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**AGRICULTURE ACADEMY**

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Rural Development**

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*Research and Innovation for Bioeconomy*

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Research and Innovation for Bioeconomy

Edited by prof. Asta Raupelienė

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## FOREWORD

We are pleased to present the Proceedings of the 9th International Scientific Conference “Rural Development 2019: Research and Innovation for Bioeconomy”. The Conference took place in Academia, Kaunas district, Lithuania at the Vytautas Magnus University, 26–28 September, 2019.

The 9<sup>th</sup> International Scientific Conference “Rural Development 2019” was the most effective bi-annual platform for the interdisciplinary scientific discussions and the presentations of new ideas for Sustainable Rural Development in the context of research and innovation for Bioeconomy. The Conference brings together scientists, practitioners, policy makers and actors from private sector around the world to share their experience helping countries to provide their citizens with a more competitive economy, more and better jobs and a better quality of life.

The topic of the Conference has allowed for the exploration of different aspects of four main areas:

- Agro-innovations and Food Technologies
- Biosystems Engineering and Environment Integrity
- Multifunctional Approach for Sustainable Use of Bio-Resources
- Social Innovations for Rural Development

The topic “Research and Innovation for Bioeconomy” chosen for the 9<sup>th</sup> International Scientific Conference sparked strong interest among the professional and scientific community and elicited great response to the call for papers. The Proceedings include 86 peer-reviewed papers and contributions from 283 authors. In total we received 106 submissions for the Conference. A selection of papers are available in this volume. The majority of the contributed papers are included as are selected papers from the discussions sessions and have been peer reviewed by two experts.

We want to thank Vytautas Magnus University, Lithuanian Ministry of Agriculture, and Research Council of Lithuania for the generous financial support that made the Conference possible.

2019, December 28

Editors: prof. dr. Asta Raupelienė  
dr. Judita Černiauskienė

## CONTENT

### Agro-innovations and Food Technologies

THE EFFECT OF FOLIAR APPLICATION OF AMINO ACIDS ON THEIR CONTENT AND COMPOSITION IN WINTER WHEAT GRAIN	1-7
Rūta Dromantienė, Irena Pranckietienė, Gvidas Šidlauskas, Vita Smalstienė	
A FUSARIOTOXINS IN FEED OF DAIRY COWS AND CARRY-OVER TO MILK AND IMPACT ON RAW MILK QUALITATIVE INDICATORS	8-12
Rimvydas Falkauskas, Violeta Baliukonienė, Bronius Bakutis, Jurgita Jovaišienė	
SUSTAINABLE, CIRCULAR AND INNOVATIVE VALUE CHAINS USING GROWING SUBSTRATA ALTERNATIVE TO PEAT FOR THE CULTIVATION OF NUTRACEUTICAL SPECIES	13-20
Carlo Greco, Antonio Comparetti, Michele Massimo Mammano, Santo Orlando	
HYDROPONIC DEVICES FOR GREEN FODDER PRODUCTION: A REVIEW	21-27
Andrius Grigas, Aurelija Kemžuraitė, Dainius Steponavičius	
HERBS AS A SOURCE OF NATURAL PRESERVATIVES AGAINST RANCIDITY IN THE LOW-MOISTURE BAKERY PRODUCTS	28-33
Kateryna Iorgachova, Olga Makarova, Nataliia Sokolova, Kateryna Khvostenko	
APPLICATION OF OZONE IN GRAIN DRYING: AUTONOMOUS SENSOR SYSTEM CONSTRUCTION AND PECULARITIES	34-39
Janis Kleperis, Alberts Kristins, Juris Veinbergs, Irina Gvardina, Dainis Viesturs, Adolfs Rucins, Evita Straumīte, Biruta Sloka, Juris Brūveris	
CHARACTERIZATION OF MICROALGAE-BASED FEED SUPPLEMENT AND THEIR POSSIBLE INFLUENCE ON CATTLE RUMEN MICROBIAL ECOSYSTEM	40-45
Svetlana Malyugina, Milena Černohous, Oldřich Látal	
APPLICATION OF SALVIA OFFICINALIS AND PICEA ABIES ESSENTIAL OILS FOR CONTROLLING COLLETOTRICHUM SPP.	46-50
Armina Morkeliūnė, Neringa Rasiukevičiūtė, Daiva Burokienė, Alma Valiuškaitė	
QUALITY EVALUATION OF HARDY KIWIFRUIT (ACTINIDIA KOLOMIKTA) USING NON-DESTRUCTIVE AND HOLISTIC RESEARCH METHODS	51-56
Aurelija Paulauskienė, Živilė Tarasevičienė, Daiva Šileikienė	
MASTERING AGTECH AGAIN: EMERGING OF NEW TRAINING OFFERS AND INTERMEDIATE PLAYERS	57-61
Davide Rizzo, Simon Ritz, Anne Combaud	
QUALITY OF SWEET POTATO AS A RAW MATERIAL FOR FOOD PROCESSING	62-68
Barbara Sawicka, Barbara Krochmal-Marczak, Dominika Skiba, Piotr Pszczółkowski	
FUNGI AND MYCOTOXINS IN FRESH BEE POLLEN	69-72
Jolanta Sinkevičienė, Aušra Marcinkevičienė, Violeta Baliukonienė, Jurgita Jovaišienė	
ECONOMICAL EVALUATION OF REDUCED INTENSITY TILLAGE SYSTEMS, STRAW AND GREEN MANURE COMBINATIONS	73-78
Vaida Steponavičienė, Vaclovas Bogužas, Asta Bendoraitytė, Aušra Sinkevičienė, Lina Skinulienė	
THE EFFECT OF SPICE EXTRACTS ON STRAWBERRY PATHOGEN BOTRYTIS CINEREA	79-83
Lina Šernaitė, Alma Valiuškaitė, Neringa Raisukevičiūtė, Edita Dambrauskienė, Pranas Viškelis	
THE INFLUENCE OF DIFFERENT SPECIES OF YEAST ON MYCOTOXINS CONCENTRATIONS IN WHEAT	84-88
Gintarė Vaičiulienė, Algimantas Paškevičius, Laura Knizikevičiūtė, Gediminas Gerulis	
CREATED OF AN INTEGRATED QUALITY SYSTEM FOR THE PRODUCTION OF CANNED MEAT FOR CHILD NUTRITION	89-92
Elena Voloshina, Nina Dunchenko, Arina Odintcova, Svetlana Kuptsova, Olga Fedotova	
FOOD QUALITY MANAGEMENT BASED ON QUALIMETRIC METHODS	93-97
Valentina Yankovskaya, Nina Dunchenko, Dinara Artykova, Marina Ginzburg, Kermen Mikhaylova, Elena Voloshina	

### Biosystems Engineering and Environment Integrity

TECHNOLOGICAL DESCRIPTION FOR AUTOMATING THE CULTIVATION OF BLUEBERRIES IN BLUEBERRY PLANTATIONS ESTABLISHED ON DEPLETED PEAT MILLING FIELDS	98-103
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Margus Arak, Jüri Olt	
THE PROBLEMS OF MICROCLIMATE IN LITHUANIAN COWSHEDS	104-111
Indrė Bagdonienė, Rolandas Bleizgys	
HAVE TRACTOR MANUFACTURERS BORE IN MIND SOIL COMPACTION OVER THE LAST 40 YEARS?	112-118
Antonio Comparetti, Pierluigi Febo, Carlo Greco, Santo Orlando	
METHODOLOGY OF TOXICOLOGICAL EFFECTS ASSESSMENT IN AQUATIC ECOSYSTEMS BY BIODIVERSITY INDICATORS USE	119-125
Tetiana Fedoniuk, Oleh Skydan, Roman Fedoniuk	
LCA APPLIED TO AN ANAEROBIC DIGESTION PLANT FOR BIOMETHANE AND DIGESTATE PRODUCTION	126-132
Carlo Greco, Antonio Comparetti, Pierluigi Febo, Kęstutis Navickas, Santo Orlando, Kęstutis Venslauskas	
FACTORS AFFECTING URBANIZATION IN THE RURAL AREAS	133-138
Virginija Gurskiene, Justė Urbaitienė, Vida Malienė, Velta Parsova	
THE CHANGE OF NATURAL LANDSCAPE IN PALANGA CITY (LITHUANIA)	139-144
Giedrė Ivavičiūtė	
TECHNOLOGICAL, TECHNICAL AND QUALITY ASSESSMENT OF MAIZE SILAGE MAKING AND UNLOADING FROM TRENCH	145-148
Algirdas Jasinskas, Gytis Pašvenskas, Mečys Pašauskas, Jiří Souček	
METHOD FOR SHALLOW DRAINAGE DITCH NETWORK GENERATION USING REMOTE SENSING DATA	149-154
Raitis Melniks, Janis Ivanovs, Andis Lazdins	
THE RESEARCH WAYS TO INCREASE THE ENERGY EFFICIENCY OF GROUND HEAT EXCHANGERS BY MEANS OF MATHEMATICAL SIMULATION	155-161
Olena Mikhailutsa, Oleksiy Koviazin, Andriy Pozhuyev, Nataliia Poliakova, Tatiana Melikhova	
DEVELOPMENT OF FUZZY BLOCKS INTENDED FOR AGENTS CONSTITUTING INTELLIGENT SYSTEM OF MOBILE ROBOT MOVEMENT PLANNING	162-172
Andrius Nemeikšis, Vitalijs Osadčuks	
METHOD OF DESIGNING FUZZY SYSTEM FOR PLANNING ROBOT MANIPULATOR REAL-TIME MOVEMENT IN A STATIC ENVIRONMENT	173-181
Method of designing fuzzy system for planning robot manipulator real-time movement in a static environment	
Daiva Nemeikšytė, Vitalijs Osadčuks	
BIOMASS BOTTOM ASH RECYCLING AS PAVEMENT BASE	182-187
Adomas Neteckis, Valdas Paulauskas, Alfreda Kasiulienė, Gerda Junevičiūtė	
EXPLORATION OF THE POSSIBILITIES FOR THE PRODUCTION OF TABLEWARE FROM THE BRAN OF VARIOUS CEREALS	188-193
Jüri Olt, Kaarel Soots, Andres Olt, Vahur Rooni	
ANALYSIS OF THE TEMPERATURE DISTRIBUTION OF THE COWS BEARING AREA	194-197
Dainius Ramukevičius, Raimondas Šadzevičius, Rytis Skominas, Vincas Gurskis	
EFFECT OF <i>AGGREGATES IMPURITY</i> ON CONCRETE PROPERTIES	198-202
Rytis Skominas, Vincas Gurskis, Raimondas Šadzevičius, Dainius Ramukevičius	
MAIN DEFECTS AND DETERIORATIONS OF REINFORCED CONCRETE STRUCTURES IN THE ABANDONED HYDRAULIC STRUCTURES OF LITHUANIA	203-208
Raimondas Šadzevičius, Rytis Skominas, Tatjana Sankauskienė, Dainius Ramukevičius	
MANAGEMENT OF SEPARATED MUNICIPAL WASTE FLOW IN KAUNAS CITY	209-213
Daiva Šileikienė, Laima Česonienė, Edita Mažuolytė-Miškinė	
DETERMINATION OF THE RATIONAL PROFILE FOR THE DISK WORKING TOOL WHEN CULTIVATING OF SOD PODZOLIC SOILS	214-218
Pavlo Zabrodskyi , Savelii Kukharets , Andrii Zabrodskyi, Jonas Čėsna	
<b>Multifunctional Approach for Sustainable Use of Bio-Resources</b>	
THE OPINION OF FOREST OWNERS ON EUROPEAN UNION SUBSIDIES INTENDED FOR FOREST MANAGEMENT IN LATVIA	219-224
Raimonds Bermanis, Inga Straupe, Andra Zvirbule	

IMPACT OF MARIJAMPOLĒ WASTEWATER TREATMENT PLANT ON WATER QUALITY OF THE ŠEŠUPĒ RIVER Midona Dapkiene, Laima Česonienė, Tauras Vasiliauskas	225-230
EFFECT OF SOIL PREPARATION METHOD ON SOIL TEMPERATURE Kārlis Dūmiņš, Toms Artūrs Štāls, Dagnija Lazdiņa	231-236
EFFECTS OF DIFFERENT CLIMATIC CONDITIONS ON BIRCH AND POPLAR SEEDLINGS Valda Gudynaitė-Franckevičienė, Valda Araminienė, Iveta Varnagirytė-Kabašinskienė	237-243
FINDING THE BEST LOCATIONS FOR FURROWS IN SOIL BERMS OF DRAINAGE DITCHES USING LIDAR DATA Janis Ivanovs, Raitis Melniks	244-247
PRE-SOWING SEED TREATMENT WITH PHYSICAL STRESSORS INDUCES CHANGES IN AMOUNT OF SECONDARY METABOLITES IN NEEDLES OF PICEA ABIES SEEDLINGS Mantas Kačiūšis, Vaida Sirgedaitė-Šėžienė, Povilas Žemaitis, Vida Mildažienė, Giedrė Paužaitė, Kazunori Koga, Masaharu Shiratani, Vitalij Novickij, Virgilijus Baliuckas	248-252
COMPARISON OF COSTS IN PRE-COMMERCIAL THINNING USING MEDIUM-SIZED AND SMALL-SIZED HARVESTERS Santa Kalēja, Agris Zimelis	253-259
EVALUATION OF IMPACT OF FERTILIZATION ON SOIL SOLUTION CHEMISTRY IN DOMINATED FOREST SITE TYPES IN LATVIA Ilze Karklina, Arta Bardule	260-265
CHEMICAL IMMOBILISATION OF TRACE ELEMENTS USING INDUSTRIAL BY-PRODUCTS Alfreda Kasiulienė, Valdas Paulauskas, Ernestas Zaleckas	266-272
INFLUENCE OF INITIAL DENSITY ON INVENTORY PARAMETERS OF UNTHINNED NORWAY SPRUCE STANDS Juris Katrevics, Rolands Kapostins, Karlis Bickovskis, Aris Jansons	273-277
INFLUENCE OF THE OZONATED WATER APPLICATION ON THE OCCURRENCE OF SOME PESTS AND DISEASES IN SPRING WHEAT CROP Sonata Kazlauskaite, Vidmantas Spruogis, Anželika Dautartė, Povilas Mulerčikas, Aurimas Krasauskas, Kimete Lluga Rizani, Elena Survilienė	278-283
CARBON POOLS IN OLD-GROWTH SCOTS PINE STANDS ON ORGANIC SOILS AND ITS CONCENTRATION IN DEADWOOD: CASES STUDY IN LATVIA Laura Ķēniņa, Santa Mača, Ieva Jaunslaviete, Aris Jansons	284-288
VERIFICATION OF APPLICABILITY OF FOREST GROWTH MODEL AGM IN ELABORATION OF FORESTRY PROJECTIONS FOR NATIONAL FOREST REFERENCE LEVEL Andis Lazdiņš, Guntars Šņepsts, Guna Petaja, Ilze Kārklīņa	289-294
RECALCULATION OF FOREST INCREMENT, MORTALITY AND HARVEST RATE IN LATVIA ACCORDING TO UPDATED LAND USE DATA Linards Ludis Krumsteds, Andis Lazdins, Aldis Butlers, Janis Ivanovs	295-299
COLLECTION OF THE PLANT SYMPHYOTRICHUM NEES GENUS IN VYTAUTAS MAGNUS UNIVERSITY BOTANICAL GARDEN Indrė Lukšytė, Sonata Kazlauskaite, Arūnas Balsevičius, Ričardas Narijauskas	300-304
CUT-AWAY PEATLAND RE-CULTIVATION WITH FAST GROWING WOODY PLANTATIONS: COST-BENEFIT ANALYSIS Kristaps Makovskis, Dagnija Lazdina, Dina Popluga	305-312
HEAVY METAL ACCUMULATION IN DIFFERENT PARTS OF TREES GROWN ON SEWAGE SLUDGE Valdas Paulauskas, Alfreda Kasiulienė	313-316
BIODEGRADABLE CHELANTS FOR HEAVY METAL REMOVAL FROM SLUDGE AND SOIL-SLUDGE MIXTURES Valdas Paulauskas, Ernestas Zaleckas, Oleksandr Karnaukh	317-322
SHORT-TERM IMPACT OF AMMONIUM NITRATE AND WOOD ASH APPLICATION ON GROUND VEGETATION DIVERSITY AND SPECIES COMPOSITION IN DRAINED FORESTS Guna Petaja, Zaiga Zvaigzne	323-328
EVALUATION OF DOWNY MILDEW ( <i>HYALOPERONOSPORA BRASSICAE</i> ) INFECTION SEVERITY ON DIFFERENT CRUCIFEROUS OILSEED CROPS Eve Runno-Paurson, Peeter Lääniste, Viacheslav Eremeev, Eve Kaurilind, Hanna Hōrak, Ülo Niinemets, Luule Metspalu	329-335
JERUSALEM ARTICHOKE ( <i>HELIANTHUS TUBEROSUS</i> L.) AS ENERGY RAW MATERIAL	336-342

Barbara Sawicka, Dominika Skiba, Dominika Skiba, Anna Kiełtyka-Dadasiewicz, Honorata Danilčenko	
ASSESSMENT OF THE AGRARIAN LANDSCAPE STRUCTURE IN THE DEVELOPMENT AREA OF THE MAJOR CITIES OF LITHUANIA	343-353
Jolanta Valčiukienė, Daiva Juknelienė, Virginija Atkocevičienė	
SEASONALITY OF LITHUANIAN NATURE TOURISM: VISITOR'S PREFERENCES	354-358
Iveta Varnagirytė-Kabašinskienė, Ieva Mačiulytė	
SUITABILITY OF POTATO VARIETIES AND BREEDING MATERIAL FOR GROWING UNDER STRESSFUL CONDITIONS IN NORTH KURZEME REGION OF LATVIA	359-363
Lidija Vojevoda, Ilze Skrabule	
THE USE OF ZEOLITE FOR WATER QUALITY MANAGEMENT IN COLD WATER RECIRCULATION AQUACULTURE SYSTEMS	364-370
Gražina Žibienė, Alvydas Žibas	

## **Social Innovations for Rural Development**

CONTRIBUTION OF THE COOPERATION BETWEEN AGRICULTURE AND TOURISM FOR RURAL DEVELOPMENT	371-375
Tayfun Çukur, Nuray Kızılaslan, Figen Çukur	
EDUCATION AS BASIS OF SUSTAINABLE DEVELOPMENT	376-380
Andrea Feher, Tabita Adamov, Manuela Dora Orboi, Miroslav Raicov, Adrian Băneș	
SIMULATION OF MANAGEMENT ENHANCEMENT SCENARIOS FOR THE JSC LATVIAN STATE FORESTS	381-387
Rolands Feldmanis, Irina Pilvere	
LIVING LABS – INNOVATE BUSINESS MODELS FOR RURAL REGIONS	388-392
Heidelinde Grüneis, Sigrid Egartner, Julia Niedermayr, Karin Heinschink, Klaus Wagner	
POP-UP RURAL SOCIALLY-INNOVATIVE HUBS – CASE STUDY FROM CROATIA	393-397
Sandra Kantar, Kristina Svržnjak	
THEMING DISCOURSE IN VILLAGE DEVELOPMENT	398-404
Ingrida Kazlauskienė, Vilma Atkočiūnienė	
ATTITUDES TOWARDS THE SCOPE OF GOVERNMENT: DO WE HAVE A GENERATION GAP?	405-410
Algis Krupavičius, Ligita Šarkutė	
HOW CAN A RURAL AREA DRIVE THE NETWORKING OF EXISTING BUSINESSES WITH IT SUPPORT?	411-418
Elvira Kuhn, Herbert Küstner	
GENDER CHALLENGES FOR RURAL DEVELOPMENT POLICY	419-423
Nataliia Kutsmus, Oleksandr Kovalchuk	
THE CHANGING SOCIAL STRUCTURE AND FUNCTION OF THE TOCHIKAIRYOKU IN JAPAN: A CASE STUDY OF THE IWATE CHUBU TOCHIKAIRYOKU	424-429
Wenjing Liu-Wuerz	
INFLUENCE OF SUSTAINABLE INVOLVEMENT ON INTENT AND SOCIALLY RESPONSIBLE BEHAVIOR OF TOURISTS: CASE OF HOTELS IN THE RURAL DISTRICT OF ASNI	430-439
Youssef Makloul, Jaouad Chaabt, Rasa Pranskūnienė	
THE ENVIRONMENT FOR ENTREPRENEURIAL ATTITUDES IN POPULATIONS OF RURAL AREAS IN POLAND FORMERLY OCCUPIED BY STATE-OWNED FARMS	440-444
Renata Marks-Bielska, Damian Opalach	
INNOVATIVE AND CROSS-SECTORAL CLUSTERS AS FACILITATORS OF VALUE ADDED CHAINS IN AGRICULTURE - SMART AGRO CLUSTERS IN ROMANIA	445-450
Cornelia Muraru Ionel, Sebastian Lucian Muraru, Oana-Diana Cristea, Paula Condruz	
COMMUNITY INVOLVEMENT IN LOCAL DEVELOPMENT: THEORETICAL ANALYSIS OF COMMUNITY DEVELOPMENT APPROACHES	451-457
Liga Paula	
DECISION-MAKING PROCESS AND SOCIO-ECONOMIC DYNAMICS OF AGRICULTURAL ACTORS THE CASE OF A METHANISATION UNIT IN THE NORTH OF FRANCE	458-462
Miravo Rakotovoao, Lucile Godard, Loïc Sauvée	
IDENTIFICATION OF PROBLEMS OF FINANCIAL AUTONOMY IN LITHUANIAN RURAL MUNICIPALITIES	463-471
Laima Skauronė, Deimena Montvydaitė	

IMPACT OF ICT USE ON TIME STRUCTURE OF ADVISORS WORK AT THE LITHUANIAN AGRICULTURAL ADVISORY SERVICE Linās Stabingis	472-477
ASSESSMENT OF RURAL SOCIAL INFRASTRUCTURE SERVICES IN LITHUANIA AND POLAND IN THE CONTEXT OF GREEN ECONOMY Maciej Stawicki, Gintarė Vaznonienė	478-485
THE ROLE OF INNOVATION IN SUSTAINABLE REGIONAL DEVELOPMENT: CASE OF LATVIA Dace Štefenberga	486-491
AGRICULTURE AND RURAL DEVELOPMENT POLICIES AND INSTITUTIONAL FRAMEWORKS; PROPOSED MAPPING FOR WINE TOURISM IN GEORGIA Matsatso Tepnadze	492-496
MAKING REGIONAL FOOD SYSTEMS MORE SUSTAINABLE Talis Tisenkopfs, Sandra Šūmane, Anda Adamsonė-Fiskovica, Emils Kilis, Vilma Atkočiūniėnė	497-501
INTERNATIONAL TRADE IMPACT ON GLOBAL WARMTH IN TEXTILE AND CLOTHING INDUSTRY Ignas Valodka, Vytautas Snieska	502-507
WELLBEING IN RURAL AREAS OF LITHUANIA: FINDINGS FROM THE EUROPEAN SOCIAL SURVEY Gintarė Vaznonienė, Gabija Jarašiūnaitė-Fedosejeva	508-514
NEW VIEW TO THE LIVING CONDITIONS IN RURAL AREAS Agnieszka Wojewódzka-Wiewiórska, Vilma Atkočiūniėnė	515-520
BLOCKCHAIN AS A TECHNOLOGY ADMINISTRATION OF FAMILY HOMESTEAD SETTLEMENTS Valentyna Yakobchuk, Mariia Plotnikova	521-527