALYSIS OF LAND

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<b>89.</b>	<b>Vornicu Laura, Rus Tosti Harald, Pistol Adrian, Stef Ramona, Cărăbeț Alin</b>	THE CONTROL OF LAMIUM PURPUREUM AND RANUNCULUS REPENS SPECIES IN THE PEAR ORCHARD - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>90.</b>	<b>Vornicu Laura, Zoican Ștefana, Jigău Roxana, Pașcalău Raul, Mergheș Petru</b>	PARTRICULARITIES OF COFFEE PLANTATIONS' IMPORTANCE FOR THE ENVIRONMENT - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>91.</b>	<b>Zoican Ștefana, Zoican Cătălin, Jigău Roxana, Pașcalău Raul, Șmuleac Laura</b>	SUSTAINABLE MANUFACTURING OF CHERRY PRODUCTS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>
<b>92.</b>	<b>Zoican Ștefana, Zoican Cătălin, Vornicu Laura, Pașcalău Raul, Șmuleac Laura</b>	SUSTAINABILITY OF CHERRY ECO-SYSTEMS - <i>University of Life Science „King Mihai I” from Timisoara, Romania</i>