

Latvia University of Life Sciences and Technologies  
Faculty of Economics and Social Development

24<sup>TH</sup> ANNUAL INTERNATIONAL SCIENTIFIC CONFERENCE  
**ECONOMIC SCIENCE FOR RURAL DEVELOPMENT 2023**

**PROGRAMME**

**11-12 MAY 2023, JELGAVA**

**11 MAY 2023**

Latvia University of Life Sciences and Technologies, Lielā Str.2, Jelgava (Jelgava Palace)

09:00 – 10:00 **REGISTRATION**

10:00 – 12:00 **PLENARY SESSION**

12:00 – 13:00 **COFFEE BREAK**

13:00 – 14:30 **WORK IN SESSIONS**

14:30 – 15:00 **COFFEE BREAK**

15:00 – 16:30 **WORK IN SESSIONS**

17:00 – 20:00 **Closing event of the conference** -  
experience of international research and informal  
discussions (by invitation)

**PLENARY SESSION**

**11 MAY 2023**

Latvia University of Life Sciences and Technologies, Lielā Str.2, Jelgava (Jelgava Palace)

**Room 293**

**CHAIR: Andra Zvirbule, Dina Popluga**

**REPORT TIME – 10 MINUTES, DISCUSSION – 5 MINUTES**

10:00	<b>Andra Zvirbule</b>	WELCOME AND OPENING REMARKS
10:05 – 10:15	<b>Janis Millers Irina Pilvere Ilona Beizitere</b>	BIOGAS PRODUCTION EUROPEAN UNION AND NATIONAL REGULATORY ENACTMENTS AND REGULATIONS IN LATVIA
10:20 – 10:30	<b>Ludwik Wicki Aleksandra Wicka</b>	ENERGY PRODUCTIVITY IN AGRICULTURE IN EU COUNTRIES - DIRECTIONS AND DYNAMICS
10:35 – 10:45	<b>Jelena Ariva Ants-Hannes Viira Jüri Lillemets</b>	ORGANIC SOILS ON THE WAY TO CLIMATE NEUTRAL EUROPEAN UNION – ON THE EXAMPLE OF ESTONIAN AGRICULTURAL LAND
10:50 – 11:00	<b>Joanna Hernik Gunta Grinberga-Zalite Rafal Mazur Antonio Minguéz-Vera</b>	INNOVATIVE FOOD PRODUCTS IN THE EYES OF POLISH YOUNG CONSUMERS
11:05 – 11:15	<b>Alina Danilowska Andrzej Jedruchniewicz</b>	IMPACT OF THE COVID-19 PANDEMIC ON THE VOLUME AND STRUCTURE OF AGRICULTURE PRODUCTION IN POLAND
11:20 – 11:30	<b>Onjaherilanto Rakotovao Razanakoto Ludovic Temple</b>	INSTITUTIONAL GOVERNANCE OF BIOMASS IN RELATION TO GLOBAL HEALTH AMONG FARMERS IN MADAGASCAR
11:35 – 11:45	<b>Madina Raimjanova Dina Popluga</b>	BIOECONOMY CONCEPT AND POSSIBILITIES OF ITS IMPLEMENTATION IN UZBEKISTAN AGRICULTURE FOR MAKING IT MORE ATTRACTIVE FOR INVESTMENTS

### Work in session I

## **CIRCULAR ECONOMY: CLIMATE CHANGE, ENVIRONMENTAL ASPECT, COOPERATION, SUPPLY CHAINS NEW DIMENSIONS IN THE DEVELOPMENT OF SOCIETY RURAL DEVELOPMENT AND ENTREPRENEURSHIP**

11 MAY 2023

Latvia University of Life Sciences and Technologies, Lielā Str.2, Jelgava (Jelgava Palace)

**Room 293**

13:00 – 16:30 WORK IN SESSIONS

CHAIR: Sandris Ancans, Diana Liva

REPORT TIME – 10 MINUTES, DISCUSSION – 5 MINUTES

Elgars Felcis, Renars Felcis	DEGROWTH BY DISASTER OR DESIGN: CONVERGENCE OF CRISES AND POSSIBLE PATHWAYS IN LATVIA
Diana Liva, Andra Zvirbule	THEORETICAL ASSESSMENT OF SUSTAINABLE SOIL MANAGEMENT PRACTICES AND THEIR CONTRIBUTION TO ACHIEVING FARM AND CLIMATE GOALS
Nestan Varshanidze	BLUE ECONOMY: ANALYZING AQUACULTURE FARMS ON THE EXAMPLE OF THE AUTONOMOUS REPUBLIC OF ADJARA (GEORGIA)
Giorgi Abashidze	DIGITAL AGRICULTURE - TECHNOLOGICAL MEANS AND POSSIBILITIES OF DIGITAL TRANSFORMATION OF AGRICULTURE
Renate Cane, Kristine Blumfelde-Rutka	THE IMPORTANCE OF COMMUNICATION IN BEHAVIOURAL CHANGE FOR CONSUMER INVOLVEMENT IN THE CONTEXT OF BIO WASTE SORTING IN LATVIA
Sandris Ancans	TRENDS IN AGRICULTURAL LABOUR PRODUCTIVITY IN THE EU
Santa Bormane, Paula Gurtina	THE DIGITAL MARKETING AS A MARKETING COMMUNICATION TOOL FOR SUSTAINABLE PROMOTION OF PAID SERVICES OF HEALTHCARE INSTITUTIONS IN LATVIA
Santa Bormane, Marta Urbane	THE FACTORS INFLUENCING LEGAL AND ETHICAL DIGITAL MARKETING COMMUNICATION
Jolanta Millere, Baiba Miltovica	IMPLEMENTATION OF PROJECT MANAGEMENT STAKEHOLDER MATRIX IN SOCIAL ENTERPRISES IN LATVIA
Gunita Mazure, Lasma Mazure	PROPERTY AND CASUALTY INSURANCE MARKET: ASSESSMENT OF TRENDS AND FRAUD CASES IN LATVIA VS EUROPE
Aleksejs Jursa	PRODUCTIVITY DIFFERENCE BETWEEN A FOREIGN DIRECT INVESTMENT AND DOMESTIC CAPITAL FIRMS IN LATVIA IN THE AGRICULTURAL, FORESTRY AND FISHING SECTOR: A FIRM-LEVEL ANALYSIS
Ieva Nora Gedina, Sandija Zeverte-Rivza	DIGITALIZATION OF THE FRUIT AND BERRY PRODUCTION IN LATVIA
Evija Skujina, Irina Pilvere	DEVELOPMENT TRENDS AND CHALLENGES IN THE BEEF CATTLE BREEDING IN LATVIA
Katrina Kellerte, Anda Batraga, Jelena Salkovska, Liene Kaibe	OPPORTUNITIES AND LIMITATIONS FOR USING BIG DATA IN THE MARKETING INDUSTRY

### Work in session II

## **INTEGRATED AND SUSTAINABLE REGIONAL DEVELOPMENT EFFICIENCY OF PRODUCTION PROCESS AND COMPETITIVE OF COMPANIES NEW DIMENSIONS IN THE DEVELOPMENT OF SOCIETY SUSTAINABLE BIOECONOMY**

11 MAY 2023

Latvia University of Life Sciences and Technologies, Lielā Str.2, Jelgava (Jelgava Palace)

**Room 278**

13:00 – 16:30 WORK IN SESSIONS

CHAIR: Inese Trusina, Renars Felcis

REPORT TIME – 10 MINUTES, DISCUSSION – 5 MINUTES

Ina Gudele, Ilona Beizitere, Ieva Brencē	EXTERNAL AND INTERNAL FACTORS FOR INCREASING THE USE OF ELECTRONIC COMMERCE IN THE SME SECTOR IN LATVIA
Madara Dobele, Aina Dobele, Andra Zvirbule, Liga Jankova, Andrejs Lazdins	URBAN AGRICULTURE – POPULATION'S ATTITUDE TOWARDS PRACTICE AND PRODUCTS IN LATVIA
Inese Trusina, Elita Jermolajeva, Viktors Gopejenko	METHODOLOGICAL ASPECTS OF DESIGNING THE SUSTAINABLE REGIONAL DEVELOPMENT GOALS

<b>Julija Mironova, Biruta Sloka, Elita Jermolajeva</b>	BURNOUT OF THE EDUCATORS OF HIGHER EDUCATION INSTITUTIONS: ANALYSIS OF INFLUENCING FACTORS
<b>Renars Felcis</b>	ATTITUDES TOWARDS AND READINESS TO INVOLVE IN PROTECTION OF NATURAL RESOURCES: THE CASE OF GAUJA NATIONAL PARK INHABITANTS
<b>Ilgmars Lejnieks, Modrite Pelse</b>	THE ROLE OF CIRCULAR CUMULATIVE CAUSATION AND ECONOMIC GEOGRAPHY APPROACH IN THE DEVELOPMENT OF NEW INDUSTRIES, EXAMPLE OF GREEN HYDROGEN INDUSTRY EVOLUTION IN LATVIA AND ESTONIA
<b>Signe Dobelniece, Arturs Tribis</b>	MOTIVATING FACTORS IN THE PROFESSION OF SOCIAL WORK IN LATVIA
<b>Weronica Felcis, Elgars Felcis</b>	WOMEN'S VULNERABILITY IN THE CONVERGENCE OF CRISES IN LATVIA
<b>Oksana Zabko</b>	THE ANALYSIS OF SUPPORT MECHANISMS FOR OCCUPATIONAL MOBILITY IN THE LATVIAN ADULT EDUCATION SYSTEM
<b>Ieva Strode</b>	THE SPATIALITY OF CITIZENSHIP: A GOOD CITIZEN AND THE STATE
<b>Ilze Auliciema</b>	THE ROLE AND THE RIGHTS OF INDIVIDUAL IN DATA ECONOMY ECOSYSTEMS: IMPLEMENTATION OF THE 5G ELECTRONIC COMMUNICATION NETWORKS IN LATVIA
<b>Aleksandrs Dahs, Juris Krumins, Atis Berzins, Kristine Lece</b>	DEMOGRAPHIC CHALLENGES OF RURAL AREAS IN LATVIA: REFLECTIONS OF THE COVID-19 PANDEMIC
<b>Martins Rauzins, Peter Lusis, Eliza Līga Lidaka</b>	OPTIMAL CAPITAL INVESTMENT STRATEGY THROUGH A FLEXIBILITY SERVICES APPROACH
<b>Rita Buzinskiene</b>	AN OVERVIEW OF BIOFUEL POTENTIAL FROM ENERGY CROPS WASTE BIOMASS

## **POSTER PRESENTATIONS**

**11 MAY 2023**

Latvia University of Life Sciences and Technologies, Lielā Str.2, Jelgava (Jelgava Palace)

**Room 293**

10:00 – 16:30 **WORK IN SESSIONS**

<b>Ekaterine Shainidze, Iamze Surmanidze, Vazha Verulidze</b>	THE ROLE OF COOPERATIVES IN THE PROCESS OF SUSTAINABLE DEVELOPMENT OF AGRICULTURE AND INTEGRATION INTO THE TRADE AREA OF THE EUROPEAN UNION CASE OF GEORGIA
<b>Nargiz Phalavandishvili, Ekaterine Bakhtadze, Natalia Robitashvili</b>	ANALYSIS OF THE DIFFERENCE IN OCCUPANCY AND PROFITABILITY IN INTERNATIONAL BRAND HOTELS BEFORE AND AFTER THE PANDEMIC CAUSED BY COVID-19
<b>Baiba Mistre, Inguna Leibus, Iveta Bulina</b>	FACTORS IMPACTING THE AMOUNT OF STATE SOCIAL INSURANCE BENEFITS IN LATVIA
<b>Ginta Kronberga, Olga Jencevica</b>	FACTORS AFFECTING THE REPRODUCTIVE BEHAVIOUR OF THE POPULATION IN LATVIA
<b>Raimonds Ernsteins, Maris Ozolins, Līga Biezina, Ilga Zilniece</b>	MUNICIPAL ENVIRONMENTAL GOVERNANCE IN LATVIA: GOVERNANCE INSTRUMENTS' FRAMING PRACTICE