

The 12th International Scientific Conference
RURAL DEVELOPMENT 2025:
Resilience to Global Challenges
1-3 October, 2025

PROGRAMME

Vytautas Magnus University
Akademija, Kaunas district, Lithuania
<http://www.ruraldevelopment.lt>

2025

Dear Participants of the Conference,

We are pleased to invite you to participate in the 12th International Scientific Conference “Rural Development 2025: Resilience to Global Change”. It has already become a biannual tradition to meet colleagues and partners from all over the world here. In addition, we are pleased that this event has become a common area for international scientific collaboration. We are united by a common purpose and a shared vision: to explore, discuss, and strategize on how bioeconomy businesses and rural communities can adapt, thrive, and lead in an era characterized by rapid and often unpredictable changes.

The challenges facing agriculture and other bioeconomy businesses globally are multifaceted. Climate change, economic shifts, technological advancements, and social transformations are reshaping bioeconomy business models, rural landscapes, and the livelihoods of rural populations. These changes, while posing significant challenges, also present unprecedented opportunities for innovation, sustainability, and inclusive growth.

Our topic, “Resilience to Global Change”, underscores the need for robust strategies and collaborative efforts to enhance the adaptability and sustainability of rural regions and bioeconomy businesses. Resilience is not merely about survival; it is about embracing change, leveraging strengths, and forging pathways to a prosperous and sustainable future.

In this conference, we will hear from experts across various fields - agriculture, food, forestry, IT, ecology, technology, economics, and management sciences - who will share their insights and experiences. We will engage in discussions and workshops that will challenge our thinking and inspire new approaches. Together, we will explore solutions that can empower bioeconomy businesses and rural communities to overcome adversities and harness the potential of global changes.

I encourage each of you to actively participate, share your perspectives, and collaborate with fellow attendees. It is through our collective effort and shared knowledge that we can build resilient bioeconomy businesses and rural communities capable of facing the challenges of today and tomorrow.

Prof. Dr. Astrida Miceikienė

*Chancellor of the Vytautas Magnus University Agriculture Academy,
Chair of Scientific Committee*

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Vice-chair – dr. Judita ČERNIAUSKIENĖ, Editor-in-Chief of the Proceedings of “Rural Development” International Conference, Associate Professor of Department of Plant Biology and Food Sciences of Faculty of Agronomy, Vytautas Magnus University

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Assoc. prof. dr. Daiva ŠILEIKIENĖ, Vytautas Magnus University, Lithuania
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Dr. Sabine ZIKELI, University of Hohenheim, Germany

Scientific Journal

Rural Development: Proceedings of the International Scientific Conference

The journal is indexed by the international databases, Scientific search systems or engines: Academic Search Ultimate (EBSCO), Lituanistika, Crossref, Google Scholar, BASE, CORE, Dimensions, OpenAlex, ScienceGate, Scilit, etc.

Journal provides DOI (Digital Object Identifier) from 2009 and handle (Persistent identifier) from 2015 to each published article.

All papers have been peer-reviewed by two reviewers and will be published and submitted on the Open Journal System in the Proceedings of the International Scientific Conference “Rural Development 2025” until January 2026.

Website of the OJS: <https://ejournals.vdu.lt/index.php/rd>

Conference website: <http://www.ruraldevelopment.lt>

Organizing committee

Chair of conference – dr. Laima SKAURONĖ, Researcher of Bioeconomy Research Institute, Assistant of Department of Applied Economics, Finance and Accounting of Faculty of Bioeconomy Development, Vytautas Magnus University

Vice-chair of conference – dr. Judita ČERNIAUSKIENĖ, Editor-in-Chief of the Proceedings of “Rural Development” International Conference, Associate Professor of Department of Plant Biology and Food Sciences of Faculty of Agronomy, Vytautas Magnus University

Administrator of conference – dr. Monika MEDIKIENĖ, Junior Researcher of Bioeconomy Research Institute, Vytautas Magnus University

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 PhD student Erika ZABULIONĖ, Vytautas Magnus University, Lithuania
 Assoc. prof. dr. Remigijus ŽALKAUSKAS, Vytautas Magnus University, Lithuania

Short Programme

Event place: Central Building of Vytautas Magnus University (VMU) Agriculture Academy, Studentų str. 11, Akademija, Kaunas distr., Lithuania

	Session Type	Time	Venue
Day 1 01 Oct	Registration of Participants	8.00–9.00	Lobby
	Coffee/Tea Break	8.00–9.00	Lobby near the Hall
	Plenary Session	9.00–10.50	Hall
	Coffee/Tea Break	10.50–11.20	Lobby near the Hall
	Plenary Session	11.20–12.50	Hall
	Lunch	12.50–14.30	5 th floor Lobby
	Political, Business and Science Panel Discussion	14.30–16.30	Hall
	Gala Dinner at Raudondvaris Manor Arts Incubator	18.00–22.00	Raudondvaris
Day 2 02 Oct	Registration of Participants	9.00–9.50	Lobby
	Coffee/Tea Break	9.00–9.50	Lobby near the Hall
	Parallel Conference Sessions	Section 1. Biosystems Engineering for Sustainability	Auditorium No. 520
		Section 2.1. Climate Smart Agriculture and Food Technologies / AgroServ (2.1 subsection)	Auditorium No. 505A
		Section 2.2. Climate Smart Agriculture and Food Technologies (2.2 – 2.7 subsections)	Auditorium No. 524
		Section 3. Multifunctional Approach for Sustainable Use of BioResources	Auditorium No. 503
		Section 4.1. Social Research and Innovations for Strengthening Rural Areas (4.1; 4.2; 4.6 subsections)	Auditorium No. 512
		Section 4.2. Social Research and Innovations for Strengthening Rural Areas (4.3; 4.7; 4.8 subsections)	Auditorium No. 506
		Section 4.3. Social Research and Innovations for Strengthening Rural Areas (4.4; 4.5 subsections)	Auditorium No. 515
	Lunch	12.00–13.00	5 th floor Lobby
	Coffee/Tea Break	15.00–15.30	Lobby near the Hall
	Summary of the Sessions	16.30–17.00	Lobby near the Hall
	Kaunas City Tour	17.00–20.00	Visit to Kaunas
Day 3 03 Oct	Coffee/Tea Break	9.30–10.00	Lobby near the Hall
	Cultural Tour	10.00–15.00	Visit to Birštonas

Wednesday, 1st October 2025

Event place: Central Building of Vytautas Magnus University (VMU) Agriculture Academy, Studentų str. 11, Akademija, Kaunas distr., Lithuania

8.00–9.00	Registration of Participants <i>(Lobby of the Central Building of VMU Agriculture Academy, Studentų str. 11, Akademija)</i> Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
9.00–12.50	<u>Plenary Session</u> <i>(Hall of the Central Building of VMU Agriculture Academy)</i>
9.00–9.20	Welcome Speech Prof. dr. Astrida Miceikienė, Chair of the Scientific Committee, Chancellor of the Vytautas Magnus University Agriculture Academy Guests
9.20–9.50	Keynote Speaker 1 Dr. Michel BOËR Transdisciplinary Services for the Research Community in Agroecology: the AgroServ project <i>AnaEE-ERIC (France)</i>
9.50–10.20	Keynote Speaker 2 Prof. Dr. Erik Dahl KJAER Trust in Diversity and Learn from Nature: Strategies for Development of Forest and Trees with High Resistance and Adaptive Potential toward Climate Change <i>University of Copenhagen (Denmark)</i>
10.20–10.50	Keynote Speaker 3 Dr. Mona-Anitta RIIHIMÄKI AKIS in Finland and the Role of Universities of Applied Sciences in Regional Competence Creation in Bioeconomy <i>Häme University of Applied Sciences, School of Biotechnology and Natural Resources (Finland)</i>
10.50–11.20	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>

11.20–11.50	Keynote Speaker 4 Prof. Dr. Dimitris TSITSIGIANNIS Harnessing the Power of Digital, Artificial Intelligence and Biocontrol Technologies to Protect Plants and the Environment <i>Agricultural University of Athens (Greece)</i>
11.50–12.20	Keynote Speaker 5 Prof. Dr. Hossein AZADI Resilient Agriculture through the Lens of Smallholder Farmers: Developing Tip-Tap Early Warning System <i>Ghent University (Belgium)</i>
12.20–12.50	Keynote Speaker 6 Assoc. prof. dr. Viktorija VAŠTAKAITĖ-KAIRIENĖ The Next Harvest: Digital and Biological Innovations for the Future of Farming and Food <i>Vytautas Magnus University (Lithuania)</i>
12.50–14.30	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>
	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
14.30–16.30	Political, Business and Science Panel Discussion <u>The New Bioeconomy Strategy: European Goals and Lithuania's Contribution in Developing Innovative Bio-Based Industry</u> <i>(Hall of the Central Building of VMU Agriculture Academy)</i>
18.00–22.00	Gala Dinner <i>(Raudondvaris Manor Arts Incubator, Pilies str. 1, Raudondvaris, Kaunas distr.)</i>



Political, business and science panel discussion „THE NEW BIOECONOMY STRATEGY: EUROPEAN GOALS AND LITHUANIA'S CONTRIBUTION IN DEVELOPING INNOVATIVE BIO-BASED INDUSTRY”

Date: Wednesday, 1st October, 2025

Venue: Hall of Central Building (2nd floor) of Vytautas Magnus University Agriculture Academy, Studentų str. 11, Akademija, Kaunas distr., Lithuania.

Discussion Focus:

- Key highlights of the upcoming EU Bioeconomy Strategy
- Major trends in the European bio-based industry
- Lithuania's potential to expand the production of innovative, high-value-added bio-based products and develop related services

AGENDA

Lithuanian time	Moderator Virginija KARGYTĖ Vice President of Association “LithuaniaBIO”
14.30–15.00	SETTING THE SCENE Speakers <i>The upcoming EU Bioeconomy Strategy</i> Dr. Michael LOSCH Representative of the European Commission's Directorate-General for Agriculture and Rural Development (DG AGRI) <i>Insights for national strategy from the Lithuanian Bioeconomy HUB stakeholders</i> Dr. Rasa PAKELTIENĖ Lithuanian Bioeconomy HUB Coordinator, Assoc. prof. at the Faculty of Bioeconomy Development, Vytautas Magnus University
15.00–16.30	DISCUSSION Panelists Dalia MINIATAITĖ Senior Adviser of the Ministry of Agriculture of the Republic of Lithuania Rugilė SKVARNAVIČIŪTĖ Product Strategist at the Lithuanian Investment Promotion Agency “Invest Lithuania” Dainius KIŽAUSKAS Director of the Association of Lithuanian Agricultural Cooperatives Justinas TARUŠKA CEO of Biotechnology Company “Nando” Dr. Michel BOËR Director General of AnaEE-ERIC, the European Research Infrastructure Consortium for the Analysis and Experimentation on Ecosystems Dr. Michael LOSCH Representative of the European Commission's Directorate-General for Agriculture and Rural Development (DG AGRI) Dr. Rasa PAKELTIENĖ Lithuanian Bioeconomy HUB Coordinator, Assoc. prof. at the Faculty of Bioeconomy Development, Vytautas Magnus University

Note for viewers and listeners. The panel discussion will be translated from English into Lithuanian using an artificial intelligence tool.

Thursday, 2nd October 2025

Event place: Central Building of VMU Agriculture Academy, Studentų str. 11, Akademija, Kaunas distr., Lithuania

9.00–9.50	Registration of Participants <i>(Lobby of the Central Building of VMU Agriculture Academy, Studentų str. 11, Akademija)</i> Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
10.00–12.00	Parallel Conference Sessions <i>(5th floor of the Central Building of VMU Agriculture Academy)</i> Section 1. Biosystems Engineering for Sustainability Section 2.1. Climate Smart Agriculture and Food Technologies / AgroServ (2.1 subsection) Section 2.2. Climate Smart Agriculture and Food Technologies (2.2 – 2.7 subsections) Section 3. Multifunctional Approach for Sustainable Use of BioResources Section 4.1. Social Research and Innovations for Strengthening Rural Areas (4.1; 4.2; 4.6 subsections) Section 4.2. Social Research and Innovations for Strengthening Rural Areas (4.3; 4.7; 4.8 subsections) Section 4.3. Social Research and Innovations for Strengthening Rural Areas (4.4 – 4.5 subsections)
12.00–13.00	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>
13.00–15.00	Parallel Conference Sessions <i>(5th floor of the Central Building of VMU Agriculture Academy)</i> Section 1. Biosystems Engineering for Sustainability Section 2.1. Climate Smart Agriculture and Food Technologies / AgroServ (2.1 subsection) Section 2.2. Climate Smart Agriculture and Food Technologies (2.2 – 2.7 subsections) Section 3. Multifunctional Approach for Sustainable Use of BioResources Section 4.1. Social Research and Innovations for Strengthening Rural Areas (4.1; 4.2; 4.6 subsections) Section 4.2. Social Research and Innovations for Strengthening Rural Areas (4.3; 4.7; 4.8 subsections) Section 4.3. Social Research and Innovations for Strengthening Rural Areas (4.4 – 4.5 subsections)

15.00–15.30	Coffee/Tea Break (Lobby near the Hall of the Central Building of VMU Agriculture Academy)
15.30–16.30	Parallel Conference Sessions – Poster Presentation (5 th floor of the Central Building of VMU Agriculture Academy) <u>Section 1. Biosystems Engineering for Sustainability</u> <u>Section 2.1. Climate Smart Agriculture and Food Technologies / AgroServ</u> (2.1 subsection) <u>Section 2.2. Climate Smart Agriculture and Food Technologies</u> (2.2 – 2.7 subsections) <u>Section 3. Multifunctional Approach for Sustainable Use of BioResources</u> <u>Section 4.1. Social Research and Innovations for Strengthening Rural Areas</u> (4.1; 4.2; 4.6 subsections) <u>Section 4.2. Social Research and Innovations for Strengthening Rural Areas</u> (4.3; 4.7; 4.8 subsections) <u>Section 4.3. Social Research and Innovations for Strengthening Rural Areas</u> (4.4 – 4.5 subsections)
16.30–17.00	Summary of the Sessions (Lobby near the Hall of the Central Building of VMU Agriculture Academy)
17.00–20.00	Kaunas City Tour (Excursion in Kaunas, visiting Kaunas city historical places)

Friday, 3rd October 2025

9.30–10.00	Coffee/Tea Break (Lobby near the Hall of the Central Building of VMU Agriculture Academy)
10.00–15.00	Cultural Tour Participants are invited to a cultural tour in the resort town of Birštonas

Section 1.

BIOSYSTEMS ENGINEERING FOR SUSTAINABILITY

Thursday, 2nd October 2025

- 1.1 Biomass engineering and renewable energy resources**
- 1.2 Innovative water and land engineering**
- 1.3 Smart agriculture technologies**
- 1.4 Sustainable engineering systems, climate change mitigation**

IN PERSON

Auditorium No. 520 Central building (Studentų str. 11, Akademija)

[Join us online, click here](#)

Chairpersons: prof. dr. Eglė Jotautienė, prof. dr. Davut Karayel

10.00–10.15	Energy assessment of technologies for preparation and use of multi-crop plants for biofuel Rita Petlickaitė, Algirdas Jasinskas <i>Vytautas Magnus University (Lithuania)</i>
10.15–10.30	Biocoatings as a strategy for mitigating ammonia emissions from manure: influence of application practices Ieva Knoknerienė, Rolandas Bleizgys, Vilma Naujokienė <i>Vytautas Magnus University (Lithuania)</i>
10.30–10.45	Peculiarities of the use of sludge generated in recirculation aquaculture systems in Lithuania Gražina Žibienė, Alvydas Žibas, Mantas Brazauskas <i>Vytautas Magnus University (Lithuania)</i>
10.45–11.00	Assessment of reclaimed agricultural land in Lithuania Jolanta Valčiukienė¹, Daiva Juknelienė¹, Giedrius Balevičius¹, Vilimantas Vaičiukynas² ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Lithuanian College of Engineering (Lithuania)</i>

11.00–11.15	UAV-based NDVI assessment of growth-stage–dependent maize canopy responses to long-term crop rotation systems Mindaugas Dorelis, Dainius Savickas, Vaclovas Bogužas <i>Vytautas Magnus University (Lithuania)</i>
11.15–11.30	Assessment of seed metering performance via EDEM-based simulation Eglė Jotautienė¹, Davut Karayel^{1,2} ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Akdeniz University (Turkey)</i>
11.30–11.45	Using piezoelectric impact sensors for seed detection in precision seeders Davut Karayel^{1,2}, Sebastian Rossi³, Gaston Bourges³, Ignacio Rubio Scola³, Egidijus Šarauskis¹, Eglė Jotautienė¹ ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Akdeniz University (Turkey)</i> ³<i>National Institute of Industrial Technology (Argentina)</i>
11.45–12.00	Discussions
12.00–13.00	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>
IN PERSON	
13.00–13.15	The carbon innovation economy: obstacles and opportunities Ghazi Allagui, Sascha Stark, Sandra Venghaus <i>Forschungszentrum Jülich (Germany)</i>
13.15–13.30	Improving resilience to the spread of plant diseases via a regional pest common data space Malgorzata Jedryczka¹, Kadri Põldmaa², Urmas Koljalg², Sonata Kazlauskaitė³, Andres Mae⁴, Marko Kass⁴, Biruta Bankina⁵, Katarzyna Gacek-Bogucka⁶, Marja Jalli⁷, Julia Pawlowska⁸, Tuula Niskanen⁹ ¹<i>Polish Academy of Sciences (Poland)</i> ²<i>University of Tartu (Estonia)</i> ³<i>Vytautas Magnus University (Lithuania)</i> ⁴<i>Centre of Estonian Rural Research and Knowledge (Estonia)</i> ⁵<i>Latvia University of Life Sciences and Technologies (Latvia)</i> ⁶<i>Plant Breeding Smolice Ltd. / IHAR Group (Poland)</i> ⁷<i>Natural Resources Institute (Finland)</i> ⁸<i>University of Warsaw (Poland)</i> ⁹<i>University of Helsinki (Finland)</i>

ONLINE	
13.30–13.45	Soybean cultivation under temperate climate: row spacing effects on yield quality Ewelina Flis-Olszewska <i>University of Life Sciences in Lublin (Poland)</i>
13.45–14.00	Impact of urban expansion on wind energy potential in rural regions of Lithuania Arvydas Kanapickas, Justė Jankevičienė <i>Vytautas Magnus University (Lithuania)</i>
14.00–14.15	Technological innovations in agricultural transport Daiva Šileikienė¹, Aurimas Gužys², Kristina Karosevičienė¹ ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>SMK College of Applied Science (Lithuania)</i>
14.15–15.00	Discussions
15.00–15.30	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
POSTERS	
15.30–16.30	The impact of rural development land management projects on the sustainable development of protected landscape: case study of the Nemunas loops regional park Ingrida Ignatavičienė¹, Virginija Gurskienė¹, Vida Malienė¹, Iryna Koshkalda² ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>State Biotechnological University (Ukraine)</i>
	The impact of water temperature on the water quality of the Baltic Sea Laima Česonienė, Kristina Karosevičienė <i>Vytautas Magnus University (Lithuania)</i>
	Influence of temperature and residence time on the outcomes of textile cotton pyrolysis Kęstutis Žiūra¹, Egidijus Žvicevičius¹, Juozas Padgurskas¹, Tadas Dambrauskas², Karolis Paskačimas¹ ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Kaunas University of Technology (Lithuania)</i>

The impact of drainage systems on the loss of biogenic substances:
 a systematic literature review

Oksana Survilė, Rasa Stankevičienė, Diana Kalibatiene
Vilnius Gediminas Technical University (Lithuania)

Analysis of changes in agricultural land areas in Lithuania

Giedrė Ivavičiūtė
Vytautas Magnus University (Lithuania)
Klaipėda University (Lithuania)
Lithuanian Engineering College (Lithuania)

Influence of electromagnetic pulse-treated water and microbial interaction
 on seed germination

Aiva Stankaitytė, Ernestas Zaleckas
Vytautas Magnus University (Lithuania)

Smart solutions for weed control in organic sugar beet production

Indrė Bručienė, Egidijus Šarauskis
Vytautas Magnus University (Lithuania)

Challenges and solutions in wastewater management in the dairy industry

Rasa Čingienė, Savelii Kukharets
Vytautas Magnus University (Lithuania)

Section 2.
CLIMATE SMART AGRICULTURE AND FOOD TECHNOLOGIES
 in partnership with the European Research Services on
 Agroecology Conference / AgroServ

Thursday, 2nd October 2025

2.1 Agroecological Transition Towards Sustainable and Resilient Agriculture

IN PERSON

Auditorium No. 505A Central building (Studentų str. 11, Akademija)

[Join us online, click here](#)

Chairpersons: assoc. prof. dr. Aida Adamavičienė, Sarah Dramé

10.00–10.15	AgroServ: research for the agroecological transition Heba Ibrahim <i>AgroServ Central Access Manager / Forschungszentrum Jülich (Germany)</i>
10.15–10.30	Data and monitoring for the agroecological transition in the agroecology partnership Iria Soto, Jose Manuel Avila <i>LifeWatch ERIC – ICT Core (Spain)</i>
10.30–10.45	Integration and customization of RI's services within AgroServ Tiziana Tota, Ivana Cavoski <i>CIHEAM Bari / AnaEE-ERIC (Italy)</i>
10.45–11.00	The potential of the cultivation of the perennial grain Kernza in the Nordic-Baltic region Zita Kriaučiūnienė¹, Rita Čepulienė¹, Ernestas Zaleckas¹, Jurgita Kulaitienė¹, Nijolė Vaitkevičienė¹, Evelin Loit-Harro², Mailiis Korge², Lars T. Havstad³, Wendy Waalen³, Marjo Keskitalo⁴, Valentin Picasso⁵ ¹ Vytautas Magnus University (Lithuania) ² Estonian University of Life Sciences (Estonia) ³ Norwegian Institute of Bioeconomy Research (Norway) ⁴ Natural Resources Institute Finland (Finland) ⁵ Swedish University of Agricultural Sciences (Sweden)

11.00–11.15	Common lotus – sustainable crop and valuable forage for cows on agroecological farms Malgorzata Jedryczka¹, Ankica Kondić Špika², Vuk Đorđević², Sanja Vasiljević², Predrag Randelović², Vladimir Aćin², Barbara Kowalik¹, Joanna Kaczmarek¹, Magdalena Gawłowska¹, Witold Irzykowski¹, Dariusz Kruszka¹ ¹Polish Academy of Sciences (Poland) ²National Institute of the Republic of Serbia (Serbia)
11.15–11.30	Research needs from practice for adaptation of climate smart agriculture on farm Antanas Maziliauskas <i>Vytautas Magnus University (Lithuania)</i>
11.30–11.45	The place and role of livestock in the agroecological transition René Baumont <i>INRAE / SmartCow (France)</i>
11.45–12.00	Evaluation of potato (<i>Solanum Tuberosum</i> L.) biomass production and nitrogen use efficiency under various nitrogen levels <i>in vitro</i> Lāsma Rābante-Hāne¹, Ilze Dimante¹, Ilze Skrabule¹, Ina Alsina² ¹Institute of Agricultural Resources and Economics (Latvia) ²Latvia University of Life Sciences and Technologies (Latvia)
12.00–13.00	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>
IN PERSON Chairpersons: prof. dr. Kęstutis Romaneckas, Daniele Baldo <u>Join us online, click here</u>	
13.00–13.15	Plant research for the agroecological transition Roland Pieruschka <i>Forschungszentrum Jülich / EMPHASIS (Germany)</i>
13.15–13.30	Integrating plant quality analysis with leaf microbiota composition and functional diversity in Chinese cabbage plants grown on biochar amended soils Maria Isabel Nougues Gonzalez <i>Italian National Research Council / AgroServ access programme (Italy)</i>

13.30–13.45	Selection of essential oil crops, <i>Hyptis suaveolens</i> L. (<i>Lamiaceae</i>) for tomato pests control in horticultural system of Benin. Frida Dossa <i>University of Abomey-Calavi / AgroServ access programme Benin (Benin)</i>
13.45–14.00	Novel biodiversity assessment technologies for determination of arthropods and pollinators in sunflowers Ilja Svetnik <i>Carinthia University of Applied Sciences / AgroServ access programme (Austria)</i>
14.00–14.15	Valorization of emmer wheat by co-designing healthy foods from organic agriculture Alberto Akiki <i>Università degli Studi di Teramo - IUSS Pavia / AgroServ access programme (Italy)</i>
14.15–14.30	Evaluating nanobubble watering (air and oxygen) for soil moisture retention and soil health in compost-amended soils Yeganeh Arablousabet, Arvydas Povilaitis <i>Vytautas Magnus University (Lithuania)</i>
14.30–14.45	Socio-economic services in the agroecological research Livia Madureira <i>University of Trás-os-Montes (UTAD) (Portugal)</i>
POSTERS	
14.45–15.00	Ecological ecofoodsystem ecotron experiment ECO³ Bernard Longdoz, Vincent Leemans, Jennifer Michel, Caroline De Clerck <i>Université de Liège, Gembloux Agro-Bio Tech, Unité de Recherche TERRA (Belgium)</i> Optimizing the benefit of adding compost to the soil, by coalescence of bacterial communities from the soil to the maturing compost Agathe Jung, Nathalie Wéry, Julie Jimenez, Diana García-Bernet <i>Laboratoire de Biotechnologie de l'Environnement (France)</i> The IPISA high-throughput plant phenotyping platform, delivering services from experimental design to plant trait extraction at large scale Bart Van Gansbeke, Germano Teixeira Gomes, Rafael Abbeloos, Helena Beyaert, An Bombaert, Jelle Ducheyne, Juris Labee, Véronique Storme, Mathias Willemijns, Stijn Dhondt <i>VIB agro-incubator (Belgium)</i>

15.00–15.30	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
15.30–16.30	Euro-BioImaging: open access to state-of-the-art imaging technologies for agroecological research Ayoub El Ghadraoui, Johanna Bischof <i>Euro-BioImaging ERIC (Germany)</i> Investigation of allelopathic properties of agricultural plants of the <i>Fabaceae</i> family Rita Čepulienė, Kęstutis Romaneckas, Zita Kriaučiūnienė, Aušra Sinkevičienė, Rita Pupalienė, Rasa Kimbirauskienė, Jovita Balandaitė, Austėja Švereikaitė <i>Vytautas Magnus University (Lithuania)</i> The influence of multifunctional autumn and spring intercrops on the quality and productivity of winter wheat Rokas Jonaitis, Jovita Balandaitė, Austėja Švereikaitė, Rasa Kimbirauskienė, Aušra Sinkevičienė, Lina Juodytė, Kęstutis Romaneckas, Kęstutis Stravinskas <i>Vytautas Magnus University (Lithuania)</i> Effects of <i>Poaceae</i> family interruptions on maize productivity Austėja Švereikaitė, Kęstutis Romaneckas, Rasa Kimbirauskienė, Aušra Sinkevičienė, Jovita Balandaitė, Rita Čepulienė, Rita Pupalienė, Zita Kriaučiūnienė, Ugnius Ginelevičius <i>Vytautas Magnus University (Lithuania)</i> The influence of herbicide application time and harrowing on weediness and economic efficiency of winter wheat Ilona Vagusevičienė, Darija Jodaugienė, Ernestas Zaleckas, Gabrielė Antanavičienė, Erika Berenytė <i>Vytautas Magnus University (Lithuania)</i> Organic waste composting for soil health and carbon farming Vaida Steponavičienė, Lina Marija Butkevičienė, Jūratė Aleinikovienė <i>Vytautas Magnus University (Lithuania)</i> Influence of pulse production in organic farming: influence of biological seed treatment methods on plant growth, yield and seed quality Petr Dvořák, Ivana Capouchová, Martin Král <i>Czech University of Life Sciences Prague (Czech Republic)</i>

	Agronomic characteristics and yield performance of winter peas (<i>Pisum sativum</i> L.) Aušra Rudinskienė, Lina Marija Butkevičienė, Deimina Petrusevičiūtė, Robertas Kosteckas, Vaida Steponavičienė <i>Vytautas Magnus University (Lithuania)</i>
	Alternative seed treatments within the cultivation technology of oilseed rape (<i>Brassica napus</i> L.) and soybean (<i>Glycine max</i> L.) Patrik Zimmer, Matěj Satranský, Ivana Capouchová, Pavel Procházka <i>Czech University of Life Sciences Prague (Czech Republic)</i>
	Isolation and screening of plant growth-promoting rhizobacteria for improving growth of winter wheat Aušra Babenskienė¹, Zita Kriaučiūnienė¹, Audrius Gegeckas², Justina Kaziūnienė³ ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Vilnius University, Bioenergy LT (Lithuania)</i> ³<i>Lithuanian Research Centre for Agriculture and Forestry (Lithuania)</i>
2.2 Towards Chemical Pesticide Free Agriculture 2.3 Decarbonisation and Digitalisation in Agriculture and Food 2.4 Carbon Farming and Soil Health 2.5 Agricultural and Food Biotechnologies 2.6 Food Systems for Healthy and Sustainable Food Production 2.7 Alternative Proteins and Food Innovations	
IN PERSON <u>Auditorium No. 524 Central building (Studentų str. 11, Akademija)</u> Join us online, click here Chairpersons: assoc. prof. dr. Rita Pupalienė, assoc. prof. dr. Judita Černiauskienė	
10.00–10.15	Sustainable sweet basil cultivation: the role of exogenous amino acids in yield and secondary metabolite enhancement Justina Deveikytė, Aušra Blinstrubienė, Natalija Burbulis <i>Vytautas Magnus University (Lithuania)</i>
10.15–10.30	Management of mineral nutrition to control the spread of pathogens in pak choi during post-harvest storage Darius Jermala, Neringa Rasiukevičiūtė, Alma Valiuškaitė, Kristina Bunevičienė, Viktorija Vaštakaitė-Kairienė

	<i>Lithuanian Research Centre for Agriculture and Forestry (Lithuania)</i>
10.30–10.45	Value chain innovation in berry pomace utilization and market potential for food and cosmetics Audronė Ispiryan, <i>Vytautas Magnus University (Lithuania)</i>
10.45–11.00	Influence of various feed materials on the growth efficiency of <i>Hermetia illucens</i> larvae Nerijus Naglius, Povilas Mulerčikas, Aurelija Ramanauskaitė, Jovita Balandaitė <i>Vytautas Magnus University (Lithuania)</i>
11.00–11.15	Geographical distribution of fruit fly species of genus <i>Bactrocera</i> (Diptera) of peach in district Swat, Khyber Pakhtunkhwa Murad Ali¹, Maula Fazal² <i>¹Gifu University (Japan)</i> <i>²Agriculture Research Institute (Pakistan)</i>
11.15–11.30	Bio-based agroecosystem transitions in the Baltic and Nordic regions through integrated relay cropping systems Kęstutis Romaneckas, Lina Juodytė, Romualdas Zemeckis, Jan Žukovskis, Rasa Kimbirauskienė, Jovita Balandaitė, Aušra Sinkevičienė, Vaclovas Bogužas <i>Vytautas Magnus University (Lithuania)</i>
11.30–11.45	The influence of herbicide application timing and tillering on weediness and economic efficiency of winter wheat Darija Jodaugienė, Lukas Aukselis, Lukas Juozaitis, Ilona Vagusevičienė <i>Vytautas Magnus University (Lithuania)</i>
ONLINE	
11.45–12.00	Advancing packaging practices for fresh poultry meat in the Baltic states: a comprehensive analysis of materials, technologies, and sustainability trends Laura Martinsone-Ozoliņa <i>Latvia University of Life Sciences and Technologies (Latvia)</i>
12.00–13.00	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>

IN PERSON

13.00–13.15	Effect of zoocompost on sugar compounds in honeysuckle berries of three cultivars Erika Jakienė¹, Nijolė Vaitkevičienė¹, Juozas Pekarskas¹, Ewelina Hallmann^{1,2} ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Warsaw University of Life Sciences (Poland)</i>
13.15–13.30	Impact of pretreatment methods on the fatty acids profile of <i>Nigella sativa</i> L. cold-press cake residuals Valdas Laukagalis¹, Živilė Tarasevičienė¹, Anna Kieltyka-Dadasiewicz², Mindaugas Visockis¹ ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>University of Life Sciences in Lublin (Poland)</i>
13.30–13.45	Quantities of pigments, vitamin C, sugars in fermented fireweed leaves cultivated in various systems Marius Lasinskas, Elvyra Jarienė <i>Vytautas Magnus University (Lithuania)</i>
13.45–14.00	Comparison of productivity and weediness of cover crop mixtures Auksė Daukšytė, Aušra Marcinkevičienė, Robertas Kosteckas, Rimantas Velička, Mykolas Urbonas <i>Vytautas Magnus University (Lithuania)</i>
14.00–14.15	Susceptibility of <i>Echinacea</i> to thrips damage: a case study in Vytautas Magnus University Botanical Garden Sonata Kazlauskaitė, Indrė Lukšytė, Arūnas Balsevičius, Ričardas Narijauskas <i>Vytautas Magnus University (Lithuania)</i>
14.15–14.30	Strawberry growth response to different fertilizer formulations Sonata Kazlauskaitė¹, Elena Survilienė-Radzevičė² ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Lithuanian Engineering College (Lithuania)</i>
14.30–14.45	Enhancing soil health through organic amendments: a climate-smart agroecological approach Muhammad Tahir Khan, Lina-Marija Butkevičienė, Vaida Steponavičienė, Ieva Švalkūnienė, Jūratė Aleinikovienė <i>Vytautas Magnus University (Lithuania)</i>

14.45–15.00	Milk thistle productivity Rita Pupalienė, Marijus Antušas, Robertas Kosteckas <i>Vytautas Magnus University Agriculture Academy (Lithuania)</i>
15.00–15.30	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
POSTERS	
15.30–16.30	Optimizing calcium supply for photosynthetic efficiency in hydroponically grown basil Viktorija Vaštakaitė-Kairienė¹, Neringa Rasiukevičiūtė², Darius Jermala², Kristina Bunevičienė², Alma Valiuškaitė² ¹ <i>Vytautas Magnus University (Lithuania)</i> ² <i>Lithuanian Research Centre for Agriculture and Forestry (Lithuania)</i> Flavonoids content in non–alcoholic beer with frozen berries Aloyzas Velička, Ieva Stankevičiūtė <i>Vytautas Magnus University (Lithuania)</i> The influence of different growing conditions on phenolic compounds and antioxidant activity in microgreens Aušrinė Simonavičiūtė, Viktorija Vaštakaitė-Kairienė <i>Vytautas Magnus University (Lithuania)</i> Effect of conventional and organic cultivation on free asparagine concentration in wheat and rye Matěj Satranský¹, Petr Dvořák¹, Beverly Hradecká², Eva Benešová², Martin Král¹, Karolína Loužecká², Ivana Capouchová¹, Jana Hajšlová² ¹ <i>Czech University of Life Sciences Prague (Czech Republic)</i> ² <i>University of Chemistry and Technology Prague (Czech Republic)</i> Enhancing cucumber yield and fruit quality through supplemental lighting with HortiLED lamps Živilė Juknevičienė, Dalė Šumskienė, Donatas Klimavičius <i>Kaunas College (Lithuania)</i> Water-based extraction of anthocyanins from black mulberry (<i>Morus nigra</i> L.) using traditional and innovative techniques Aistis Petruskevičius¹, Elvyra Jarienė², Pranas Viškelis¹ ¹ <i>Lithuanian Research Centre for Agriculture and Forestry (Lithuania)</i> ² <i>Vytautas Magnus University (Lithuania)</i>

	Effect of vegetable additive on the chemical and sensory properties of hamburger buns Jonas Pačėsas, Dovilė Levickienė <i>Vytautas Magnus University (Lithuania)</i>
	Enhancing soil health through compost: a climate-smart agroecological approach Muhammad Tahir Khan, Lina-Marija Butkevičienė, Vaida Steponavičienė, Ieva Švalkūnienė, Jūratė Aleinikovienė <i>Vytautas Magnus University (Lithuania)</i>
	Determinants of potato tuber cracking: impacts on production and productivity in Mozambique Reason Rumbidzai Charachimwe <i>Eduardo Mondlane University (Mozambique)</i>
	Influence of the addition of plant and animal raw materials on the macro and micro nutrient content of tea buns Laura Rakauskaitė, Jurgita Kulaitienė <i>Vytautas Magnus University (Lithuania)</i>
	Bioactive compounds in strawberry leaves and their association with leaf pigmentation Greta Grikštaitė-Prapiestė, Živilė Tarasevičienė, Indrė Čechovičienė <i>Vytautas Magnus University (Lithuania)</i>
	The comparison of undersown cover crops productivity and nutritive value Aušra Marcinkevičienė¹, Arūnas Čmukas^{2†}, Rimantas Velička¹, Robertas Kosteckas¹ ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Agrokoncernas, Ltd. (Lithuania)</i>
	Allelopathic effects of medicinal and aromatic plants on weed seedling development Karolina Jackevičienė, Aušra Sinkevičienė, Nerijus Jurkonis, Kęstutis Romaneckas, Rasa Kimbirauskienė, Ona Ragažinskienė, Giulnara Salimpur <i>Vytautas Magnus University (Lithuania)</i>

Drying temperature influence on the quality of edible honeysuckle (*Lonicera caerulea* L.) berries

Judita Černiauskienė, Živilė Tarasevičienė, Kotryna Smilgytė
Vytautas Magnus University (Lithuania)

Review – seed treatment: importance, application, impact and opportunities for increasing sustainability

Domas Benesevičius, Simona Paulikienė, Kristina Benesevičienė, Tomas Uksas
Vytautas Magnus University (Lithuania)

Section 3.

MULTIFUNCTIONAL APPROACH FOR SUSTAINABLE USE OF BIORESOURCES

Thursday, 2nd October 2025

3.1 Forests for Society, Biodiversity and Climate

3.2 Sustainable Forest Management

**3.3 Modelling the Food-Energy-Water (FEW)-Nexus – in Partnership with
Julich Systems Analysis, SSH**

IN PERSON

Auditorium No. 503 Central building (Studentų str. 11, Akademija)

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Chairpersons: assoc. prof. dr. Gerda Šilingienė, scientific assist. Edgars Dubrovskis

10.00–10.15	Protected liverwort <i>Odontoschisma denudatum</i> (Mart.) Dumort. ecology in substrate and forest stand scale in Southcentral Latvia coniferous forests: case study Edgars Dubrovskis¹, Anna Mezaka¹, Roberts Matisons² ¹Latvia University of Life Sciences and Technologies (Latvia) ²Latvian State Forest Research Institute “Silava” (Latvia)
10.15–10.30	Stem quality, height growth and phenology in young Norway spruce under sylleptic rather than proleptic free growth Gerda Šilingienė, Darius Danusevičius <i>Vytautas Magnus University (Lithuania)</i>
10.30–10.45	Five mismatches between policy and practice in hemiboreal forest stands and landscapes in Lithuania Michael Manton, Šarūnas Bujakovski Kukcinavičius, Silvija Šaudytė Manton <i>Vytautas Magnus University (Lithuania)</i>
10.45–11.00	International agreements and forest policy in Lithuania: impacts and conflicts Ekaterina Makrickienė <i>Vytautas Magnus University (Lithuania)</i>

11.00–11.15	Remote sensing of burned areas in Lithuania Sadig Zeynalov, Gediminas Brazaitis <i>Vytautas Magnus University (Lithuania)</i>
11.15–11.30	Innovative tree mapping methods for precision forestry: application of the TerraHärp system Lina Beniušienė, Gintautas Mozgeris <i>Vytautas Magnus University (Lithuania)</i>
11.30–11.45	Characteristics of Tree-related microhabitat in Lithuanian's hemi-boreal production forests: the influence of DBH and stand heterogeneity Gailenė Brazaitytė, Michael Manton, Žydrūnas Preikša, Vitas Marozas, Gediminas Brazaitis <i>Vytautas Magnus University (Lithuania)</i>
11.45–12.00	Modelling the merchantable timber and logging residues amounts in clear felled areas in Lithuania Edgaras Linkevičius, Almantas Kliučius <i>Vytautas Magnus University (Lithuania)</i>
12.00–13.00	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>
IN PERSON	
13.00–13.15	Scots pine (<i>Pinus sylvestris</i> L.) regeneration in Latvia: patterns, challenges and future prospects – a review Alise Bleive, Kaspars Liepiņš, Aldis Sproģis <i>Latvian State Forest Research Institute "Silava" (Latvia)</i>
13.15–13.30	Genetic monitoring of forest tree populations for richer biodiversity in forests Darius Danusevičius <i>Vytautas Magnus University (Lithuania)</i>
13.30–13.45	DNA fingerprinting of Scots pine and Norway spruce seed orchard clones for FRM origin control in Lithuania Darius Kavaliauskas¹, Darius Danusevičius¹, Rūta Kembrytė-Ilčiukienė¹, Ilona Kavaliauskienė², Virgilijus Baliuckas² ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Lithuanian Research Centre for Agriculture and Forestry (Lithuania)</i>

13.45–14.00	A burning history of Scot pine forests in hemi-boreal Europe: emulating fire as a disturbance Šarūnas Bujakovski-Kukcinavičius¹, Michael Manton¹, Charles Ruffner² ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Southern Illinois University (United States)</i>
ONLINE	
14.00–14.15	Forest4LV: advancing interdisciplinary capacity and bioeconomic innovation in Latvian forest research Dagnija Lazdina <i>Latvian State Forest Research Institute "Silava" (Latvia)</i>
14.15–14.30	Forest floor and mineral soil pH dynamics in Scots pine stands of varying ages: from clear-cuts to forest maturity Ugnė Viltrakytė^{1,2}, Milda Muraškienė¹, Iveta Varnagiryte-Kabašinskienė¹ ¹<i>Lithuanian Research Centre for Agriculture and Forestry (Lithuania)</i> ²<i>Vytautas Magnus University (Lithuania)</i>
14.30–14.45	Household survey in rural Niger based on UN SDGs Holger Schlör <i>Forschungszentrum Jülich /Institute of Climate and Energy Systems (Germany)</i>
14.45–15.00	Discussions
15.00–15.30	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
POSTERS	
15.30–16.30	The importance of soil improvement in the reclamation of sand and gravel extraction sites Viktorija Vendina, Dagnija Lazdiņa <i>Latvian State Forest Research Institute "Silava" (Latvia)</i> Ancient wood DNA research Jurata Buchovska¹, Anna Ozais-Przybyła² ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Warsaw University of Life Sciences (Poland)</i>

Section 4

SOCIAL RESEARCH AND INNOVATIONS FOR STRENGTHENING RURAL AREAS

Tuesday, 2nd October 2025

Section 4.1.

Subsections:

4.1. Innovative Rural Development Strategies: Thematic, Smart, Start-up, Eco, Zero Carbon Villages

4.2. Management of Crisis and Extreme Conditions in Rural Regions

4.6. Strengthening of Environmental Awareness, Values, and Pro-environmental Behaviour in Rural Areas and Regions

IN PERSON

Auditorium No. 512 Central building (Studentų str. 11, Akademija)

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Chairpersons: assoc. prof. dr. Gintarė Vazonienė, dr. Ingrida Kazlauskienė

10.00–10.15	Reconciling ecology, law and governance: scenarios for bioregional development Inga Megne, Kaspars Naglis-Liepa <i>Latvia University of Life Sciences and Technologies (Latvia)</i>
10.15–10.30	The use of crop growth models and remote sensing tools among extension officers in the Eastern Cape, South Africa Luleka Dlamini^{1,2}, Olivier Crespo¹, Jos van Dam² ¹ <i>University of Cape Town (South Africa)</i> ² <i>Wageningen University & Research (Netherlands)</i>
10.30–10.45	Selangor's rural development strategy in promoting equitable and sustainable local economy Mohamad Zulariff Bin Abdullah¹, Muhammad Nor Azri Bin Mohd Rodzi² ¹ <i>Office of the Selangor State Minister for Rural Development, Unity and Consumer (Malaysia)</i> ² <i>State of Selangor Economic Planning Unit (UPEN) (Malaysia)</i>
10.45–11.00	Application of information and communication technologies for public services management in smart villages Ingrida Kazlauskienė <i>Vytautas Magnus University (Lithuania)</i>

11.00–11.15	Socio-economic factors of subjective well-being from a gender perspective in Lithuania's and Poland rural areas Gintarė Vaznonienė¹, Agnieszka Wojewódzka-Wiewiórska² ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Warsaw University of Life Sciences (Poland)</i>
11.15–11.30	Co-designing rural cycle logistics: development and application of a serious game as a participatory workshop method Sascha Düerkop, Bickmann Julian <i>Fraunhofer INT (Germany)</i>
11.30–11.45	Nature and environmental conservation in spatial planning Maciej Nowak <i>West Pomeranian University of Technology in Szczecin (Poland)</i>
11.45–12.00	Discussions
12.00–13.00	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>

IN PERSON

Chairpersons: prof. dr. Vilma Atkočiūnienė, PhD student Erika Zabulionienė

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13.00–13.15	A renewal for the Forest Finn culture? A study of minority cultural reappropriation in rural Värmland Svante Karlsson, Richard Ek <i>Karlstad University (Sweden)</i>
13.15–13.30	Innovative public management tools to ensure rural vitality through generational change Vilma Atkočiūnienė, Ingrida Kazlauskienė, Jurgita Zaleckienė, Milita Vienažindienė, Alvydas Aleksandravičius <i>Vytautas Magnus University (Lithuania)</i>
13.30–13.45	Applying a fuzzy approach to analyse stakeholder's perceptions and attitudes about the return of the brown bear to northern Portugal Mónica de Castro-Pardo¹, Vicente López-Bao², Rui Dias³, Joao P.V. Santos^{3,4,5}, Sara Pinto⁶, Jose Pereira³, Joao C. Azevedo⁷ ¹<i>Universidad Complutense de Madrid (Spain)</i> ²<i>Oviedo University (Spain)</i> ³<i>Association for Nature and Rural Heritage Conservation (Portugal)</i> ⁴<i>Universidade do Porto (Portugal)</i> ⁵<i>Institute for Game and Wildlife Research (Spain)</i> ⁶<i>Associação Para o Estudo e Protecção do Gado Asinino (Portugal)</i> ⁷<i>Polytechnic Institute of Bragança (Portugal)</i>

13.45–14.00	From attitudes to action: linking pro-environmental behaviour and well-being in Lithuania Bernardas Vazonis, Gintarė Vazonienė, Algirdas Justinas Staugaitis <i>Vytautas Magnus University (Lithuania)</i>
ONLINE	
14.00–14.15	Some social consequences of deagrarianisation – a study of two villages in Poland Aleksandra Bilewicz <i>Institute of Rural and Agricultural Development, Polish Academy of Sciences (Poland)</i>
14.15–14.30	The impact of EU efforts to ensure climate change mitigation in member states: does criminal law matter? Edita Gruodytė <i>Vytautas Magnus University (Lithuania)</i>
14.30–15.00	Discussions
15.00–15.30	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
POSTERS	
15.30–16.30	Towards the regenerative future of a place Erika Zabulionė, Rasa Pranskūnienė <i>Vytautas Magnus University (Lithuania)</i>
	Urban development: how agricultural land use is changing? Arminas Stanionis, Laura Lukšytė <i>Vilnius Gediminas Technical University (Lithuania)</i>
	Investments in Latvia's regions and public participation in elections Līga Proskina, Jelena Saicane <i>Latvia University of Life Sciences and Technologies (Latvia)</i>
	SERI Selangor: promoting holistic rural development through social, economic, resilience and innovative approach Muhammad Nor Azri Bin Mohd Rodzi¹, Mohamad Zulariff Bin Abdullah², Datuk Rizam Bin Ismail³ ¹<i>State of Selangor Economic Planning Unit (UPEN) (Malaysia)</i> ²<i>Office of the Selangor State Minister for Rural Development, Unity and Consumer (Malaysia)</i> ³<i>Selangor State Government (Malaysia)</i>

Section 4.2.

Subsections:

4.3. Bioeconomy Development and Contribution to the European Green Deal and the United Nations Sustainable Development Goals

4.7. Governance of Accounting and Finance Towards Sustainability of Organisations and Territories

4.8. Green Financial Instruments, Markets and Role in Transformation of Economy

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Auditorium No. 506 Central building (Studentų str. 11, Akademija)

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Chairpersons: assoc. prof. dr. Erika Besusparienė, PhD student Kristina Gesevičienė

10.00–10.15	Who drives sustainable food consumption? A conceptual analysis of the role of consumers and policymakers Lana Janmere, Irina Pilvere <i>Latvia University of Life Sciences and Technologies (Latvia)</i>
10.15–10.30	Support of the common agriculture policy in Latvia for sustainable agricultural development in the context of the European Green Deal Irina Pilvere, Jana Gurska <i>Latvia University of Life Sciences and Technologies (Latvia)</i>
10.30–10.45	Sustainable public finances as a tool for strengthening rural areas Paweł Piątkowski <i>University of Białystok (Poland)</i>
10.45–11.00	Factors influencing the export of raw milk: the case of Lithuania Erika Besusparienė <i>Vytautas Magnus University (Lithuania)</i>
11.00–11.15	Assessing eco-efficiency of crop farms across European Union countries: comparative analysis Kristina Gesevičienė <i>Vytautas Magnus University (Lithuania)</i>

ONLINE

11.15–11.30	Environmental competitiveness of agriculture in the European Union countries Aina Muska, Irina Pilvere, Aleksejs Nipers <i>Latvia University of Life Sciences and Technologies (Latvia)</i>
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11.30–11.45	Green finance as the main source of sustainable development in the post-war reconstruction of Ukraine Nadiia Davydenko¹, Zoia Titenko², Oleksandra Smirnova¹, Alina Byriak¹ ¹State Tax University (Ukraine) ²National University of Life and Environmental Sciences of Ukraine (Ukraine)
11.45–12.00	Discussions
12.00–13.00	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>
IN PERSON Chairpersons: prof. dr. Vilija Aleknevičienė, assoc. prof. dr. Dalia Juočiūnienė <u>Join us online, click here</u>	
13.00–13.15	Strengthening the financial autonomy of rural municipalities in the implementation of the common agricultural policy Laima Skauronė, Monika Medikienė, Astrida Miceikienė, Remigijus Žalkauskas <i>Vytautas Magnus University (Lithuania)</i>
13.15–13.30	The Spanish combined agricultural insurance system as a strategic tool for the sustainability and resilience of blueberry cultivation: a financial and economic analysis in the context of global change Juan Jose Garcia-Machado¹, Rafael Dominguez Guillen² ¹University of Huelva (Spain) ²Freshuelva (Strawberries Producers and Exporters Association of the province of Huelva) (Spain)
13.30–13.45	A trade-off between business and financial risk: evidence from Lithuanian family farms Vilija Aleknevičienė, Agnė Valkauskaitė <i>Vytautas Magnus University (Lithuania)</i>
13.45–14.00	Sustainability reporting in Baltic public companies: standards choice and disclosure practices Dalia Juočiūnienė, Vilija Aleknevičienė, Danutė Zinkevičienė <i>Vytautas Magnus University (Lithuania)</i>
ONLINE	
14.00–14.15	Enhancing dairy farm financing in Kosovo: challenges and policy recommendations Albana Jupe¹, Fjolla Gashi¹, Ekrem Gjokaj² ¹Agricultural University of Tirana (Albania) ²Public International Business College Mitrovica (Kosovo)

14.15–14.30	Analysis of the main expenditure and structural components of the education system in a regional context Raimonds Kupčs <i>Latvia University of Life Sciences and Technologies (Latvia)</i>
14.30–15.00	Discussions
15.00–15.30	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
POSTERS	
15.30–16.30	The development of solar generation in the context of the EU “Green Deal” Valentyna Kukharets, Egidijus Blažauskas, Rasa Čingiene <i>Vytautas Magnus University (Lithuania)</i>
	Agriculture and rural areas sustainability transition under European Green Deal and Sustainable Development Goals: A comparative study of Poland and Albania Elżbieta Kołodziej¹, Anna Nowak¹, Aneta Jarosz-Angowska¹, Zenepe Dafku² ¹<i>University of Life Sciences in Lublin (Poland)</i> ²<i>Agricultural University of Tirana (Albania)</i>
	Food waste at the final stages of the supply chain in the European Union countries Vlada Vitunskienė, Audronė Mikalauskienė <i>Vytautas Magnus University (Lithuania)</i>
	Household food waste: causes and reduction strategies in Tauragė county Valdemaras Makutėnas, Simona Šimkevičiūtė <i>Vytautas Magnus University (Lithuania)</i>
	Time-varying spillover effects between green financial assets and cryptocurrencies Asta Bendoraitytė <i>Vytautas Magnus University (Lithuania)</i>

Section 4.3.

Subsections:

4.4. Management of Sustainable Biobusiness, Development of Local Food Systems, Short Food Supply Chains, Logistics and Marketing

4.5. Development of Agriculture Knowledge and Innovation Systems (AKIS) and Sustainable Entrepreneurship

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Chairpersons: assoc. prof. dr. Jolita Greblikaitė, PhD student Agnė Dapkuvienė

10.00–10.15	Theoretical approach on sustainable competitiveness in agriculture sector Agnė Dapkuvienė, Vlada Vitunskienė <i>Vytautas Magnus University (Lithuania)</i>
10.15–10.30	Management of sustainable tourism futures: towards the right to live and the right to travel Rasa Pranskūnienė <i>Vytautas Magnus University (Lithuania)</i>
10.30–10.45	Conceptual frameworks and models for the functioning of local food systems Aušra Žliobaitė <i>Vytautas Magnus University (Lithuania)</i>
10.45–11.00	Building resilient local food systems through cooperative action: the case of converge – Cooperativa Integral da Cova da Beira Anabela Dinis <i>University of Beira Interior (Portugal)</i>
11.00–11.15	Digital development: co-operation of business support organisations and rural bio-businesses Jolita Greblikaitė, Rolandas Rakštys <i>Vytautas Magnus University (Lithuania)</i>
11.15–11.30	Exploring consumer attitudes towards alternative proteins: the case of Lithuania Aistė Čapienė¹, Aušra Rūtelionė², Yaseen Bhutto¹, Rita Markauskaitė² <i>¹Vytautas Magnus University (Lithuania)</i> <i>²Kaunas University of Technology (Lithuania)</i>

ONLINE	
11.30–11.45	Rescuing harvests, restoring dignity: rural rising Philippines as a model of community-based agricultural innovation Nova Navo <i>University of the Philippines (Philippines)</i>
11.45–12.00	Discussions
12.00–13.00	Lunch <i>(5th floor Lobby of the Central Building of VMU Agriculture Academy)</i>
IN PERSON Chairpersons: prof. dr. Jan Žukovskis, assoc. prof. dr. Milita Vienažindienė <i>Join us online, click here</i>	
13.00–13.15	Drivers of agricultural education enrolment in Lithuania: economic, labour market, and institutional perspectives Algirdas Justinas Staugaitis, Daiva Makutėnienė <i>Vytautas Magnus University (Lithuania)</i>
13.15–13.30	Finnish dairy farming from the perspective of family farming and technology adoption: a conceptual and methodological approach Furkan Yigit, Timo Sipiläinen <i>University of Helsinki (Finland)</i>
13.30–13.45	The role of agripreneurship on food security: mediating role of innovation John Sumelius¹, Neema Kumburu², Gidion Njuga² ¹<i>University of Helsinki (Finland)</i> ²<i>Moshi Co-operative University (Tanzania)</i>
13.45–14.00	Towards greener grain transportation: inland waterways and their viability in Lithuania Milita Vienažindienė¹, Jurgita Zaleckienė¹, Elena Plotnikova¹, Baiba Rivza^{2,3} ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>Latvian Academy of Sciences (Latvia)</i> ³<i>Latvia University of Life Sciences and Technologies (Latvia)</i>
14.00–14.15	Business startup's for students: experience and perspectives for collaboration Jan Žukovskis¹, Dorota Chudy-Hyski² ¹<i>Vytautas Magnus University (Lithuania)</i> ²<i>University of Silesia in Katowice (Poland)</i>

14.15–14.30	Farm typology assessment matrix: insights into farmers' well-being and future scenarios Laura Girdžiūtė, Anastasija Novikova, Algirdas Justinas Staugaitis <i>Vytautas Magnus University (Lithuania)</i>
ONLINE	
14.30–14.45	Factors influencing consumer perceptions of sustainable packaging – a rapid literature review Laura Martinsone-Ozolina <i>Latvia University of Life Sciences and Technologies (Latvia)</i>
14.45–15.00	Discussions
15.00–15.30	Coffee/Tea Break <i>(Lobby near the Hall of the Central Building of VMU Agriculture Academy)</i>
POSTERS	
15.30–16.30	Analysis of expert opinions on the prospects for bioregion development in Latvia Daniela Klavina¹, Liga Proskina¹, Modrite Pelse¹, Sallija Cerina² ¹<i>Latvia University of Life Sciences and Technologies (Latvia)</i> ²<i>Institute of Agricultural Resources and Economics (Latvia)</i> Advancing grassland anaerobic digestion: a comprehensive economic–environmental assessment Rita Bužinskienė <i>Vytautas Magnus University (Lithuania)</i> Implementation of Sabak Bernam Development Area (SABDA) economic corridor: to promote progressive development of eco-agrotourism and food supply chain Rizam Bin Ismail¹, Mohamad Zulariff Bin Abdullah² ¹<i>State Government of Selangor (Malaysia)</i> ²<i>Office of the Selangor State Minister (Malaysia)</i> Harmonising social values and economic aspects in land use: data framework Hana Zach, Filip Tkáč, Danka Moravčíková <i>Slovak University of Agriculture in Nitra (Slovakia)</i>



- 1. Central Building** (Faculty of Agronomy; Faculty of Forest Sciences and Ecology; Administration)
- 2. II Building** (Faculty of Engineering)
- 3. III Building** (Faculty of Bioeconomy Development; Faculty of Engineering; Faculty of Natural Sciences)
- 4. IV Building** (Business and Social Partnership Center; Valley „Nemunas” administration)
- 5. VI Building**
- 6. VII Building** (Faculty of Forest Sciences and Ecology, Department of Forest Sciences)
- 7. VIII Building** (Open Access Research Center)
- 8. 10th Dormitory**
- 9. 8th Dormitory**
- 10. Academy's School-Kindergarten "Gilė"**
- 11. 4th Dormitory** (Health care center „Pilėnų klinika”)
- 12. 5th Dormitory** (Dormitory administration)
- 13. 7th Dormitory**
- 14. Exhibition Pavilion No. 1**
- 15. Exhibition Pavilion No. 2**
- 16. Exhibition Pavilion No. 3**
- 17. Communication and Technology Transfer Center**

