



SIA "Latvijas Lauku konsultāciju un izglītības centrs"



NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

Ziemeļvalstu Lauksaimniecības zinātnieku asociācijas Latvijas nacionālā biedrības (NJF Latvija) rīkotais kongress

Tēma: Lauksaimniecības nozares ekonomiskā analīze un popularizēšana

Apakštēma: Nordic View to the Sustainable Rural Development

Mērķis: Kongresa mērķis ir veidot informācijas apmaiņas platformu par jaunākajiem zinātnes pētījumiem lauksaimniecības nozarē un Ziemeļvalstu pieredzi efektīgas lauksaimniecības konsultāciju un zināšanu pārneses sistēmas veidošanā, lai veicinātu jaunu tehnoloģiju un saimniekošanas metožu ieviešanu praksē, lauksaimniecības nozares konkurētspēju un ilgtspējīgu lauksaimniecību Ziemeļvalstīs un t.sk. Latvijā

Programma

Norises vieta: Latvijas Universitāte, Raiņa bulv. 19, Rīga

Datums: 16.-18.06.2015

TUESDAY, JUNE 16

09:30 – 10:00	Registration	(In front of the Great Hall)
10:00 – 12:00	Opening ceremony and 1st plenary session	(Great Hall)
	<i>Chair: Baiba Rivža, Vice president of the Latvian Academy of Sciences</i>	
10:00 – 10:10	Svein Skøien , President of the NJF	WELCOME SPEECH
10:10 – 10:20	Laimdota Straujuma , Prime minister of the Republic of Latvia	WELCOME SPEECH
10:20 – 10:30	Ojārs Spārīts , President of the Latvian Academy of Sciences	WELCOME SPEECH
10:30 – 10:45	Armands Krauze , Parliamentary secretary of the Ministry of Agriculture of the Republic of Latvia	LATVIAN AGRICULTURE IN THE CONTEXT OF EU COMMON AGRICULTURE POLICY
10:45 – 11:15	Irina Pilvere , Professor, Rector of the Latvia University of Agriculture	BIOECONOMY DEVELOPMENT POSSIBILITIES IN LATVIA
11:15 – 11:45	Sirpa Kurppa , Professor, Natural Resources Institute, Finland	ADDED VALUE OF NORDIC-BALTIC BIOBASED PRODUCTS AND SERVICES – COULD THAT BE WORTH FOR REGIONAL BRANDING?
11:45 – 12:00	Discussion	
12:00 – 13:00	Lunch	
13:00 – 14:30	2nd plenary session	(Great Hall)
	<i>Chair: Aldis Kārklīšs, Professor of the Latvia University of Agriculture</i>	
13:00 – 13:30	Jussi Yli-Lahti , Permanent Representative of Finland to the EU in Regional policy	EFFICIENT UTILIZATION OF NATIVE NUTRIENT SOURCES
13:30 – 14:00	Rogier Schulte , Leader in Translational Research on Sustainable Food Production, Teagasc, Ireland	MAKING THE MOST OF OUR LAND: MEETING SUPPLY AND DEMAND OF SOIL

Saskaņā ar Latvijas Republikas Zemkopības ministrijas un SIA „Latvijas Lauku konsultāciju un izglītības centrs”
2015. gada 18. februārī noslēgto līgumu Nr. 2015/31, aktivitāte „Atbalsts nacionālajām, nozaru un reģionālajām organizācijām”

Atbalsta Zemkopības ministrija un Lauku atbalsta dienests



SIA "Latvijas Lauku konsultāciju un izglītības centrs"



NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

Co-authors: Lilian O'Sullivan, Rachel Creamer

FUNCTIONS ACROSS SPATIAL SCALES

14:00 – 14:30

Zinta Gaile, Professor of the Faculty of Agriculture of the Latvia University of Agriculture

Co-authors: Evelin Loit, Renata Marks-Bielska, Marek Marks, Viktoras Pranckietis, Johan Toren

HIGHER AGRICULTURAL EDUCATION
AROUND THE BALTIC SEE: PROBLEMS
AND SOLUTIONS

14:30 – 15:00 Coffee break

PARALLEL SESSIONS

CROP SCIENCE AND PRODUCTION I (Small Hall)

Chairs: Frederick Stoddard and Zinta Gaile

15:00 – 15:30	Frederick Stoddard	GRAIN LEGUMES FOR PROTEIN AND ENVIRONMENTAL BENEFITS IN THE NORDIC-BALTIC REGION
15:30 – 15:50	Emelie Andersson, Anna Mårtensson, Fredrik Fogelberg	RECURRENT INOCULATION OF SOYBEANS ARE NOT NECESSARY
15:50 – 16:10	Laila Dubova, Ina Alsiņa, Liene Strauta, Amanda Karlovskā, Alise Šenberga	THE EFFECT OF SYMBIOTIC ASSOCIATIONS ON THE PRODUCTIVITY OF <i>VICIA FABA</i> L. AND <i>PISUM SATIVUM</i> L.
16:10 – 16:30	Isaak Rashal, Dace Grauda	APPLICATION OF BIOTECHNOLOGY METHODS IN CEREAL BREEDING IN LATVIA
16:30 – 16:50	Mara Bleidere, Ilze Grunte	RELATIONSHIPS OF SPRING BARLEY QUALITY CHARACTERISTICS WITH ENVIRONMENTAL CONDITIONS

FOOD QUALITY AND SAFETY (Room 16)

Chairs: Līga Paura and Inga Ciproviča

15:00 – 15:30	Inga Ciproviča	THE IMPACT OF RAW MILK QUALITY ON LATVIAN DAIRY PRODUCTS PRODUCTION
15:30 – 15:45	Snorri Sigurdsson	LOW BACTERIAL COUNT IN BULK MILK WITH AMS
15:45 – 16:00	Anne-Kristin Løes, Steffen Adler, Randi Seljåsen, Ana Carvajal, Guro Møen Tveit, Kaisu Honkapää, Katariina Rommi	FOOD CO-STREAMS FOR INNOVATIVE FOOD AND FEED PRODUCTS
16:00 – 16:15	Iryna Pachytskaya, Victor Subach, Sviatlana Andzileuka	QUALITY AND SAFETY CONTROL OF AGRICULTURAL RAW MATERIALS AND FOOD PRODUCTS USING METHODS OF GAS CHROMATOGRAPHIC ANALYSIS
16:15 – 16:30	Assefa Mitike Janko	FISH PRODUCTION, CONSUMPTION AND MANAGEMENT IN ETHIOPIA
16:30 – 16:45	Özge Can Niyaz, Nevin Demirbaş	DETERMINATION OF CONSUMER PREFERENCES FOR FRESH FRUIT AND VEGETABLE IN TERMS OF FOOD SAFETY: A CASE STUDY OF CANAKKALE PROVINCE

SMART FARMING TECHNOLOGIES AND SUSTAINABLE ENERGY (Room 18)

Chairs: Fredrik Fogelberg and Gints Birzietis

15:00 – 15:30	John K. Schueller	MODERN AND SMART FARMING TECHNOLOGIES
15:30 – 15:45	Armands Kviesis, Aleksejs Zacepins, Egils Stalidzans	FUTURE DEVELOPMENT PERSPECTIVES OF THE PRECISION APICULTURE (PRECISION BEEKEEPING)



SIA "Latvijas Lauku konsultāciju un izglītības centrs"

NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

15:45 – 16:00	John Morken, Kristian Fjærtøft, Tormod Briseid	AGRICULTURAL BIOGAS PLANTS – ENERGY BALANCE
16:00 – 16:15	Ann-Christine Johansson, Per Hanarp, Per-Ove Persson	CONVERT BIOGAS TO METHANOL OR/AND DME
16:15 – 16:30	Nils Bjugstad	INSPECTION OF SPRAYING EQUIPMENT IN USE IN GREENHOUSES IN NORWAY
16:30 – 16:45	Fredrik Fogelberg	FLEXIHEADER CAN REDUCE LOSSES AT HARVEST OF DRY FIELD PEAS (PISUM SATIVUM) AND BARLEY (HORDEUM VULGARE)
16:45 – 17:00	Snorri Sigurdsson, Per Justesen, Esa Manninen, Tilmann Hettasch, Carolina Markey	DEVELOPMENT OF AMS IN THE NORDIC COUNTRIES BETWEEN 1996 AND 2014

BIOECONOMY (Museum Hall)*Chairs: Oiva Niemeläinen and Irina Pilvere*

15:00 – 15:30	Jyrki Niemi	POLICY DIMENSIONS OF SUSTAINABLE GROWTH IN AGRICULTURE AND FOOD PRODUCTION
15:30 – 15:45	Serina Ahlgren, Carina Gunnarsson	ENERGY CROPS AND SUSTAINABILITY – DEVELOPMENT OF AN EVALUATION MODEL
15:45 – 16:00	Gintaras Šiaudinis, Regina Skuodienė, Kazimieras Katutis	BIOMASS AND ENERGY PRODUCTIVITY OF DIFFERENT PLANT SPECIES UNDER WESTERN LITHUANIA CONDITIONS
16:00 – 16:15	Oiva Niemeläinen	INCREASING BIOMASS FOR BIOENERGY PRODUCTION ON MARGINAL LANDS BY RED CLOVER OVERSEEDING
16:15 – 16:30	Fred Håkon Johnsen	ORGANIC FARMERS WITH INNOVATIVE APPROACHES TO THE FOOD MARKETS: CASE STUDIES FROM HEDMARK COUNTY, NORWAY
16:30 – 16:45	Sarmīte Rancāne, Aldis Kārklīšs, Dagnija Lazdiņa	PLANT NUTRIENT RECYCLING FROM WASTE PRODUCTS OF BIOENERGY PRODUCTION
16:45 – 17:00	Muhammad Imran, Orhan Ozcatalbas	CURRENT STRUCTURE OF LAND HOLDINGS AND IMPORTANCE OF SMALL FARMS: EVIDENCES FROM PAKISTAN

EVIDENCE BASE ON THE IMPACT OF INNOVATION PARTNERSHIP (Great Hall)*Chairs: Kaspars Žūriņš and Eelke Wielinga*

15:00 – 15:30	Eelke Wielinga	INNOVATION EMERGES FROM PARTNERSHIP
15:30 – 15:45	Bronisław Dutka, Bartosz Mickiewicz	FARM ADVISORY SERVICE IN POLAND IN LIGHT OF LEGAL REGULATIONS
15:45 – 16:00	Kirsi Mäkinen, Kati Partanen	HOW TO GUIDE STUDENTS GOING TO PRACTICAL TRAINING IN AGRICULTURAL STUDIES?
16:00 – 16:15	Jan Žukovskis	EDUCATIONAL AND RESEARCH POTENTIAL FOR ADVISORS AND EXPERTS: CASE OF ECONOMIC AND MANAGEMENT FACULTY IN ALEKSANDRAS STULGINSKIS UNIVERSITY, LITHUANIA
16:15 – 16:30	Andis Kursītis	ADVISOR AS AN EXPERT TO PROMOTE INNOVATION TRANSFER. EXAMPLES OF GOOD PRACTICE OF INNOVATION PARTNERSHIP.
16:30 – 17:00	Discussion with the farm advisory service providers from the Latvian Rural Training and Advisory Centre moderated by Kaspars Žūriņš, Member of the Board of the Latvian Rural Advisory and Training Centre	



SIA "Latvijas Lauku konsultāciju un izglītības centrs"



NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

WEDNESDAY, JUNE 17

INTEGRATED PEST MANAGEMENT (Small Hall)

Chairs: Per Kudsk and Biruta Bankina

9:30 – 10:00	Per Kudsk	INTEGRATED PEST MANAGEMENT: THE FUTURE PARADIGM
10:00 – 10:20	Velemir Ninkovic, Iris Dahlin, Andja Vucetic, Robert Glinwood	BOTANICAL DIVERSITY – AN UNEXPLOITED RESOURCE FOR PLANT PROTECTION
10:20 – 10:40	Jānis Gailis, Ināra Turka	THE ASSESSMENT OF PREVIOUSLY UNAPPLIED FIELD METHOD FOR RESEARCH ON GROUND BEETLES AS INDICATORS OF INTEGRATED PEST MANAGEMENT
10:40 – 11:00	Grete Lene Serikstad, Christer Magnusson, Guro Brodal, Anne de Boer	SEARCHING FOR THE CAUSE OF CLOVER FATIGUE
11:00 – 11:20	Biruta Bankina, Gunita Bimšteine, Antons Ruža, Dzintra Kreita, Merabs Katamadze, Līga Paura	CROP ROTATION – THE MAIN FACTOR INFLUENCING THE DEVELOPMENT OF WHEAT LEAF BLOTCH
11:20 – 11:40	Toivo Univer, Neeme Univer	THE RESULTS OF A COMPARISON TRIAL OF APPLE SCAB RESISTANT CULTIVARS IN ESTONIA

GREENHOUSE GAS EMISSIONS FROM AGRICULTURE (Room 16)

Chairs: Rogier P.O. Schulte and Dina Popluga

09.30 – 10.00	Rogier P.O. Schulte	RECENT POLICY DEVELOPMENTS (EUROPEAN COUNCIL DECISION) AND SOME NEW DATA ON GHG IN RELATION TO LAND MANAGEMENT
10.00 – 10.20	Maarit Hellstedt, Hannu Haapala	USING A NEW FINNISH ENVIRONMENTAL TECHNOLOGY TO REDUCE ODOUR EMISSIONS FROM MANURE STORAGE AND SPREADING
10.20 – 10.40	Inguna Paredne, Maris Klavins	CLIMATE CHANGE ADAPTATION IN THE COUNTRYSIDE OF LATVIA: ADAPTATION TOOLS AND USE OF KNOWLEDGE
10.40 – 11.00	Dina Popluga, Kaspars Naglis-Liepa, Arnis Lēnerts	LATVIA'S PROGRESS TOWARDS AGRICULTURAL GHG MITIGATION
11:00 – 11:20	Liliya Degola, Aiga Trūpa, Elita Aplociņa, Laima Bērziņa	METHANE FROM ENTERIC FERMENTATION OF LIVESTOCK IN LATVIA
11:20 – 11:40	Juris Priekulis, Aivars Āboltiņš	CALCULATION METHODOLOGY FOR CATTLE MANURE MANAGEMENT SYSTEMS BASED ON THE 2006 IPCC GUIDELINES
11:40 – 12:00	Pēteris Rivža, Laima Bērziņa, Ivars Mozga, Didzis Lauva	LONG-TERM FORECASTING OF GHG EMISSIONS IN THE AGRICULTURAL SECTOR OF LATVIA

FORESTRY (Room 18)

Chairs: Rimvydas Vasaitis and Zane Lībiete

09:30 – 10:00	Rimvydas Vasaitis	EUROPEAN ASH AND ELM DEVASTATED BY ALIEN INVASIVE PATHOGENS: PERSPECTIVES?
10:00 – 10:20	Mudrīte Daugaviete, Andis Bārdulis, Uldis Daugavietis, Dagnija Lazdiņa, Arta Bārdule	POTENTIAL OF PRODUCING WOOD BIOMASS IN SHORT-ROTATION GREY ALDER (<i>ALNUS INCANA</i> MOENCH) PLANTATIONS ON AGRICULTURAL LANDS
10:20 – 10:40	Martins Zeps, Martins Purins, Janis Jansons, Janis Smilga, Aris Jansons	FACTORS AFFECTING HEIGHT GROWTH OF HYBRID ASPEN IN LATVIA

Saskaņā ar Latvijas Republikas Zemkopības ministrijas un SIA „Latvijas Lauku konsultāciju un izglītības centrs” 2015. gada 18. februārī noslēgto līgumu Nr. 2015/31, aktivitāte „Atbalsts nacionālajām, nozaru un reģionālajām organizācijām”

Atbalsta Zemkopības ministrija un Lauku atbalsta dienests



SIA "Latvijas Lauku konsultāciju un izglītības centrs"



NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

10:40 – 11:00	Kaspars Polmanis, Una Neimane, Imants Baumanis, Darta Klavina, Talis Gaitnieks, Aris Jansons	NEEDLE CAST DAMAGES IN YOUNG SCOTS PINE STANDS
11:00 – 11:20	Endijs Baders, Karlis Taukacs, Baiba Dzerina, Aris Jansons	CHARACTERISTICS OF UN-MANAGED NORWAY SPRUCE STANDS IN WINDTHROW AREA IN SLITERE NATIONAL PARK, LATVIA
11:20 – 11:40	Indulis Brauners, Kristīne Kenigšvalde, Kari Korhonen, Rimvydas Vasaitis, Tālis Gaitnieks	EFFICACY OF BIOLOGICAL CONTROL AGENT ROTSTOP IN CONTROLLING HETEROBASIDION INFECTION IN SPRUCE AND PINE STUMPS IN LATVIA
11:40 – 12:00	Tālis Gaitnieks, Kristaps Gruduls, Rimvydas Vasaitis	HETEROBASIDION ANNOSUM S.L. IN PICEA ABIES UNDERSTORY: INCIDENCE AND IMPACT ON RADIAL GROWTH OF TREES

LANDSCAPE ARCHITECTURE AND PLANNING (Room 15)

Chair: Madara Markova

9:30 – 10:00	Anders Larsson	URBAN SPRAWL AND ITS EFFECTS ON AGRICULTURAL LAND AND FUTURE SOCIETAL CONSEQUENCES
10:00 – 10:20	Daiga Zigmunde, Maija Jankevica, Kristīne Vugule	THE INFLUENCING FACTORS OF LANDSCAPE AESTHETICS IN LATVIAN RURAL AREAS
10:20 – 10:40	Madara Markova, Natalija Nitavska	CHURCH LANDSCAPES IDENTITY IN THE COASTLINE OF NORD KURZEME
10:40 – 11:00	Una Īle	PUBLIC OPEN SPACE REVITALIZATION IN CITIES OF LATVIA

SUSTAINABLE RURAL AND TERRITORIAL DEVELOPMENT I (Museum Hall)

Chairs: Jyrki Niemi and Linas Stabingis

9:30 – 10:00	Baiba Rivza, Elita Jermolajeva, Maiga Kruzmetra	RURAL SPACE COHESION CHALLENGES IN THE BALTIC STATES
10:00 – 10:15	Jyrki Niemi	TWENTY YEARS AFTER – WELFARE EFFECTS OF THE APPLICATION OF THE CAP IN AUSTRIA, FINLAND AND SWEDEN
10:15 – 10:30	Aleksandra Martinovska Stojcheska, Ana Kotevska, Natalija Bogdanov, Aleksandra Nikolić	APPLICATION OF RURAL DEVELOPMENT POLICY IN SEE COUNTRIES: BEHAVIORAL ECONOMICS APPROACH
10:30 – 10:45	Fredricson Magnus, Ljung Magnus	ASSESSING INTERVENTIONS SUPPORTING SUSTAINABLE DEVELOPMENT IN RURAL AREAS – A DIALOGICAL APPROACH
10:45 – 11:00	Linas Stabingis, Darius Jazepčikas, Asta Raupelienė	EMPLOYMENT AND LABOUR MARKET DEVELOPMENT IN NORDIC AND BALTIC STATES
11:00 – 11:15	Baiba Rivza, Ingrida Latimira	PROBLEMS OF RECORDING BIOLOGICAL ASSETS AND LEGISLATION SHORTCOMINGS IN LATVIA, POSSIBLE SOLUTIONS
11:30 – 11:45	Jarkko K. Niemi	AN AUTOREGRESSIVE MODEL TO ESTIMATE THE IMPACTS OF PRICE SHOCKS ON FEED PRICES
11:45 – 12:00	Ina Gudele, Baiba Rivza	FACTORS INFLUENCING E-COMMERCE DEVELOPMENT IN BALTIC RURAL AREAS.



SIA "Latvijas Lauku konsultāciju un izglītības centrs"

NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

12:00 – 13:00

Lunch

TRENDS IN HORTICULTURE (Museum Hall)*Chairs: Ingeborg Menzler-Hokkanen and Edīte Kaufmane*

13.00 – 13.30	Laila Ikase	RESULTS OF FRUIT BREEDING IN BALTIC AND NORDIC STATES
13.30 – 13.50	Ingeborg Menzler-Hokkanen, Heikki M.T. Hokkanen, Marja-Leena Lahdenperä	BERRY AND FRUIT CULTIVATIONS IN FINLAND: THE CHANGE IN CAP AND ITS IMPLICATIONS FOR THE FUTURE
13.50 – 14.10	Jana Apse, Aldis Karklins, Anita Osvalde	DETERMINATION OF NITROGEN EFFICIENCY BY HALF-HIGH BLUEBERRY CULTIVAR 'CHIPPEWA'
14.10 – 14.30	Irina Sivicka, Ieva Žukauska, Antra Balode, Aleksandrs Adamovics	FRESH AND DRY BIOMASS OF OREGANO (<i>ORIGANUM VULGARE</i> L.) ACCESSIONS
14.30 – 14.50	Aušra Brazaitytė, Julė Jankauskienė, Akvilė Viršilė, Giedrė Samuolienė, Sandra Sakalauskienė, Ramūnas Sirtautas, Algirdas Novičkovas, Laurynas Dabašinskas, Viktorija Vaštakaitė, Jurga Miliauskienė, Aistė Bagdonavičienė, Pavelas Duchovskis	RESPONSE OF BRASSICACEAE MICROGREENS TO SUPPLEMENTAL UV-A EXPOSURE

ANIMAL PRODUCTION, ANIMAL WELFARE AND PROTECTION OF ANIMAL HEALTH (Room 16)*Chairs: Olav Martin Synnes and Jørgen Dejjgård Jensen*

13.00 – 13.30	Ruth C. Newberry	RECOGNIZING HOW ANIMALS ARE FEELING
13.30 – 13.45	Alan Waller	RESOLVING FOLLICLE POPULATIONS WITHOUT BIOPSY – ENHANCING OPTICAL FIBRE DIAMETER ANALYSIS OF WOOL AND FUR QUALITY
13.45 – 14.00	Lars Nesheim, Olav Martin Synnes, Arvid Steen, Anne Langerud	DIETARY CATION-ANION DIFFERENCE (DCAD) OF FORAGE SPECIES IN NORWAY
14.00– 14.15	Pernille Engelsen Etterlin, Eva Heldmer, Julia Österberg, Stina Ekman	EFFECT OF ORGANIC AND CONVENTIONAL HOUSING ON PREVALENCE OF OSTEOCHONDROSIS DISSECAN IN FINISHING PIGS
14.15 – 14.30	Jarkko K. Niemi, Anna Ollila, Liisa Voutilä, Anna Valros, Claudio Oliviero, Mari Heinonen, Olli Peltoniemi	ECONOMIC ASPECTS OF IMMUNOCASTRATION IN THE PIGS
14.30 – 14.45	Jørgen Dejjgård Jensen, Mogens Lund	DEVELOPING LIVESTOCK VACCINES – CAN A REAL OPTIONS APPROACH TO COST ASSESSMENT MAKE A POLICY DIFFERENCE?
14.45 – 15.00	Leif J. Asheim, Gry M. Grøneng, Petter Hopp, Ola Nafstad, Agnar Hegrenes, Synnøve Vatn	ECONOMIC EVALUATION OF AN ERADICATION PROGRAM OF VIRULENT FOOTROT IN NORWEGIAN SHEEP
15.00 – 15.15	Hans Andersson, Yves Surry, Leif Jarle Asheim, Agnar Hegrenes	SCANDINAVIAN HORSE INDUSTRY – FUTURE SCENARIOS AND FORESIGHT ANALYSIS

SOIL AND WATER MANAGEMENT I (Room 18)*Chairs: Aldis Karklins and*

Saskaņā ar Latvijas Republikas Zemkopības ministrijas un SIA „Latvijas Lauku konsultāciju un izglītības centrs”
2015. gada 18. februārī noslēgto līgumu Nr. 2015/31, aktivitāte „Atbalsts nacionālajām, nozaru un reģionālajām organizācijām”

Atbalsta Zemkopības ministrija un Lauku atbalsta dienests



SIA "Latvijas Lauku konsultāciju un izglītības centrs"



NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

Seija Virtanen

13:00 – 13:30	Markku Yli-Halla	EFFICIENT UTILIZATION OF NATIVE NUTRIENT SOURCES
13:30 – 13:45	Seija Virtanen, Jaana Uusi-Kämpä, Peter Österholm, Markku Yli-Halla	CONTROLLED DRAINAGE AND SUB-IRRIGATION AS A METHOD FOR MITIGATE ACID LOADING IN FINNISH ACID SULFATE SOILS
13:45 – 14:00	Patrick Tuohy, James Humphreys, Nicholas Holden, James O' Loughlin, Brian Reidy, Owen Fenton	VISUAL DRAINAGE ASSESSMENT: LAND DRAINAGE DESIGN ON THE FARM
14:00 – 14:15	Lassi Warsta, Riikka Nousiainen, Mika Turunen, Hanna Huitu, Harri Koivusalo, Liisa Pesonen	ANALYSING PERFORMANCE AND CONTRIBUTING AREAS OF A SUBSURFACE DRAINAGE SYSTEM WITH A HYDROLOGICAL MODEL
14:15 – 14:30	Heidi Salo, Lassi Warsta, Mika Turunen, Maija Paasonen-Kivekäs, Jyrki Nurminen, Markus Sikkilä, Laura Alakukku, Merja Myllys, Markku Puustinen, Helena Aijo, Harri Koivusalo	SIMULATION OF WATER FLOW TO SUBSURFACE DRAINS CONSTRUCTED WITH TRENCHLESS AND TRENCH INSTALLATION METHODS
14:30 – 14:45	Mika Turunen, Lassi Warsta, Maija Paasonen-Kivekäs, Laura Alakukku, Harri Koivusalo	EFFECTS OF LAND-USE, TOPOGRAPHY AND HYDROLOGICAL VARIATION ON SEDIMENT LOADS IN CLAYEY SUBSURFACE DRAINED AGRICULTURAL FIELDS
14:45 – 15:00	Johannes Deelstra	SUBSURFACE DRAINAGE RUNOFF BEHAVIOUR IN NORWAY
15:00 – 15:15	Karuppan Perumal, Jayaraman Arunkumar, Alan Waller	DEVELOPING A MOBILE LABORATORY METHOD FOR SOIL NUTRIENT ANALYSIS SERVICES TO LOW INCOME FARMERS

CROP SCIENCE AND PRODUCTION II (Small Hall)

Chairs: Sigita Lazauskas and Liv Østrem

13:00 – 13:20	Aleksandras Velykis, Aušra Arlauskienė, Laura Masilionytė, Stanislava Maikštėnienė, Antanas Satkus, Danutė Jablonskytė-Raščė	POSSIBILITIES OF USING COVER CROPS IN CLAY LOAM SOILS OF NORTHERN LITHUANIA
13:20 – 13:40	Kirsi Mäkinen, Maarit Hyrkäs, Perttu Virkajärvi	THE ORIGIN AND ITS EFFECT ON GROWING HABITS OF THE REGROWTH TILLERS OF TIMOTHY AND TALL FESCUE IN FINLAND
14:00 – 14:20	Liv Østrem, Áslaug Helgadóttir, Oiva Niemeläinen, Mervi Seppänen, Morten Greve Pedersen, Magnus Halling, Odd Arne Rognli	ENVIRONMENTAL IMPACT ON WINTER SURVIVAL AND PRODUCTION IN NON-NATIVE GRASSES IN THE NORDIC COUNTRIES
14:20 – 14:40	Ieva Sturite And Tor Lunnan	PERSISTENCE AND ESTABLISHMENT OF RED CLOVER UNDER EXTENSIVE FORAGE PRODUCTION SYSTEMS IN NORWAY

Saskaņā ar Latvijas Republikas Zemkopības ministrijas un SIA „Latvijas Lauku konsultāciju un izglītības centrs” 2015. gada 18. februārī noslēgto līgumu Nr. 2015/31, aktivitāte „Atbalsts nacionālajām, nozaru un reģionālajām organizācijām”

Atbalsta Zemkopības ministrija un Lauku atbalsta dienests



SIA "Latvijas Lauku konsultāciju un izglītības centrs"

NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

14:40 – 15:00

Sigitas Lazauskas, Šarūnas
Antanaitis, Virmantas
Povilaitis And Renaldas
ŽydelisPRODUCTIVITY OF CROPS OF FIELD ROTATION IN
CONTRASTING GROWING SEASONS**THURSDAY, JUNE 18****ORGANIC AGRICULTURE** (Small Hall)*Chairs: Anne-Kristin Løes and Dzidra Kreišmane*

9.30 – 10.00	Anne-Kristin Løes, Ólafur R. Dýrmondsson, Dzidra Kreišmane, Minna Mikkola, Sirli Pehme, Ilse A. Rasmussen, Virgilijus Skulskis, Maria Wiwstad	THE ORGANIC SECTOR IN THE NORDIC-BALTIC REGION – WHAT IS ACHIEVED, AND WHAT IS CHALLENGING FURTHER GROWTH?
10.00 – 10.20	Aušra Arlauskienė, Žydrė Kadžiulienė, Irena Deveikytė, Lina Šarūnaitė, Roma Semaškienė, Edita Karbauskienė, Laura Masilionytė, Danutė Jablonskytė-Raščė	CROP DIVERSITY AND PRODUCTIVITY UNDER ORGANIC FARMING IN LITHUANIA
10.20 – 10.40	Helena Madsen, Liina Talgre, Viatcheslav Eremeev, Anne Luik, Erkki Mäeorg	IN ORGANIC CROP ROTATION WINTER COVER CROPS IMPROVE SOIL, WEED SUPPRESSION AND CROP YIELDS
10.40 – 11.00	Anders Johansen, Reidun Pommeresche, Hugh Riley, Anne-Kristin Løes	ANAEROBIC DIGESTION OF ANIMAL MANURE – IMPLICATIONS FOR CROP YIELDS AND SOIL BIOTA IN ORGANIC FARMING

SUSTAINABLE RURAL AND TERRITORIAL DEVELOPMENT II (Museum Hall)*Chairs: Baiba Rivza and Viktorija Zalūksne*

9:30 – 9:45	Liva Grinevica, Baiba Rivza	YOUTH LONG-TERM UNEMPLOYMENT PROBLEMS AND SOLUTIONS IN RURAL AREAS
9:45 – 10:00	Jarkko K. Niemi, Nicholas Minot, Mila Sell	MARKETING OF AGRICULTURAL PRODUCTS AND THE USE OF MOBILE PHONES AMONG FARM-HOUSEHOLDS IN GHANA AND UGANDA: A SURVEY
10:00 – 10:15	Janne P. Karttunen, Risto H. Rautiainen	GENDER DIVISION OF FARM WORK AND OCCUPATIONAL INJURIES
10:15 – 10:30	Laura Jeroscenkova, Baiba Rivza, Maiga Kruzmetra, Ligita Melece, Aleksandrs Spaks, Mikalai Artsiusheuski	THE VALUE OF CULTURAL HERITAGE: THE STATE IN BELARUS AND LATVIA
10:30 – 10:45	Viktorija Zalūksne, Baiba Rivza	KNOWLEDGE-BASED ENTERPRISES DISTRIBUTION IN THE URBAN AND RURAL AREAS OF LATVIA

SOIL AND WATER MANAGEMENT II (Room 18)*Chairs: Markku Yli-Halla and Kristiina Regina*

9:30 – 9:45	Kirsty McKinnon	TOWARDS A NEW SOIL AWARENESS – EDUCATIONAL TOOLS FOR USE IN PRIMARY SCHOOL
9:45 – 10:00	Aldis Karklins	HISTOSOLS IN LATVIA AND WRB SOIL CLASSIFICATION
10:00 – 10:15	Kristiina Regina, Pooja Singh, Jaakko Heikkinen, Elise Ketoja, Visa Nuutinen, Ansa Palojärvi, Jatta Sheehy, Martti Esala, Sudip Mitra, Laura Alakukku	THIRTY YEARS OF REDUCED TILLAGE OR STRAW MANAGEMENT HAD MINOR EFFECTS ON SOIL CARBON SEQUESTRATION
10:15 – 10:30	Danute Karcauskiene, Ieva Jokubauskaite, Regina Repsiene, Dalia Ambrazaitiene,	EFFECT OF LIMING ON THE DYNAMICS OF WATER-STABLE AGGREGATES AND ORGANIC CARBON IN



SIA "Latvijas Lauku konsultāciju un izglītības centrs"



NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
EIROPA INVESTĒ LAUKU APVIDOS
Eiropas Lauksaimniecības fonds
lauku attīstībai

	Alvyra Slepetiene	MORAINE LOAM SOIL
10:30 – 10:45	Imants Kukuļs, Oļģerts Nikodemus, Raimonds Kasparinskis, Santa Grāvelsiņa, Dana Prižavoite	CARBON ACCUMULATION AND HUMIFICATION IN SOILS OF ABANDONED FORMER AGRICULTURAL LANDS IN THE HEMIBOREAL ZONE
10:45 – 11:00	Karin Hamnér, Martin Weih, Jan Eriksson, Holger Kirchmann	IMPACT OF NITROGEN FERTILIZATION ON NUTRIENT UPTAKE AND STOICHIOMETRY IN WINTER WHEAT
11:15 – 12:00	CLOSING CEREMONY (Small Hall) <i>Chair: Svein Skøien</i>	
	Summary about the 25 th NJF Congress	
	Award giving for the best PhD student presentations	
	Announcement of the 26 th NJF Congress	
12:00 – 13:00	LUNCH	

Ziemeļvalstu Lauksaimniecības zinātnieku asociācijas
Latvijas nacionālā biedrības (NJF Latvija)
25.kongresa koordinatore

Z. Bulderberga

Ziemeļvalstu Lauksaimniecības zinātnieku asociācijas
Latvijas nacionālā biedrības (NJF Latvija)
valdes priekšsēdētājs

P. Rivža