

AGROSYM

Agro 2025 sym

Faculty of Agriculture
University of East Sarajevo



Republic of Srpska
Bosnia and Herzegovina

CIHEAM - Mediterranean
Agronomic Institute of
Bari (CIHEAM Bari)



CIHEAM
BARI
Italy

Faculty of Agriculture
University of Belgrade



Serbia

in collaboration with



AGROSYM

Jahorina, 2-5 October 2025, Bosnia and Herzegovina

SYMPOSIUM PROGRAMME

HONORARY COMMITTEE

President: Prof. dr. **Dusan Kovacevic**, Honorary president of AGROSYM Agriculture Symposium, Serbia
Mrs. Andjelka Kuzmic, Minister of Agriculture, Water Management and Forestry of Republic of Srpska, Bosnia and Herzegovina
Prof. dr. Siniša Karan, Minister of Scientific-Technological Development, Higher Education and Information Society of Republic of Srpska, Bosnia and Herzegovina
Prof. dr. Mario T. Tabucanon, President of the International Society of Environment and Rural Development, Japan
Prof. dr. Milan Kulic, Rector of the University of East Sarajevo, Bosnia and Herzegovina
Prof. dr. Vladan Bogdanovic, Dean of the Faculty of Agriculture, University of Belgrade, Serbia
Dr. Biagio Di Terlizzi, Director of the Mediterranean Agronomic Institute of Bari, Italy
Prof. Dr. Hüseyin Yilmaz, Rector of the Selçuk University, Turkey
Prof. dr. Aleksey Andreev, Rector of the Perm State Agro-Technological University, Russia
Prof. dr. Alexander Agibalov, Rector of the Voronezh State Agricultural University named after Peter The Great, Russia
Prof. dr. Xing Weihong, President of Jiangsu University, People's Republic of China
Prof. dr. Barbara Hinterstoisser, Vice-Rector of the University of Natural Resources and Life Sciences (BOKU), Austria
Prof. dr. Sorin Mihai Cimpeanu, Rector of the University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania
Prof. Shinichi Yonekura, Vice-President of the Shinshu University, Japan
Doc. Ing. Klaudia Halászová, Rector of the Slovak University of Agriculture in Nitra, Slovakia
Prof. dr. Calin D. Oros, Rector of the Valahia University of Targoviste, Romania
Prof. dr. Katerina Yelfou, Dean of the Faculty of Agriculture, University of Western Macedonia, Greece
Prof. dr. Amr Ahmed Mostafa, Dean of the Faculty of Agriculture, Cairo University, Egypt
Prof. dr. José Sergio Barrales Domínguez, Rector of the Chapingo Autonomous University, Mexico
Prof. dr. Davut Karayel, Dean of Faculty of Agriculture, University of Akdeniz - Antalya, Turkey
Prof. Dr. Eguchi Fumio, Rector of the Tokyo University of Agriculture, Japan
Prof. dr. Muhammad Naem, Vice-Chancellor of Arid Agricultural University, Rawalpindi, Pakistan
Prof. dr. Zhang Zhanping, President of Cangzhou Normal University, People's Republic of China
Prof. dr. Wang Zhanren, President of Northwest Normal University, People's Republic of China
Dr. Chokri Thabet, the General Director of the High Agronomic Institute of Chott Mariem, Sousse, Tunisia
Prof. dr. Maya Ignatova, Director of the Institute of Animal Science- Kostinbrod, Bulgaria
Prof. dr. Seyed Hamidreza Sadeghi, Professor at Tarbiat Modares University and the President of the Watershed Management Society of Iran, Iran
Prof. Jean-Francois Silas Kobiane, President of the University Joseph Ki-Zerbo, Burkina Faso
Prof. dr. Francesco Tei, Director of the Department of Agricultural, Food and Environmental Sciences, University of Perugia, Italy
Prof. dr. Viktor Kaminskyi, Director of National Scientific Center „Institute of Agriculture of NAAS“, Kyiv, Ukraine
Dr. Igor Hrovatić, President of South Eastern Advisory Service Network, Croatia
Prof. dr. Mirza Dautbasic, Dean of the Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina
Prof. dr. Bozidarka Markovic, Dean of the Biotechnical Faculty, University of Podgorica, Montenegro
Prof. dr. Rade Jovanovic, Director of the Institute for Science Application in Agriculture, Serbia
Prof. dr. Srđjan Lalic, Dean of the Faculty of Economics Brcko, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr. Vojislav Trkulja, Director of Agricultural Institute of Republic of Srpska - Banja Luka, Bosnia and Herzegovina
Dr. Miodrag Tolimir, Director of the Maize Research Institute "Žemun Polje", Serbia
Prof. Dr. Dragana Latkovic, Director of the Institute of Field and Vegetable Crops, Serbia
Prof. dr. Nenad Magazin, Dean of the Faculty of Agriculture, University of Novi Sad, Serbia
Prof. dr. Rodne Nastova, Director of the Institute for Animal Science, Skopje, Macedonia
Prof. dr. Sasa Orlovic, Director of the Institute of Lowland Forestry and Environment, Serbia
Prof. dr. Jonel Subic, Director of the Institute of Agricultural Economics, Serbia
Prof. dr. Branko Kovacevic, President of the Academy of Engineering Sciences of Serbia, Serbia
Prof. dr. Radovan Pejanovic, President of Balkan Scientific Association of Agricultural Economics, Serbia

SCIENTIFIC COMMITTEE

President: Dr. **Hamid El Bilali**, CIHEAM – Mediterranean Agronomic Institute of Bari (CIHEAM Bari), Italy
Vice-president: Prof. dr. **Siniša Berjan**, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Vice-president: Prof. dr. **Zeljko Dolijanovic**, Faculty of Agriculture, University of Belgrade, Serbia
Prof. dr. Machito Mihara, Tokyo University of Agriculture, Japan
Prof. dr. John Brayden, Norwegian Agricultural Economics Research Institute (NILF), Norway
Prof. dr. Steve Quarie, Visiting Professor, School of Biology, Newcastle University, United Kingdom
Prof. dr. Andreas Melcher, CDR, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria
Prof. dr. Dieter Trautz, University of Applied Science, Germany
Prof. dr. Mustafa Harmankaya, Dean of Faculty of Agriculture, University of Selçuk- Konya, Turkey
Prof. dr. Sergei Eliseev, Perm State Agro-Technological University, Russia
Prof. dr. Dani Shtienberg, full professor, Department of Plant pathology and Weed Research, ARO, the Volcani Center, Bet Dagan, Israel
Prof. dr. William Meyers, Howard Cowden Professor of Agricultural and Applied Economics, University of Missouri, USA
Prof. dr. Markus Schermer, Department of Sociology, University of Innsbruck, Austria
Prof. dr. Carmelo Rapisarda, Department of Agriculture, Food and Environment; University of Catania, Italy
Prof. dr. Thomas G. Johnson, University of Missouri – Columbia, USA

XVI International Scientific Agriculture Symposium "Agrosym 2025"
agrosym.ues.rs.ba

Prof. dr Fokion Papathanasiou, School of Agricultural Sciences, University of Western Macedonia, Greece
Prof. dr Sabahudin Bajramovic, Faculty of Agriculture and Food Sciences, University of Sarajevo, Bosnia and Herzegovina
Prof. dr Hiromu Okazawa, Faculty of Regional Environment Science, Tokyo University of Agriculture, Japan
Prof. dr Tatiana Sivkova, Faculty for Veterinarian Medicine and Zootechny, Perm State Agro-Technological University, Russia
Prof. dr Aleksey Lukin, Voronezh State Agricultural University named after Peter The Great, Russia
Prof. dr Matteo Vittuari, Faculty of Agriculture, University of Bologna, Italy
Prof. Katsuharu Saito, Faculty of Agriculture, Shinshu University, Japan
Prof. dr. Ebrahim Sepehr, Faculty of Agriculture, Urmia University, Iran
Prof. dr. Andrea Criscione, Department of Agriculture, Food and Environment, University of Catania, Italy
Prof. Giorgio Testa, Department of Agriculture, Food and Environment, University of Catania, Italy
Prof. Gabriella Vindigni, Department of Agriculture, Food and Environment, University of Catania, Italy
Prof. dr Seyed Mohsen Hosseini, Faculty of Natural Resources, Tarbiat Modares University, Iran
Prof. dr Ardian Maci, Faculty of Agriculture and Environment, Agricultural University of Tirana, Albania
Prof. dr Regucivilla A. Pobar, Bohol Island State University, Philippines
Prof. dr Azeem Khalid, Arid Agriculture University, Rawalpindi, Pakistan
Prof. dr Aayesha Riaz, Arid Agriculture University, Rawalpindi, Pakistan
Prof. dr Munir Ahmad, Arid Agriculture University, Rawalpindi, Pakistan
Prof. dr Sudheer Kundukulangara Puliserry, Kerala Agricultural University, India
Prof. dr EPN Udayakumara, Faculty of Applied Sciences, Sabaragamuwa University, Sri Lanka
Prof. dr Vladimir Smutný, full professor, Mendel University, Faculty of agronomy, Czech Republic
Prof. dr Franc Bavec, full professor, Faculty of Agriculture and Life Sciences, Maribor, Slovenia
Prof. dr Natalija Bogdanov, Faculty of Agriculture, University of Belgrade, Serbia
Prof. dr Richard Barichello, Faculty of Land and Food Systems, University of British Columbia, Canada
Prof. dr Francesco Porcelli, University of Bari Aldo Moro, Italy
Prof. dr Vasilije Isajev, Faculty of Forestry, University of Belgrade, Serbia
Prof. dr Elazar Fallik, Agricultural Research Organization (ARO), Volcani, Israel
Prof. dr Junaid Alam Memon, Pakistan Institute of Development Economics, Pakistan
Prof. Aziz Abouabdillah, National School of Agriculture, Meknes, Morocco
Prof. dr. Jorge Battle-Sales, Department of Biology, University of Valencia, Spain
Prof. dr Pandi Zdruli, Land and Water Resources Department; IAMB, Italy
Prof. dr Mladen Todorovic, Land and Water Resources Department; IAMB, Italy
Prof. dr Maksym Melnychuk, National Academy of Agricultural Science of Ukraine, Ukraine
Prof. dr Borys Sorochynskyi, Ukrainian Institute for Plant Variety Examination, Kyiv, Ukraine
Dr. Lorenz Probst, CDR, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria
Prof. Dragana Sunjka, Faculty of Agriculture, University of Novi Sad, Serbia
Prof. dr Miodrag Dimitrijevic, Faculty of Agriculture, University of Novi Sad, Serbia
Prof. dr Mohsen Boubaker, High Institute of Agronomy of Chott Meriem, Sousse, Tunisia
Prof. dr Ion Viorel, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
Prof. dr. Chuleemas Boonthai Iwai, Faculty of Agriculture, Khon Kaen University, Thailand
Prof. dr Wathuge T.P.S.K. Senarath, Department of Botany, University of Sri Jayewardenepura, Colombo, Sri Lanka
Dr. Hamada Abdelrahman, Soil Science Dept., Faculty of Agriculture, Cairo University, Egypt
Prof. dr Maya Ignatova, Director of the Institute of Animal Science- Kostinbrod, Bulgaria
Prof. dr Ioannis N. Xynias, School of Agricultural Technology & Food Technology and Nutrition, Western Macedonia University of Applied Sciences, Greece
PhD ing. Artur Rutkiewicz, Department of Forest Protection, Institute of Forest Sciences, Warsaw University of Life Sciences - SGGW, Poland
Prof. dr Mohammad Sadegh Allahyari, Islamic Azad University, Rasht Branch, Iran
Dr. Lalita Siri wattananon, Faculty of Agricultural Technology, Rajamangala University of Technology Thanyaburi (RMUTT), Thailand
Prof. dr Konstantin Korlyakov, Perm Agricultural Research Institute, Russia
Dr. Larysa Prysiazniuk, Ukrainian Institute for Plant Variety Examination, Kyiv, Ukraine
Prof. dr Oksana Kliachenko, National University of Life and Environmental Science of Ukraine, Ukraine
Dr. Abid Hussain, International Centre for Integrated Mountain Development (ICIMOD), Nepal
Dr. Amrita Ghatak, Gujarat Institute of Development Research (GIDR), India
Prof. dr Naser Sabaghnia, University of Maragheh, Iran
Dr. Karol Wajszczuk, Poznan University of Life Sciences, Poland
Prof. dr Penka Moneva, Institute of Animal Science - Kostinbrod, Bulgaria
Prof. dr Mostafa K. Nassar, Animal husbandry Dept., Faculty of Agriculture, Cairo University, Egypt
Prof. dr Andrzej Kowalski, Director of the Institute for Agricultural and Food Economy, Warszawa-Poland
Prof. dr Yalcin Kaya, The Director of the Plant Breeding Research Center, University of Trakya, Turkey
Prof. dr Sanja Radonjic, Biotechnical Faculty, University of Montenegro, Montenegro
Prof. dr Tonela Dobrin, Department for Plant Protection, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
Prof. dr Inocencio Buot Jr., Institute of Biological Sciences, College of Arts and Sciences, University of the Philippines Los Banos, Philippines
Prof. dr Monica Paula Marin, Department for Animal Husbandry, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
Prof. dr Nedeljka Nikolova, Institute for Animal Science, Ss. Cyril and Methodius University in Skopje, Republic of Macedonia

Prof. dr Mohammad Al-Mamun, Department of Animal Nutrition, Bangladesh Agricultural University, Bangladesh
Prof. dr Anucha Wittayakorn-Puripunpinyoo, School of Agriculture and Co-operatives, Sukhothai Thammathirat Open University, Nonthaburi, Thailand
Dr. Redouane Choukr-Allah, International Center for Biosaline Agriculture (ICBA), United Arab Emirates
Prof. dr Ignacio J. Diaz-Maroto, High School Polytechnic, University of Santiago de Compostela, Spain
Prof. dr Nidal Shaban, University of Forestry Sofia, Bulgaria
Prof. dr Mehdi Shafaghati, Faculty of Geography, Tarbiat Moalem (kharazmi) University, Iran
Prof. dr Youssif Sassine, Lebanese University Beirut, Lebanon
Prof. dr Cafer Topaloglu, Faculty of Tourism, Mugla Sitki Kocman University, Turkey
Prof. dr Seyed Hamidreza Sadeghi, Faculty of Natural Resources, Tarbiat Modares University, Iran
Prof. Zain Ul Abdin, Department of Entomology, University of Agriculture, Faisalabad, Pakistan
Prof. dr Mohsen Mohseni Saravi, University of Teheran and Member of WMSI Management Board, Iran
Prof. dr Branislav Draskovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr Mahmood Arabkhedri, Soil Conservation and Watershed Management Research Institute and Member of WMSI Management Board, Iran
Prof. dr Ataollah Kavian, Sari Agricultural Science and Natural Resources University and Member of WMSI Management Board, Iran
Prof. dr Tugay Ayasan, Department of Organic Farming Business Management, Osmaniye, Applied Science School of Kadirli, Osmaniye Korkut Ata University, Turkey
Prof. dr Sakine Özpınar, Department of Farm Machinery and Technologies Engineering, Faculty of Agriculture, Çanakkale Onsekiz Mart University, Çanakkale, Turkey
Prof. dr Sherein Saiede Abdelgayed, Faculty of Veterinary Medicine, Cairo University, Cairo, Egypt
Prof. dr Zohreh Mashak, Islamic Azad University, Karaj Branch, Iran
Dr. Khalid Azim, National Institute of Agriculture Research, Morocco
Dr. Mario Licata, Department of Agricultural, Food and Forest Sciences, University of Palermo, Italy
Prof. Fatiha Addyoubah, Moulay Ismail University, Morocco
Prof. dr Muhammad Ovais Omer, Faculty of Bio-Sciences, University of Veterinary & Animal Sciences, Lahore, Pakistan
Dr. Edouard Musabanganji, School of Economics/CBE, University of Rwanda, Rwanda
Prof. dr Kubilay Baştaş, Department of Plant Protection, Faculty of Agriculture, Selçuk University, Turkey
Dr. Branka Kresovic, Maize Research Institute "Zemun Polje", Serbia
Dr. Milan Stevanovic, Maize Research Institute "Zemun Polje", Serbia
Prof. Violeta Babic, Faculty of Forestry, University of Belgrade, Serbia
Dr. Svetlana Balesevic-Tubic, Institute of Field and Vegetable Crops Novi Sad, Serbia
Dr. Ana Marjanovic Jeromela, Institute of Field and Vegetable Crops Novi Sad, Serbia
Prof. dr Tatjana Krajisnik, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr Aleksandra Govedarica-Lucic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr Desimir Knezevic, University of Pristina, Faculty of Agriculture, Kosovska Mitrovica - Lesak, Kosovo i Metohija, Serbia
Dr. Snezana Mladenovic-Drinic, Maize Research Institute "Zemun Polje", Serbia
Prof. dr Nebojsa Momirovic, Faculty of Agriculture, University of Belgrade, Serbia
Prof. dr Osman Mujezinovic, Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina
Prof. dr Dalibor Ballian, Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina
Prof. dr Zoran Jovovic, Biotechnical Faculty, University of Montenegro, Montenegro
Prof. dr Danijel Jug, Faculty of Agriculture, University of Osijek, Croatia
Prof. dr Milan Markovic, Biotechnical Faculty, University of Montenegro, Montenegro
Prof. Mirjana Jovovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr Dejana Stanic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. Goran Marinkovic, Faculty of Technical Sciences, University of Novi Sad, Serbia
Dr Dejan Stojanovic, Institute of Lowland Forestry and Environment, Serbia
Dr Dobrivoj Postic, Institute for plant protection and environment, Belgrade, Serbia
Dr Srdjan Stojnic, Institute of Lowland Forestry and Environment, Serbia
Dunja Demirović Bajrami, Research Associate, Geographical Institute "Jovan Cvijić," Serbian Academy of Sciences and Arts, Belgrade, Serbia

ORGANIZING COMMITTEE

President: Prof. dr Vesna Milic, Dean of the Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. Dr Marko Gutalj, Vice rector of the University of East Sarajevo, Bosnia and Herzegovina
Prof. Dr Jelena Krunic, Vice rector of the University of East Sarajevo, Bosnia and Herzegovina
Dr. Maroun El Moujabber, Mediterranean Agronomic Institute of Bari, Italy
Dr. Milic Curovic, The journal "Agriculture and Forestry", Biotechnical Faculty Podgorica, University of Montenegro, Montenegro
Dr. Tatiana Lysak, International Relations Office, Voronezh State Agricultural University named after Peter The Great, Russia
Dr. Oksana Fotina, International Relations Center, Perm State Agro-Technological University, Russia
Prof. dr Fokion Papathanasiou, School of Agricultural Sciences, University of Western Macedonia, Greece
Dr Ana Marjanović Jeromela, Institute of Field and Vegetable Crops, Serbia
Prof. dr Engr. Teodora Popova, Institute of Animal Science - Kostinbrod, Bulgaria
Dr Daniela Spina, Department of Agriculture, Food and Environment, University of Catania, Italy

XVI International Scientific Agriculture Symposium "Agrosym 2025"
 agrosym.ues.rs.ba

Prof. dr Mehmet Musa Ozcan, Faculty of Agriculture, Selçuk University, Turkey
Prof. dr Arfan Yousaf, Arid Agricultural University, Rawalpindi, Pakistan
Dr. Abdulvahed Khaledi Darvishan, Faculty of Natural Resources, Tarbiat Modares University, Iran
Prof. dr Nikola Pacinovski, Institute for Animal Science, Ss. Cyril and Methodius University in Skopje, N. Macedonia
MSc. Erasmo Velázquez Cigarroa, Department of Rural Sociology, Chapingo Autonomous University, Mexico
Dr. Ecaterina Stefan, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
Dr. Jeeranuch Sakthamduang, The International Society of Environmental and Rural Development, Japan
Prof. Irfan Ozturk, Trakya Agriculture Research Institute in Edirne, Turkey
Dr. Raoudha Khanfir Ben Jenana, High Institute of Agronomy of Chott Meriem, Sousse, Tunisia
Dr. Romaric Kiswendsida Nanema, University Joseph Ki-Zerbo, Burkina Faso
Dr. Hamada Abdelrahman, Soil Science Dept., Faculty of Agriculture, Cairo University, Egypt
Prof. Dragana Sunjka, Faculty of Agriculture, University of Novi Sad, Serbia
MSc. Aleksandra Susnjar, Faculty of Agriculture, University of Novi Sad, Serbia
MSc. Dragana Boskovic, Faculty of Agriculture, University of Novi Sad, Serbia
Dr. Antonije Zunic, Faculty of Agriculture, University of Novi Sad, Serbia
Dr. Vedran Tomic, Institute for Science Application in Agriculture, Serbia
MSc. Vojin Cvijanovic, Institute for Science Application in Agriculture, Serbia
MSc. Mladen Petrovic, Institute of Agricultural Economics, Serbia
Dr. Milan Stevanovic, Maize Research Institute "Zemun Polje", Serbia
Dr. Andrej Pilipovic, Institute of Lowland Forestry and Environment, Serbia
Dr. Sc. Morteza Behzadfar, Tarbiat Modares University, Tehran, Iran
Dr. Larysa Prysiazniuk, Ukrainian Institute for Plant Variety Examination, Kyiv, Ukraine
Doc. dr Sead Ivojevic, Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina
Dr. Nenad Markovic, Enterprise E. N. (EEN) Coordinator, University of East Sarajevo, Bosnia and Herzegovina
Domagoj Group, SEASN - South Eastern Advisory Service Network, Croatia
Dr. Milan Ninkovic, Scientific Institute of Veterinary Medicine of Serbia
Prof. dr Zeljko Lakic, Agricultural Institute of Republic of Srpska - Banja Luka, Bosnia and Herzegovina
Dr. Milan Jugovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr Dejana Stanic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Milena Stankovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr. Stefan Stjepanovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
MSc. Stefan Bojic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Tanja Jakisic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Boban Miletic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Nedeljka Elez, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
MSc. Selena Kovacevic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Branka Govedarica, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Igor Djurdjic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina, **General Secretary**

Thursday, October 2nd, 2025
Conference Hall Vucko

08:00 - 18:00 - REGISTRATION

14:00 - 15:00 - SYMPOSIUM OPENING CEREMONY

Representative of the Ministry of Agriculture, Forestry and Water Management of Republic of Srpska
Representative of the Ministry of Scientific - Technological Development, Higher Education and Information Society of Republic of Srpska
Prof. dr Milan Kulic - Rector of the University of East Sarajevo
Dr Hamid El Bilali - President of the Scientific Committee
Prof. dr Vesna Milic - President of the Organizing Committee
Mr. Ljubisa Cosic - Mayor of the City of East Sarajevo

15:00 - 16:00 - COCKTAIL

16:00 - 17:30 KEYNOTE PAPERS

Working committee

Chairpersons: Hamid El BILALI, Velibor SPALEVIC, Carmelo RAPISARDA

16:00 - 16:20 - INTEGRATED PLANT PEST AND DISEASE MANAGEMENT: SUSTAINABILITY CHALLENGES, ACHIEVEMENTS, AND PERSPECTIVES, Carmelo RAPISARDA

16:20 - 16:40 - NEW APPROACHES TO ASSESS EROSION INTENSITY AND RUNOFF APPLIED IN SOUTH AMERICA, AFRICA, EUROPE AND ASIA, Velibor SPALEVIC

16:40 - 17:00 - DIGITAL TECHNOLOGIES AND TOOLS IN AGRICULTURE AND FOOD SYSTEMS: SUSTAINABILITY BENEFITS AND ADOPTION CHALLENGES, Hamid EL BILALI

17:00 - 17:30 - DISCUSSION

18:00 - 19:00 - CONCERT OF TRADITIONAL MUSIC (Hotel Vucko)

20:00 - DINNER AT HOTEL AND ENTERTAINMENT EVENING (Live music in hotel Vucko)



Friday, October 3rd, 2025
Conference Hall E (Hotel Vucko)

PLANT PRODUCTION

09:00 - 18:00 - **REGISTRATION**

09:00 - 18:30 - **WORKING SESSIONS**

Working committee

Chairperson: Theano LAZARIDOU, Bosko GAJIC

09:00 - 09:10 **USING GPS AND GIS IN PRECISION AGRICULTURE OPTIMIZATION IN A HUNGAIAN FARM**, Ahmed EL SHAL, Péter RICZU, János TAMÁS

09:10 - 09:20 **EFFECT OF Zn AND NITROGEN FERTILIZATION LEVELS ON YIELD AND QUALITY TRAITS OF MALTING BARLEY**, Loukas Orfeas LOUKAKIS, Eleftheria GAROUFALI, Theoni KARAVITI, Vasileios KOTOULAS, Kyriakos GIANNOULIS, Garyfalia ECONOMOU

09:20 - 09:30 **CLASSIFICATION OF COMBINED STRESSES IN AUBERGINE (SOLANUM MELONGENA L.) USING MACHINE LEARNING AND HYPERSPECTRAL IMAGING**, Maria BEMPI, Aris KYPARISSIS

09:30 - 09:40 **SHORT-TERM AND LONG-TERM EFFECTS OF FIELD TRAFFIC-INDUCED SOIL COMPACTION UNDER PANNONIAN CONDITIONS**, Gerhard MOITZI, Paul RIEDL, Thomas WENINGER, Gernot BODNER, Pia EUTENEUER, Helmut WAGENTRISTL

09:40 - 09:50 **OVERVIEW OF A RESEARCH PROGRAM ON A NEGLECTED AND UNDERUTILIZED SPECIES: CASE OF SOLENOSTEMON ROTUNDIFOLIUS IN BURKINA FASO**, Romaric Kiswendsida NANEMA, Aminata Hamidou BA, Alphonse SAWADO, Ignace TONDE, Leila ZEKRAOUI, Zakaria KIEBRE, Hamid EL BILALI, Francis KUSI, Yves VIGOUROUX, Jean-Didier ZONGO

09:50 - 10:00 **DISTRIBUTION OF RHT, PPD AND VRN GENES IN CROATIAN WHEAT VARIETIES**, Sunčica KUJUNDŽIĆ, Vedran ORKIĆ, Sonja PETROVIĆ, Andrijana REBEKIĆ, Sonja VILA

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairpersons: Zeljko DOLIJANOVIC, Aleksandra GOVEDARICA-LUCIC

10:30 - 10:40 **EFFECT OF SEAWEED BIOSTIMULANT ON YIELD AND QUALITY OF MALTING BARLEY CROP UNDER MEDITERRANEAN CONDITIONS**, Theoni KARAVITI, Loukas Orfeas LOUKAKIS, Ioannis SKLIROS, Eleftheria GAROUFALI, Kyriakos D. GIANNOULIS, Garifalia ECONOMOU

10:40 - 10:50 **LOW-YIELDING ANCESTRAL EMMER WHEATS AS SUSTAINABLE RESILIENT FOOD SUPPLY RESOURCES: EVIDENCE FROM LOW NUTRIENTS DEMAND, SUPERIOR QUALITY, AND HIGH STRESS RESISTANCE**, Parviz Ehsanzadeh, S. Fathollahi, M. Vaghar, Z. Abdehpour, S. Feizabadi, H. Karimmojeny, J. Razmjoo

10:50 - 11:00 **DIFFERENTIAL RESPONSES OF "TRADITIONAL" AND "MODERN" WHEAT CULTIVARS TO BIOCHAR APPLICATION UNDER DROUGHT STRESS**, Tahreem AHMED, Ilva LICAJ, Mariapina ROCCO

11:00 - 11:10 **BIODEGRADABLE MULCHING FILMS: IMPROVE YIELD AND QUALITY OF PROCESSING TOMATOES GROWN IN HOT- ARID ENVIRONMENTS**, Nicolò IACUZZI, Noemi TORTORICI, Teresa TUTTOLOMONDO

11:10 - 11:20 **MOLECULAR CHARACTERIZATION OF JORDANIAN SALT BUSH (ATRIPLEX SPP) ACCESSIONS USING INTER SIMPLE SEQUENCE REPEATS MARKERS**, Mohammad BRAKE, Monther T. SADDER

11:20 - 11:30 ASSESSMENT OF DROUGHT IMPACT ON TRITICALE (X TRITICOSECALE WITTMAK) YIELD ACROSS VARIOUS ENVIRONMENTS, Zakaria AL AJLOUNI

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

Working committee

Chairperson: Zeljko DOLIJANOVIC, Mirjana JOVOVIC

12:00 - 12:10 SELENIUM NANOPARTICLES ENHANCE SESAME'S BIOTIC STRESS TOLERANCE AND OIL BIOACTIVES IN A CHANGING CLIMATE, Ilyas AHMAD, Zohaib YOUNAS, Naveed Iqbal RAJA, Zia-ur-Rehman MASHWANI

12:10 - 12:20 AEROPONICS: NOVEL TECHNOLOGY FOR THE PRODUCTION OF PRE-BASIC SEED POTATO, Ivana MOMČILOVIC, Zoran BROČIĆ

12:20 - 12:30 IMPACT OF SPECTRAL SENSING APPROACH ON WINTER WHEAT YIELD PREDICTION, Marko KOSTIĆ, Vladimir AČIN, Milan MIROSAVLJEVIĆ, Zoran STAMENKOVIC, Krstan KEŠELJ, Nataša LJUBIČIĆ, Danijela BURSAC KOVAČEVIĆ

12:30 - 12:40 SOIL ORGANIC CARBON VARIABILITY IN BULGARIAN SOILS, Kristijan PANAYOTOV, Matthew Tom HARRISON

12:40 - 12:50 QUALITY PROPERTIES OF WHEAT BREAD, Desimir KNEŽEVIĆ, Vesna DJUROVIĆ, Mirela MATKOVIĆ STOJŠIN, Dragan GRČAK, Milosav GRČAK, Dušan UROŠEVIĆ, Sarina REZAEI SHOJAEI, Simin HAGH-NAZARI

12:50 -13:00 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairpersons: Desimir KNEZEVIC

15:30 - 15:40 YIELD AND AGRO-PHYSIOLOGICAL PARAMETERS IN BREAD WHEAT GENOTYPES UNDER RAINFED CONDITIONS, İrfan ÖZTÜRK, Remzi AVCI, Turhan KAHRAMAN, Adnan TÜLEK, Banu TÜLEK

15:40 - 15:50 RELATIONSHIPS BETWEEN YIELD AND YIELD TRAITS IN WHEAT UNDER DIFFERENT DROUGHT APPLICATIONS, İsmet BAŞER, Alpay BALKAN, Oğuz BILGIN, Damla BALABAN GÖÇMEN, Kamil ÖZCAN

15:50 - 16:00 ADAPTABILITY AND STABILITY OF BREAD WHEAT ELITE LINES BY GGE BILOT, Damla BALABAN GÖÇMEN, Oğuz BILGIN, Alpay BALKAN, İsmet BAŞER

16:00 - 16:10 ASSESSMENT OF GROWTH AND YIELD PERFORMANCE OF DRY BEAN UNDER VARYING IRRIGATION WATER LEVELS USING A MOBILE DRIP IRRIGATION SYSTEM, Yavuz Fatih FİDANTEMİZ, Yusuf Ersoy YILDIRIM, İsmail TAŞ, Demet UYGAN, Özgür ATEŞ, Oğuz ÖNDER, Erdiç SAVAŞLI, Fatih KIZILASLAN

16:10 - 16:20 IRRIGATION AND MYCORRHIZAL APPLICATION CAN IMPROVE THE SUSTAINABILITY OF COTTON CROPS, Noemi TORTORICI, Teresa TUTTOLOMONDO, Nicolò IACUZZI

16:20 - 16:30 DETERMINATION OF YIELD AND YIELD COMPONENTS OF SOME SALSOLA AND SUAEDA SPECIES ACCORDING TO PHENOLOGICAL PERIODS, Bilal KESKİN, Süleyman TEMEL, Ali İhsan ATALAY, Faruk TOHUMCU, Seda AKBAY TOHUMCU

16:30 - 16:40 TARGETED MUTAGENESIS IN DIFFERENT COTTON CULTIVARS (GOSSYPIUM HIRSUTUM L.) TO IMPROVE FIBER QUALITY THROUGH CRISPR-BASED GENOME ENGINEERING, Cihan TAŞTAN, Dilara ÜLKER, Buse KAPTAN TEKİN, Naz Ceren ÜNAL, Beyza AYDIN

16:40 - 16:50 EFFECTS OF ABIOTIC STRESS CONDITIONS ON GENE EXPRESSION IN SOLANACEAE SPECIES, Akife DALDA-SEKERCI, Hande Seda ÖZDAL

16:50 - 17:10 DISCUSSION

17:10 - 17:20 PAUSE

Working committee

Chairperson: Mohammad BRAKE

17:20 - 17:30 **SUMMER PRUNING AGAINST ACROTONY IN SWEET CHERRY**, Maria Paula SIMOES, Abel VELOSO, Anabela BARATEIRO, Cristina RAMOS, Paulo PARENTE, Francisco VIEIRA, Paulo SILVINO, Cristina CANAVARRO

17:30 - 17:40 **CHEMICAL PROPERTIES AND POSTHARVEST QUALITY OF THREE KIWI FRUIT CULTIVARS: HAYWARD, RED-FLESHED, AND GOLDEN**, Shahram SEDAGHATHOOR, Hakimeh MOGHADARI, Sajedeh RAMAZANNEJAD, Malek GHASEMI

17:40 - 17:50 **POPULATION GENETIC STRUCTURE OF HISTORIC OLIVES (OLEA EUROPAEA SUBSP. EUROPAEA) FROM JORDAN**, Monther M. SADDER, Nawal ALSAKARNEH

17:50 - 18:00 **PLASTIC COVER HIGH TUNNEL SYSTEM IN SWEET CHERRY**, Filipe GOMES, Cristina CANAVARRO, Isabel CASTANHEIRA, Abel VELOSO, Francisco VIEIRA, Paulo SILVINO, Maria Paula SIMOES

18:00 - 18:10 **OPTIMIZATION OF SURFACE STERILIZATION FOR AFRICAN VIOLET (*Saintpaulia ionantha*) IN TISSUE CULTURE**, Akife DALDA-SEKERCI, Fatma BULUT-TOPBAS, Hande Seda ÖZDAL

18:10 - 18:20 DISCUSSION

18:20 - 18:30 PAUSE

18:30 - 19:00 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

PLANT PROTECTION AND FOOD SAFETY

09:00 - 18:00 - REGISTRATION

09:00 - 18:30 - WORKING SESSIONS

Working committee

Chairperson: Carmelo RAPISARDA, Dejana STANIC

09:00 - 09:10 **EFFECT OF WARIONIA SAHARAE EXTRACTS ON THE TWO-SPOTTED MITE TETRANYCHUS URTICAE KOCH. (ACARI: TETRANYCHIDAE)**, Redouan QESSAOUI, Salahddine CHAFIKI, Abdelmalk MAHROUG, Soumaya EL ASSRI, Abdelhadi AJERRAR, Hasna ELHJOUJI, Rachid BOUHARROUD

09:10 - 09:20 **UNDERSTANDING AND MANAGING BLUEBERRY VIRUSES: THREATS TO A VALUABLE CROP**, Yağmur TÜRKMEN

09:20 - 09:30 **CHARACTERIZATION OF FUSARIUM SPECIES CAUSING WILT DISEASE IN CHICKPEA (CICER ARIETINUM L.) IN ALGERIA**, Ibrahim SEKKAL, Djamel MAHIOUT

09:30 - 09:40 **PHYTOPLASMA DISEASES AND THEIR INSECT VECTORS IN FRUIT ORCHARDS IN LUXEMBOURG**, Carmelo RAPISARDA, Matteo RIPAMONTI, Imen KHARRAT-JARBOUI, Alexander WEIGAND

09:40 - 09:50 **BIOLOGICAL CONTROL OF PYTHIUM DAMPING-OFF USING ANTAGONISTIC RHIZOBACTERIA**, Redouan QESSAOUI, Salahddine CHAFIKI, Abdelmalk MAHROUG, Soumaya EL ASSRI, Abderrahim FIRAOUNI, Abdelhadi AJERRAR, Saïda ER-RADY, Rachid BOUHARROUD

09:50 - 10:00 **ACHYRANTHES ASPERA ADDITION MITIGATED STRESS CAUSED BY FUSARIUM IN CHILI PLANTS BY MODULATING PHYSIOLOGICAL FUNCTIONS**, Muhammad AKBAR, Hafiz Muhammad WAQAS, Tayyaba KHALIL

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairpersons: Muhammad AKBAR, Dejana STANIC

10:30 - 10:40 **NEW INSIGHTS INTO THE GENETIC DIVERSITY OF ALTERNARIA**, Gunita BIMSTEINE, Biruta BANKINA, Jānis KANEPS, Lilija DUČKENA

10:40 - 10:50 **GUARANTEED PRICES FOR RICE IN MEXICO: A TOOL FOR AGRICULTURAL STABILITY AND FOOD SOVEREIGNTY**, Sergio Roberto MARQUEZ-BERBER, Patricia CORDERO-CORTES, Gustavo ALMAGUER-VARGAS, Alma Velia AYALA-GARAY, Diana América REYNA-IZAGUIRRE, Abdul Khalil GARDEZI

10:50 - 11:00 **EFFECT OF SILICON ON CUCUMBER GROWTH UNDER DROUGHT AND WELL-WATERED CONDITIONS**, Anja MAVRIĆ ČERMELJ, Aleksandra GOLOB, Mateja GERM

11:00 - 11:10 **OZONE TREATMENT IN WHEAT: A STRATEGY TO MODIFY TECHNOLOGICAL AND SENSORY PROPERTIES OF FLOUR AND BREAD**, Cagla KAYISOGLU, Seci UZEL

11:10 - 11:20 **VALORIZATION OF ESSENTIAL OIL EXTRACTION BY-PRODUCTS FROM TWO MEDICINAL AND AROMATIC PLANTS FOR ANTIFUNGAL ACTIVITY**, Salahddine CHAFIKI, Redouan QESSAOUI, Soumaya EL ASSRI, Abdelmalek MAHROUG, Hasna LAHCIMI, Abdallah OUKARROUM, Mohamed ALOUANI, Hicham EL ARROUSI, Rachid SABBAAHI, Rachid BOUHARROUD

11:20 - 11:30 **EXTRACTION METHODS USED IN OBTAINING PHYTOMELATONIN-RICH EXTRACTS FROM CITRUS SPECIES** Özgül GERÇEKER, Sevcen ÜNLÜTÜRK, Tolga Akcan, Şelale Öncü GALUE

- 11:30 - 11:40** **USE OF HALOCHROMIC SYSTEMS IN INTELLIGENT FOOD PACKAGING**, Ozlem Kizilirmak ESMER, Sevgi CAY
- 11:40 - 11:50** **SPATIAL DISTRIBUTION OF ROOT-KNOT NEMATODES (MELOIDOGYNE SPP.) AND SOYBEAN CYST NEMATODES (HETERODERA GLYCINES), AND THEIR IMPACT ON CORN AND SOYBEAN PRODUCTION**, Olêncio Álvaro ASSANE SALEMA, Manuel ISMAEL MARTINS, Gina Amélia ALBINO SITOÉ
- 11:50 - 12:10** DISCUSSION
- 12:10 - 12:20** PAUSE
- 12:20 - 12:50** POSTER SESSION
- 13:00 - 14:00** Mountain cable car ride
- 14:00 - 15:30** Lunch break
- 20:00** Gala dinner (live music and tasting of traditional and typical products)

Friday, October 3rd, 2025
Conference Hall C (Hotel Vucko)

ORGANIC AGRICULTURE AND AGROECOLOGY

- 09:00 - 18:00** - REGISTRATION
15:30 - 18:30 - WORKING SESSIONS

Working committee

Chairperson: Zeljko DOLIJANOVIC, Bilal Saeed KHAN

- 15:30 - 15:40** **NEGLECTED AND UNDERUTILIZED CROP SPECIES (NUS) AND AGROECOLOGY IN WEST AFRICA**, Hamid EL BILALI, Generosa J. CALABRESE, Susanna ROKKA, Fanta Reine Sheirita TIETIAMBOU, Iro DAN GUIMBO, Lawali DAMBO, Jacques NANEMA, Filippo ACASTO, Andrea VERONELLI
- 15:40 - 15:50** **CHEMICAL COMPOSITION OF LEAVES FROM FIVE *Vitis vinifera* L. CULTIVARS**, Ladislav VASIŠIŠIN, Goran VUČIĆ, Srđan LJUBOJEVIĆ, Nataša LAKIĆ-KARALIĆ, Staniša LATINVIĆ
- 15:50 - 16:00** **DEVELOPMENT OF BIOPESTICIDES AND BIOSTIMULANTS, DERIVED FROM AROMATIC PLANTS, FOR THE ORGANIC CULTIVATION OF TOMATO**, Elisa MALAGOLI, Gianluigi GIANNELLI, Francesca DEGOLA, Mariolina GULLI
- 16:00 - 16:10** **IMPACT OF SUCCESSIONAL AGROFORESTRY SYSTEMS ON SOIL BIOLOGY IN THE MEDITERRANEAN**, Pedro R. SOARES, Carla S. S. FERREIRA, Lyudmyla SYMOCHKO, Patrícia SANTOS, Coen RITSEMA, Luuk FLESKENS
- 16:10 - 16:20** **ADAPTIVE MORPHOTYPES IN FARMER-MAINTAINED BLACK AMARANTH FROM NIGER: A BUFFER AGAINST CLIMATIC UNCERTAINTY**, Abdel Kader NAINO JIKA, Leyla ALHOUSSEINI MOUSSA, Aminou BANOUFE
- 16:20 - 16:30** **IMPACT OF SOME EDAPHIC AND ECOLOGICAL FACTORS ON THE BIODIVERSITY OF SOIL FAUNA FROM VEGETABLE FIELDS**, Bilal Saeed KHAN, Faiza RAFIQUE, Muhammad Aneeb SHAHZAD
- 16:30 - 16:45** DISCUSSION
- 16:45 - 17:00** PAUSE

Working committee

Chairperson: Bilal Saeed KHAN, Srđan LJUBOJEVIĆ

- 17:00 - 17:10** **CITIZEN SCIENCE INSIGHTS INTO DECOMPOSITION ACROSS FARMS USING TEA BAGS AND COTTON FABRIC**, Dušanka VUJANOVIĆ, Andrijana ANDRIĆ, Jelena JOVIĆ, Kristina KALKAN, Nataša LJUBIČIĆ, Ljiljana ŠASIĆ ZORIĆ, Aleksandar IVEZIC, Tijana BAROŠEVIC
- 17:10 - 17:20** **ENHANCING SALINITY TOLERANCE IN TOMATO (*SOLANUM LYCOPERSICUM* L.) THROUGH ORGANIC AMENDMENTS APPLICATION: EFFECTS ON GROWTH, PHYSIOLOGICAL, AND BIOCHEMICAL PARAMETERS**, Samra AKEF BZIOUECH, Bouthaina AL MOHANDÉS DRIDI
- 17:20 - 17:30** **ERGONOMIC RISK ASSESSMENT AND REBA-BASED ANALYSIS OF WORKING POSTURES DURING HARVESTING IN VERTICAL AQUAPONICS SYSTEMS**, Arda BEKCAN, Süleyman BEKCAN, Ramazan ÖZTÜRK
- 17:30 - 17:40** **RHIZOBIUM-MYCORRHIZA INOCULATION IMPROVING GROWTH AND YIELD OF BAMBARA GROUNDNUT (*VIGNA SUBTERRANEA*) IN BENIN**, Charlotte ZOUNDJI, Ibouiraïman BALOGOUN, Pascal GBENOU, Tobi Moriaque AKPLO, Félix KOUELO ALLADASSI, Appolinaire ADANDONON
- 17:40 - 17:50** DISCUSSION
- 17:50 - 18:00** PAUSE
- 18:00 - 18:30** POSTER SESSION
- 20:00** Gala dinner (live music and tasting of traditional and typical products)

XVI International Scientific Agriculture Symposium "Agrosym 2025"
agrosym.ues.rs.ba

ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT 1

09:00 - 18:00 - REGISTRATION

08:30 - 19:00 - WORKING SESSIONS

Working committee

Chairperson: Velibor SPALEVIC, Natasa CERKOVIC

09:00 - 09:10 **URBAN PRESSURE ON DRINKING WATER BASINS: A LAND USE PERSPECTIVE FROM THE ÖMERLİ WATERSHED**, Betül UYGUR ERDOĞAN, Reyhan SAĞLAM

09:10 - 09:20 **FOOD EXCESS INTAKE AS A FORM OF WASTE: CHALLENGES FOR NUTRITIONAL SECURITY AND FOOD POLICY IN PERU**, Noelia S. BEDOYA-PERALES, Eduardo BOTTI ABBADÉ, Guilherme PUMI

09:20 - 09:30 **PARASITES OF THE RUFFE GYMNOCEPHALUS CERNUUS IN THE KAMA RESERVOIR**, Olga LAZAREVA, Tatiana SIVKOVA, Igor MERZLYAKOV, Lidiya MERZLYAKOVA, Semyon KAZARINOV, Pavel MIKHEEV

09:30 - 09:40 **CULTURAL LANDSCAPES OF THE BIOSPHERE RESERVE "OS ANCARES LUCENSES E MONTES DE CERVANTES, NAVIA E BECERREÁ"**, Ignacio J. DÍAZ-MAROTO

09:40 - 09:50 **HOW DO CULTURAL ECOSYSTEM SERVICES IN MOUNTAIN AREAS CONTRIBUTE TO THE WELL-BEING OF LOCAL COMMUNITIES?**, Ignacio J. DÍAZ-MAROTO

09:50 - 10:00 **DEVELOPMENT OF COST-EFFECTIVE AND ECO-FRIENDLY BIO-PISCICIDE USING SEEDS OF CATUNAREGAM SPINOSA**, Prasanthi K. LAWRENCE, Sandun K. SENARATH, Sugandhika SURESH, Menaka D. HAPUGODA

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairperson: Velibor SPALEVIC

10:30 - 10:40 **POTENTIAL ROLES OF MELATONIN AND ITS METABOLITES IN REDUCING HEAVY METAL TOXICITY IN VEGETABLES**, Aygül KARACA

10:40 - 10:50 **PRESERVING THE FOREST, AN ISSUE OF SUSTAINABILITY CASE OF MOROCCO**, Jilali BENDRISS

10:50 - 11:00 **IMPACTS OF AGRICULTURAL WATER USE AND SEASONAL DROUGHT ON WATER RESOURCES: A CASE STUDY OF KESKIN DAM, TURKIYE**, Eray HARMAN

11:00 - 11:10 **CULTURAL ECOSYSTEM SERVICES IN NATIONAL AND NATURE PARKS OF TÜRKİYE: A BIBLIOMETRIC REVIEW (2000–2024)**, Gizem ŞAHİN, Betül UYGUR ERDOĞAN

11:10 - 11:20 **NATURAL SOIL CONDITIONING WITH SALVIA SPINOSA SEED MUCILAGE: ENHANCING WATER RETENTION AND AGGREGATION IN SANDY SOILS**, Ammar ALBALASMEH, Areen ASHOUR, Mamoun GHARAIBEH

11:20 - 11:30 **NITRATE NITROGEN AND NITRATE REDUCTASE ACTIVITY REGIME IN SOILS OF AGROCENOSES OF THE DONETSK PEOPLE'S REPUBLIC**, Andrey BEREZOVSKIY, Dmitry SYSHCHYKOV, Irina AGUROVA

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

Working committee

Chairpersons: Velibor SPALEVIC

12:00 - 12:10 **IRRIGATION MANAGEMENT IMPROVEMENTS FOR FRUIT PRODUCTION IN BOSNIA AND HERZEGOVINA**, Nataša ČEREKOVIĆ, Sretenka SRDIĆ, Mladen TODOROVIC

12:10 - 12:20 **ENVIRONMENTAL CONSIDERATIONS IN OFFSHORE FRESHENED GROUNDWATER UTILIZATION**, Nataša ČEREKOVIĆ, Elizabeth QUIROGA JORDAN, Hamid ABDALLA HAMID

12:20 - 12:30 **GROUNDWATER QUALITY ASSESSMENT IN SOUTHEASTERN MOROCCO USING SEQ-EAU AND WQI: CASE OF THE ZIZ AND RHERIS BASINS**, Anass OIHRIME, Ismail HILAL, Bouchra BOUGARIANE, LAHCEN BENAABIDATE, Mourad AQNOUY

12:30 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairpersons: Natasa CERKOVIC

15:30 - 15:40 **HISTORICAL SHARK EXPLOITATION AND CONTEMPORARY CONSERVATION EFFORTS IN THE TURKISH SEAS**, Ertan TASKAVAK, Halit FILIZ

15:40 - 15:50 **MODELLING HYDROLOGICAL PROCESSES AT BURDUR LAKE BASIN (TURKEY) WITH SWAT**, Mehmet SOYLU, Meltem KACIKOC, Filiz DADASER-CELİK

15:50 - 16:00 **AN INTEGRATED ASSESSMENT OF WATER QUALITY IN THE RIVA (ÇAYAĞZI) STREAM USING MULTIVARIATE STATISTICAL AND SPATIAL APPROACHES**, Reyhan SAĞLAM, Ferhat GÖKBULAK

16:00 - 16:10 **A SOLUTION TO CLIMATE CHANGE AND WATER SCARCITY: STUDIES ON RAINWATER HARVESTING IN TURKEY**, Yoldaş EKTİREN

16:10 - 16:20 **IMPROVING WATER EFFICIENCY IN AGRICULTURE: A DEFICIT IRRIGATION APPROACH FOR TURKEY**, Yoldaş EKTİREN

16:20 - 16:40 DISCUSSION

16:40 - 17:00 PAUSE

Working committee

Chairpersons: Natasa CERKOVIC

17:00 - 17:10 **GERMPLASM COLLECTIONS OF NEGLECTED AND UNDERUTILIZED SPECIES AS RESEARCH AND CONSERVATION PLATFORMS FOR THEIR VALORIZATION**, Zakaria KIEBRE, Mariam KIEBRE, Romaric Kiswendsida NANEMA, Fanta Sheirita Reine TIETIAMBOU, Veli-Matti ROKKA, Hamid EL BILALI, Filippo ACASTO, Jacques NANEMA

17:10 - 17:20 **ESTABLISHMENT OF A VEGETABLE MELON GERMPLASM COLLECTION FROM SALENTO (SOUTHERN ITALY) INFORMED WITH WHOLE-GENOME SEQUENCE AND PHENOTYPIC DATA**, Marzia GUERRIERO, Francesco ARCIERI, Chiara DELVENTO, Gaetano GIUDICE, Marco Santo CANNARELLA, Luigi RICCIARDI, Concetta LOTTI, Stefano PAVAN

17:20 - 17:30 **A MULTIDISCIPLINARY APPROACH TO THE CONSERVATION AND VALORISATION OF CROATIAN OLIVE GERMPLASM**, Natalia SGARAMELLA, Mira RADUNIC, Cinzia MONTEMURRO, Maja JUKIC SPIKA

17:30 - 17:40 **GENETIC PARAMETERS OF POPULATIONS OF *Impatiens parviflora* DC. AND FEATURES OF THEIR ABIOTIC, AND BIOTIC ENVIRONMENT**, Eugenija KUPCINSKIENE, Lina JOCIENE, Kriste STRAVINSKAITE, Edvina KROKAITE, Rasa JANULIONIENE, Algimantas PAULAUSKAS, Tomas REKASIUS, Vitas MAROZAS

17:40 - 17:50 **GEOGRAPHICALLY WEIGHTED REGRESSION BASED APPROACHES FOR ENHANCING PRECIPITATION ESTIMATION IN AGROECOSYSTEMS**, Filiz DADASER-CELİK, Mete CELİK, Ali Ümran KÖMÜŞCÜ

17:50 - 18:00 DISCUSSION

18:00 - 18:10 PAUSE

18:10 - 18:40 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT 2

09:00 - 18:00 - REGISTRATION

08:30 - 19:00 - WORKING SESSIONS

Working committee

Chairperson: Branislav DRASKOVIC, Malik Fiaz Hussain FERDOSI

09:00 - 09:10 **AN ANALYSIS OF THE SOCIO-ECONOMIC CHARACTERISTICS OF PADDY FARMS IN TURKEY**, Sema Ezgi YÜCEER, Sibel TAN

09:10 - 09:20 **EXPANSION OF IRRIGATED AGRICULTURE IN ARID AREAS: A GROWING THREAT TO HYDROAGROSYSTEMS SUSTAINABILITY**, Younes FAKIR, Michel LE PAGE, Hamza OUATIKI, Houssne BOUIMOUASS, Lahcen BENAABIDATE, Abdelghani CHEHBOUNTI

09:20 - 09:30 **IMPERVIOUSNESS DENSITY OF LAND IN BOSNIA AND HERZEGOVINA**, Branislav DRAŠKOVIĆ, Ljiljana TANASIĆ, Milan GLIŠIĆ

09:30 - 09:40 **PRELIMINARY ASSESSMENT OF WATER QUALITY IN EĞİRDİR LAKE BASED ON FIELD MONITORING**, Meltem KACIKOC, Eda BOYACIOĞLU, Filiz DADASER-CELİK

09:40 - 09:50 **VEGETABLE SPECIES IN TRADITIONAL PHYTOTHERAPY: A CASE OF RURAL COMMUNE OF ERRISSANI (MOROCCO)**, Maria EL ANSARI, Mariame NAJEM, Khalid BOURAADA, Jamal IBIBIJEN, Laila NASSIRI

09:50 - 10:00 **EFFICACY OF VARIOUS HOMEMADE AND SYNTHETIC SOLUTIONS IN IMPROVING POSTHARVEST PERFORMANCE OF CUT TUBEROSE (POLIANTHES TUBEROSE L.)**, Malik F. H. FERDOSI, Muhammad Babar RASHID

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairperson: Branislav DRASKOVIC, Malik Fiaz Hussain FERDOSI

10:30 - 10:40 **ONE-POT LACTIC ACID PRODUCTION USING SUBCRITICAL WATER AS A SUSTAINABLE APPROACH IN THE VALORIZATION OF CORN STOVER**, Alba E. ILLERA, Helena CANDELA, Pedro BAREA, Sagrario BELTRÁN, M. Teresa SANZ

10:40 - 10:50 **SUSTAINABLE PRODUCTION OF LACTIC ACID FROM CORN STOVER USING CATALYTIC HYDROTHERMAL TREATMENTS: A COMPARATIVE STUDY OF ALKALINE AND LEWIS ACID CATALYSIS**, Helena CANDELA, Alba E. ILLERA, Pedro BAREA, Sagrario BELTRÁN, M. Teresa SANZ

10:50 - 11:00 **NATURAL DEEP EUTECTIC SOLVENTS AS GREEN PRETREATMENT AGENTS IN THE BIOCASCADE PROCESSING OF ONION PEEL WASTE**, Óscar BENITO-ROMAN, Helena CANDELA, Pedro BAREA, Alba E. ILLERA, Rodrigo MELGOSA, Sagrario BELTRÁN, María Teresa SANZ

11:00 - 11:10 **VALORIZATION OF OKARA INTO PROTEINS AND FERMENTABLE SUGARS THROUGH REDUCED-PRESSURE ALKALINE PRETREATMENT**, Pedro BAREA, María Teresa SANZ, Alba E. ILLERA, Helena CANDELA, Sarah S. QUEIROZ, Camilo CABRERA, Solange I. MUSSATTO

11:10 - 11:20 **THE USE OF SEAWEED EXTRACTS TO MITIGATE ABIOTIC STRESSES IN VEGETABLES**, Aygül KARACA, Nusret ÖZBAY

11:20 - 11:30 **COMPARISON OF OBJECT-BASED CLASSIFICATION ALGORITHMS USING HIGH-RESOLUTION REMOTE SENSING DATA**, Burcu KURTOĞLU ERKMEN

11:30 - 11:40 **GEOGRAPHICALLY WEIGHTED REGRESSION BASED APPROACHES FOR ENHANCING PRECIPITATION ESTIMATION IN AGROECOSYSTEMS,** Filiz DADASER-CELİK, Mete CELİK, Ali Ümran KÖMÜŞCÜ

11:40 - 11:50 **GEOSTATISTICAL ANALYSIS OF THE EFFECTS OF SOIL COMPACTION ON PLANT COMPOSITION IN A SEMI-ARID RANGELAND,** Ülkü YILMAZ

11:50 - 12:10 DISCUSSION

12:10 - 12:20 PAUSE

18:10 - 18:40 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Friday, October 3rd, 2025
Conference Hall D (Hotel Vucko)

ANIMAL HUSBANDRY

09:00 - 18:00 - **REGISTRATION**

09:00 - 18:30 - **WORKING SESSIONS**

Working committee

Chairperson: Sasho SABEV, Tumen WULIJI, Tatjana KRAJISNIK

09:00 - 09:10 **STUDY OF THE EFFECT OF ANTIBIOTICS AND PROBIOTICS ON SPERM QUALITY IN VITRO USING AN AUTOMATED SEMEN ANALYSIS SYSTEM**, Ammar KALEM, Adel DJALLEL, Karima HADJ OMAR, Nacira DAOUDI ZERROUKI, Rabah KELANMER

09:10 - 09:20 **EFFECT OF GLYCEROL SUPPLEMENTATION ON BLOOD CONCENTRATIONS OF INSULIN AND BIOCHEMICAL PARAMETERS IN PERIPARTUM DAIRY COWS**, Julijana TRIFKOVIĆ, Dušan BOŠNJAKOVIĆ, Slavica DRAŽIĆ, Ljubomir JOVANOVIĆ, Milica STOJKOVIĆ, Danijela KIROVSKI, Željko SLADOJEVIĆ

09:20 - 09:30 **CLINICAL STUDIES OVER EQUINE GASTROULCERATIVE SYNDROME IN HORSES (EGUS)**, Sasho SABEV, Mariyana NIKOLOVA

09:30 - 09:40 **PRICKLY PEAR BY-PRODUCTS AS FEED FOR SMALL RUMINANTS**, Massimo TODARO, Riccardo GANNUSCIO

09:40 - 09:50 **FISH FEED: AN ANALYSIS OF OLD AND NEW TECHNOLOGIES**, Albana UKA

09:50 - 10:00 **DIETARY ARGININE AS A GROWTH PROMOTOR FOR BROILER CHICKENS**, Faisal DANISH, Rahimullah AMARKHIL, Naeem Jan ADIL, Mohammad Naeem AZIZI, Nasratullah HEMATZAI

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairpersons: António José FERNANDES, Julijana TRIFKOVIĆ

10:30 - 10:40 **ULTRASOUND SCANNING FOR CARCASS TRAIT AND BREEDING VALUE ESTIMATE IN MEAT SHEEP SELECTION PROGRAMS**, Tumen WULIJI, Chao KE, Kaitlyn ADAMS, Eric GROOSE

10:40 - 10:50 **EFFECT OF DIETARY SUPPLEMENTATION ON THE ANTIOXIDANT STATUS AND HEMATOLOGY OF GRASS CARP**, Muhammad Zubair ANJUM, Tamoom NAZ

10:50 - 11:00 **PORK MEAT CONSUMPTION: A COMPARATIVE ANALYSIS BETWEEN BRAZILIAN AND PORTUGUESE CONSUMERS**, António José FERNANDES, Juan de Oliveira MORAIS, Maria Isabel RIBEIRO

11:00 - 11:10 **ANALYSIS OF THE USE AND PRESENCE RESIDUES OF ANTIBIOTICS IN TABLE EGGS IN MODERN LAYING HEN FARMS IN THE DAKAR REGION AND SURROUNDING AREA (SENEGAL)**, Khalifa Serigne Babacar SYLLA, Arame THIOUNE, Sadibou BA, Rianatou BADA-ALAMBEDJI

11:10 - 11:20 **SUPPLEMENTATION WITH GARLIC POLYSULFIDES EFFECTIVELY REDUCES ENTERIC METHANE EMISSIONS IN DAIRY COWS**, Julijana TRIFKOVIĆ, Dušan BOŠNJAKOVIĆ, Sreten NEDIĆ, Ljubomir JOVANOVIĆ, Ivan VUJANAC, Željko SLADOJEVIĆ, Danijela KIROVSKI

11:20 - 11:30 **A DEVELOPMENT OF A BROILER PARENT STOCK FOR SUSTAINABLE POULTRY PRODUCTION IN TÜRKİYE**, Kadir Cem AKBAY, Gulcan AKBAY, Ali AYGUN

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

Working committee

Chairperson: Julijana TRIFKOVIĆ, António José FERNANDES

12:00 - 12:10 **DETERMINATION OF OPTIMAL SLAUGHTER AGE IN CAUCASIAN PHEASANTS**, Emre ARSLAN, Gülce KIRBAŞ, Merve TOK, Mahmut Şamil ŞAMLI, Kemal KIRIKÇI

12:10 - 12:20 **RISK ASSESSMENT OF ANIMAL WASTE FOR OCCUPATIONAL HEALTH AND SAFETY IN LIVESTOCK SECTOR**, Turgut AYGÜN

12:20 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairperson: Tumen WULIJI

15:30 - 15:40 **IMPACT OF GLOBAL CLIMATE CHANGES: EFFECTS OF SUDDEN TEMPERATURE CHANGE ON SLAUGHTER AND SOME CARCASS CHARACTERISTICS IN JAPANESE QUAILS**, Merve TOK, Kübra SAMAR, Mehmet AYDOĞDU, Mükrem ÜNVANLI, Şemsettin NERGİZ, Metehan TAŞKIN, Gülce KIRBAŞ, Emre ARSLAN, Mustafa GARİP

15:40 - 15:50 **THE POSSIBILITY OF USING ESSENTIAL OILS OF ORIGANUM VULGARE L., MENTHA X PIPERITA L. AND SATUREJA MONTANA L. AGAINST GASTROINTESTINAL NEMATODES IN SHEEP**, Filip ŠTRBAC, Radomir RATAJAC, Nataša TOLIMIR, Divna ŠIMIC, Slađan STANKOVIĆ, Antonio BOSCO, Laura RINALDI, Nataša SIMIN, Dejan ORČIĆ, Slobodan KRNJAJIĆ, Dragica STOJANOVIC

15:50 - 16:00 **PORTUGUESE CONSUMERS' PREFERENCE REGARDING THE PRESENTATION OF PROTECTED DESIGNATION OF ORIGIN TRANSMONTANO GOAT CHEESE**, António José FERNANDES, Fernando SOUSA, Dina AVEIRO, Maria Isabel RIBEIRO

16:00 - 16:10 **SOME ENVIRONMENTAL EFFECTS ON BODY WEIGHT AT WEANING AND SHEARING AND GREASY WOOL YIELD IN MORKARAMAN EWES**, Turgut AYGÜN

16:10 - 16:20 **ORGANIC LAMB PRODUCTION BY AN OUT-OF-SEASON BREEDING SCHEME FOR HAIR SHEEP BREED**, Tumen WULIJI, Chao KE, Luke WILBERS, Amy BAX, Christophor BOECKMANN

16:20 - 16:30 **RAISING SYSTEMS IN SMALL RUMINANT HUSBANDRY IN EASTERN ANATOLIA OF TÜRKİYE**, Turgut AYGÜN

16:30 - 16:40 **AGRO-ECOLOGY IN DAIRY GOAT PRODUCTION: A PATH TO SUSTAINABILITY**, Sezen OCAK YETİŞGİN, Selime CANAN

16:40 - 17:00 DISCUSSION

17:00 - 17:10 PAUSE

17:20 - 17:50 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Friday, October 3rd, 2025
Conference Hall F (Hotel Vucko)

RURAL DEVELOPMENT AND AGRO-ECONOMY

09:00 - 18:00 - **REGISTRATION**

09:00 - 17:30 - **WORKING SESSIONS**

Working committee

Chairperson: Hamid EL BILALI, Fahri YAVUZ

09:00 - 09:10 **CROP TRANSITION IN LOW-LYING AREAS: A CASE STUDY OF LOTUS FARMING IN THUA THIEN HUE PROVINCE, CENTRAL VIETNAM**, Tuyen Thi DUONG, Philippe LEBAILLY, Quan Tan TRUONG, Hop Thi Minh HO, Philippe BURNY

09:10 - 09:20 **HYBRID MODEL OF ARTIFICIAL NEURAL NETWORKS AND PRINCIPAL COMPONENT DECOMPOSITION FOR PREDICTING GREENHOUSE GAS EMISSIONS IN THE BRAZILIAN REGION OF MATOPIBA**, Milena Monteiro FEITOSA, José de Jesus Sousa LEMOS

09:20 - 09:30 **ASSESSING GENDER SENSITIVITY OF THE SMALL-SCALE MECHANIZED RAISED BED TECHNOLOGY (MRB) IN EGYPT**, Gehan A.G. ELMENOFI, Aman ELGARHY, Bezalet DESSALEGN, Biju GEORGE

09:30 - 09:40 **BALANCING PERCEPTIONS WITH WILLINGNESS TO SUPPORT: BIOECONOMY DEVELOPMENT IN SOUTHWEST IRELAND**, MINA SADEGHZADEH, MAEVE HENCHION, EOIN O'NEILL

09:40 - 09:50 **B-THENET - BEST PRACTICES AND INNOVATIONS FOR A SUSTAINABLE BEEKEEPING**, Aleksejs ZACEPINS, Vitalijs KOMASILOVS, Andrea GYORFFY, Marco PIETROPAOLI, Veronica MANARA, Giovanni FORMATO

09:50 - 10:00 **REBUILDING COMPETITIVENESS IN AVOCADO PRODUCTION: INNOVATION AND GROWER COLLABORATION IN MORELOS**, Sergio Roberto MÁRQUEZ-BERBER, Ruth Yessica CRUZ-NIETO, Gustavo ALMAGUER-VARGAS, Alma Velia AYALA-GARAY, Diana América REYNA-IZAGUIRRE, Abdul Khalil GARDEZI

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairperson: Hamid EL BILALI

10:30 - 10:40 **TOP4HONEYCHAINS – TRUSTABLE AND SUSTAINABLE OPEN PLATFORM FOR SMART HONEY VALUE CHAINS**, Aleksejs ZACEPINS, Mehmet N. AYDIN, Ewa W. ZIEMBA, Graciela RODRIGUEZ, Sahin AYDIN, Vitalijs KOMASILOVS, Ewa Wanda MARUSZEWSKA, Samet OKUYAN, Anna KARMAŃSKA, Maria Alejandra PALACIO

10:40 - 10:50 **IMPACT OF CONVENTIONAL AGRICULTURAL PRODUCTION METHODS ON BIODIVERSITY AND ECOSYSTEMS IN MOROCCO**, Mustapha OUATMANE

10:50 - 11:00 **SOCIOLOGY OF DECISION-MAKING: A CASE STUDY OF INTEGRATED RURAL DEVELOPMENT PROGRAMME IN PAKISTAN**, Hazrat SAID, Muhammad JAWAD

11:00 - 11:10 **GEOGRAPHY OF COOPERATIVE FARMING IN POLAND BASED ON THE ABSORPTION OF FUNDS FROM THE COMMON AGRICULTURAL POLICY OF THE EUROPEAN UNION**, Łukasz WIŚNIEWSKI, Roman RUDNICKI

11:10 - 11:20 **RURAL LABOR: AN ANALYSIS OF THE PROSPECTS FOR EMPLOYMENT OF YOUTH IN THE AGRICULTURAL SECTOR**, Irina CHEKHOVSKIKH

11:20 - 11:30 **GLOBAL TRENDS OF DIGITAL TRANSFORMATION OF AGRICULTURE AND THEIR PROJECTION ON RUSSIA**, Marina PETUKHOVA, Olga AGAFONOVA

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

Working committee

Chairperson: Branislav DUDIC

12:00 - 12:10 **LICENSED WAREHOUSING FROM FARMERS' PERSPECTIVE IN TÜRKİYE: PREFERENCES, CONCERNS AND EXPECTATIONS**, Aybüke KAYA, Veysi ACIBUCA, Abdullah KARAPINAR, Merve AYYILDIZ, Fahri YAVUZ

12:10 - 12:20 **EVALUATION OF THE ECONOMIC EFFICIENCY OF FRUIT ORCHARD PRODUCTION WITH RISK CONSIDERATION**, Jozef REPISKÝ, Nándor NAGY

12:20 - 12:30 **SWOT ANALYSIS OF LICENSED WAREHOUSING SYSTEM**, Fahri YAVUZ, Abdullah KARAPINAR, Veysi ACIBUCA, Aybüke KAYA, Merve AYYILDIZ

12:30 - 12:40 **WHAT DRIVES AGRICULTURAL SUPPLY CHAIN PARTICIPATION? A HECKMAN MODEL OF FARMER DECISIONS ON LICENSED WAREHOUSE DELIVERY IN TÜRKİYE**, Fahri YAVUZ, Denis WAISWA, Irfan Okan GULER, Abdullah KARAPINAR, Aybüke KAYA, Veysi ACIBUCA, Merve AYYILDIZ

12:40 - 13:00 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairperson: Aleksejs ZACEPINS

15:30 - 15:40 **FORECASTING APRICOT PRODUCTION IN TURKEY USING THE ARIMA (BOX-JENKINS) MODEL**, Aslı DALGIC

15:40 - 15:50 **AGRICULTURAL TRENDS AND CHALLENGES IN SLOVAKIA COMPARISON WITH THE BOSNIA AND HERZEGOVINA**, Branislav DUDIC, Velibor SPALEVIC

15:50 - 16:00 **STABILIZING MARKETS? THE IMPACT OF LICENSED WAREHOUSES ON AGRICULTURAL PRICE VOLATILITY IN TÜRKİYE**, Merve AYYILDIZ, Denis WAISWA, Abdullah KARAPINAR, Aybüke KAYA, Veysi ACIBUCA, Fahri YAVUZ

16:00 - 16:10 **IMPORTANCE OF THE TEMPERATURE-HUMIDITY INDEX IN ENSURING OPTIMAL SHELTER CONDITIONS FOR ANIMAL PRODUCTION IN TURKEY**, Merve Nur EKTİREN, Yoldaş EKTİREN

16:10 - 16:20 **IS THE LICENSED WAREHOUSING SYSTEM IN TURKEY SUSTAINABLE? CONCERNS AND PROBLEMS**, Veysi ACIBUCA, Abdullah KARAPINAR, Aybüke KAYA, Merve AYYILDIZ, Fahri YAVUZ

16:20 - 16:30 **WHICH STRATEGIES CAN ENHANCE FARMERS' PARTICIPATION IN AGRICULTURAL ADVISORY SERVICES IN BENIN?**, Gérard C. ZOUNDJI, Esperance ZOSSOU, Aristophane APLOGAN

16:30 - 16:40 **TOWARDS AFRICA CLIMATE SMART AGRICULTURE THROUGH PROTECTED AREAS VALORISATION: EVIDENCE FROM A SOCIO-INSTITUTIONAL ANALYSIS OF THE SUSTAINABLE MANAGEMENT OF PÉNÉSSOULOU RESERVED FOREST IN BENIN**, Espérance ZOSSOU

16:40 - 17:00 DISCUSSION

17:00 - 17:10 PAUSE

17:10 - 17:40 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Friday, October 3rd, 2025
Conference Hall B (Hotel Vucko)

FORESTRY AND AGRO-FORESTRY

- 09:00 - 18:00** - REGISTRATION
15:30 - 19:00 - WORKING SESSIONS

Working committee

Chairperson: Artur RUTKIEWICZ, Stefan STJEPANOVIC

- 15:30 - 15:40** **HYDROLOGICAL REGIME OF HIGROPHILOUS FORESTS ON THE ISLANDS ALONG THE DANUBE RIVER**, Dušan JOKANOVIĆ, Vesna NIKOLIĆ JOKANOVIĆ – **INTRODUCTORY PAPER**
- 15:40 - 15:50** **CHEMICAL COMPOSITION OF *Morchella costata* (Vent.) Pers AND FOUR OTHER EDIBLE MUSHROOMS FROM BOSNIA AND HERZEGOVINA**, Srđan LJUBOJEVIĆ, Ladislav VASILISIN, Goran VUČIĆ, Nataša LAKIĆ-KARALIĆ, Staniša LATINOVIĆ
- 15:50 - 16:00** **VALORIZATION OF AGROFORESTRY PRODUCTS AND BY-PRODUCTS IN ANIMAL FEEDING**, Moutaz ALHAMADA
- 16:00 - 16:10** **MONITORING OF AGRICULTURAL LANDS OF KAZGER AND SIMULATION ON THE FIELDS OF DRAINAGE MELT WATER RESERVOIR PONDS**, Dani SARSEKOVA, Akmaral PERZADAYEVA
- 16:10 - 16:20** **ASSESSMENT OF THE AVAILABILITY AND USE OF WILD BERRIES IN SILDUS MUNICIPALITY IN LATVIA**, Lelde VILKRISTE
- 16:20 - 16:30** **HORMONAL REGULATION OF ROOT DEVELOPMENT IN ASPEN AND BIRCH TISSUE CULTURES**, Miglė VAICIUKYNĖ, Iveta VARNAGIRYTĖ-KABAŠINSKIENĖ, Jonas ŽIAUKA, Rasa ŽUKIENĖ
- 16:30 - 16:45** DISCUSSION
- 16:45 - 17:00** PAUSE

Working committee

Chairpersons: Dusan JOKANOVIC, Stefan STJEPANOVIC

- 17:00 - 17:10** **THE ABUNDANCE OF MICROSCOPIC FUNGI IN IN THE UPPER SOIL HORIZONS OF SCOTS PINE, NORWAY SPRUCE AND MIXED SPRUCE-BIRCH STANDS**, Nijolė MARŠALKIENĖ, Simonas KALKIS, Vitas MAROŽAS
- 17:10 - 17:20** **ASSESSING THE ROLE OF WILD OLIVES IN FOREST LAND RESTORATION THROUGH GIS IN MALAKAND DIVISION**, Imtiaz AHMAD, Lubna ANSARI
- 17:20 - 17:30** **EASTERN SAW BUSH-CRICKET (*BARBITISTES CONSTRICTUS CONSTRICTUS* BR.) IN THE FORESTS OF POLAND - AN UNRESOLVED PROBLEM**, Artur RUTKIEWICZ, Iwona SKRZECZ
- 17:30 - 17:40** **COMPARATIVE ASSESSMENT OF CARBON SEQUESTRATION AND PRODUCTIVITY IN FOREST AND CROPLAND ECOSYSTEMS USING INTEGRATED GROUND-BASED AND REMOTE SENSING DATA**, Sergey SHESHNITSAN, Alexei TSAREGORODTSEV, Nadezhda GORBUNOVA, Tatiana SHESHNITSAN, Viktoriya NIKITENKO, Andrei BAKHTIN, Dmitrii ZHUKALIN
- 17:40 - 17:50** DISCUSSION
- 17:50 - 18:00** PAUSE
- 18:00 - 18:30** POSTER SESSION
- 20:00** Gala dinner (live music and tasting of traditional and typical products)

The Symposium has organized whole day tour to Mostar and tourist attractions in the surroundings of Mostar. Included: professional tourist guides; box lunch; refreshments; and typical Bosnian mix fruit snacks.

08:30 - 19:00

EXCURSION (Departure from hotel Termag-Vucko-Board)

Mostar

Mostar is a city and municipality in Bosnia and Herzegovina, the largest and one of the most important cities in the Herzegovina region, its cultural capital. Mostar is situated on the Neretva river and is the fifth-largest city in the country. The Old Bridge, built by the Ottomans in the 16th century, is one of Bosnia and Herzegovina's most recognizable landmarks. Mostar's Old Town is interesting for its lively narrow streets. There are a lot of catering facilities and handicraft shops around which offer a variety of traditional goods.



Blagaj Tekija

Blagaj is a village-town in the south-eastern region of the Mostar basin, only 12 km far from Mostar. Blagaj is the oases of peace and natural harmony and it was most likely named for its mild weather patterns since "blaga" in local language means "mild". This lovely touristic destination is situated at the spring of the Buna river and a historical tekke (tekija or Dervish monastery). The Blagaj Tekija was built around 1520.

Počitelj Old City

Počitelj is beautiful old stone town, the UNESCO heritage site. The historic urban site of Počitelj is located on the left bank of the river Neretva, on the main Mostar to Metković road, to the south of Mostar, in the territory of Čapljina Municipality. Today, the historical town of Počitelj, built under the fortress, has an oriental style, and as such is completely in the function of tourism and cultural events.



20:00

DINNER AT HOTEL



Sunday, October 5th, 2025

SARAJEVO HALF DAY GUIDED POST-CONFERENCE EXCURSION
(price 30 euro per person)

09:00 - 13:00

Included: visit to Sarajevo Old City; visit to spring of the river Bosna; professional tourist guides; refreshments and typical Bosnian fruit mix snacks.

14:00 LUNCH AT HOTEL

15:00 DEPARTURE

XVI International Scientific Agriculture Symposium "Agrosym 2025"
agrosym.ues.rs.ba

Friday, October 3rd, 2025

POSTER SESSION

Posters will be presented in e-version (no printed posters)

PLANT PRODUCTION

Conference Hall E (Hotel Vucko)

Friday, (October 3rd, 2025), 18:20 - 18:50

Working committee

Chairpersons: Theano LAZARIDOU, Desimir KNEZEVIC, Mohamed BRAKE

- P 01 IMPACT OF WEED CONTROL METHODS ON COTTON GENOTYPES YIELD AND ITS IMPLICATIONS FOR FOOD SECURITY AND SAFETY, Qudratullah EHSAN**
- P 02 POTENTIAL OF PLANT WASTE ASH-BASED MEDIA IN IN VITRO MICROTUBER PRODUCTION OF POTATO (SOLANUM TUBEROSUM L.), Amina BELGUENDOUZ, Benamar BENMAHIOUL**
- P 03 IMPACT OF WEEDS ON DURUM WHEAT YIELD UNDER CONVENTIONAL AND NO-TILL IN SEMI-ARID EASTERN ALGERIA, Ramdane BENNIOU, Assya CHOUTER**
- P 04 SELECTION CRITERIA AND LOCAL NAMES OF GUINEA SORREL (HIBISCUS SABDARIFFA L.) CULTIVARS IN FOUR PROVINCES OF BURKINA FASO, Mariam KIEBRE, Clémence ZERBO, Zakaria KIEBRE, Romaric Kiswendsida NANEMA, Fanta Reine Sheirita TIETIAMBOU, Hamid EL BILALI, Mahamadou SAWADOGO, Jacques NANEMA**
- P 05 THE INFLUENCE OF DIFFERENT METHODS OF CALCIUM FERTILIZATION IN THE SOIL ON THE YIELD AND THE BLOSSOM-END ROT (BER) IN PEPPER FRUIT, Aleksandra GOVEDARICA-LUČIĆ, Mirjana JOVOVIĆ, Alma MEMIĆ, Dragica GAGOVIĆ**
- P 06 THE EFFECT OF ZEOLITE TYPE AND DOSAGE ON PEA SEED GERMINATION AND EARLY GROWTH TRAITS, Nevena RISTIČEVIĆ, Branka GOVEDARICA, Igor ĐURĐIĆ, Vesna MILIĆ, Tanja JAKIŠIĆ, Selena KOVAČEVIĆ**
- P 07 SELECTED BREEDING LINES OF SUNFLOWER SEEDS IN REDUCING DROUGHT STRESS ON MORPHOLOGICAL CHARACTERISTICS DURING THE GERMINATION PHASE, Tanja MIJATOVIĆ, Branka GOVEDARICA, Igor ĐURĐIĆ, Nevena RISTIČEVIĆ, Vesna MILIĆ**
- P 08 QUALITY OF POTATO TUBERS IN THE MOUNTAINOUS REGION OF BOSNIA AND HERZEGOVINA (BORIKE), Branka GOVEDARICA, Vesna MILIĆ, Igor ĐURĐIĆ, Nevena RISTIČEVIĆ**
- P 09 ANALYSIS AND REVIEW OF AGRICULTURAL PLANTS RESPONSES TO HUMIC SUBSTANCES, Mirjana JOVOVIĆ, Zoranka MALEŠEVIĆ, Aleksandra GOVEDARICA-LUČIĆ**
- P 10 CONSERVATION STATUS OF THE MACROPHYTES OF THE TIŠINA PROTECTED HABITAT (BOSNIA AND HERZEGOVINA), Natasa MARIC, Sladjana PETRONIC, Zoran MATIC**
- P 11 ORCHIDACEAE IN THE FLORA OF THE TREBEVIĆ NATURE PARK (BOSNIA AND HERZEGOVINA), Natasa MARIC, Sladjana PETRONIC**
- P 12 THE EFFECTS OF FERTILIZATION METHODS ON THE MECHANICAL COMPOSITION OF GRAPES OF THE VINE VARIETY VRANAC, Nedim MARIC, Semira SEFO**
- P 13 THE INFLUENCE OF SOIL TYPE ON THE QUALITY TRAITS OF POTATO, Tanja JAKIŠIĆ, Milan JUGOVIĆ, Branka GOVEDARICA, Igor ĐURĐIĆ, Nevena RISTIČEVIĆ, Selena KOVAČEVIĆ**
- P 14 ANALYSIS OF THE FERTILITY POTENTIAL OF RED WINE VARIETIES GROWN IN THE TREBINJE AREA (BOSNIA AND HERZEGOVINA), Tijana BANJANIN, Milica GLIŠIĆ, Kristina MILIŠIĆ, Zorica RANKOVIĆ VASIĆ**
- P 15 COMPARATIVE ANALYSIS OF ESSENTIAL OIL OF HELICHRYSUM ITALICUM L. FROM PLANTATION AND RECLAIMED SOILS, Zoranka MALEŠEVIĆ, Jelena LAZAREVIĆ, Mirjana JOVOVIĆ, Selena KOVAČEVIĆ, Ivana BOŠKOVIĆ**

XVI International Scientific Agriculture Symposium "Agrosym 2025"

agrosym.ues.rs.ba

- P 16 SPROUTS AS FUNCTIONAL FOODS: A NATURAL RESERVOIR OF BIOACTIVE COMPOUNDS**, Anica BEBEK MARKOVINOVIĆ, Miroslava ŠTRUML, Tomislav BOSILJKOV, Marko KOSTIĆ, Sandra ZAVADLAV, Danijela BURSAC KOVAČEVIĆ
- P 17 INFLUENCE OF INTERCROPPING MAIZE WITH CLIMBING BEAN ON FORAGE YIELD AND QUALITY**, Darko UHER, Dubravko MAČEŠIĆ, Goran KIŠ, Dario JAREŠ, Ivan HORVATIĆ
- P 18 PHOTOSYNTHETIC ACTIVITY OF CULINARY POPPY POPULATIONS**, Ivana VARGA, Manda ANTUNOVIĆ, Antonela MARKULJ KULUNDŽIĆ, Milan POSPIŠIL
- P 19 EFFECT OF SELENIUM ON MORPHOLOGICAL CHARACTERISTICS OF BASIL (*OCIMUM BASILICUM* L.) UNDER CONTROLLED CONDITIONS**, Monika TKALEC KOJIĆ, Josipa JOVIĆ, Boris RAVNJAK, Tomislav VINKOVIĆ, Miro STOŠIĆ
- P 20 THE EFFECT OF DIFFERENT TEMPERATURES ON OAT (*Avena sativa* L.) GERMINATION**, Vedran ORKIĆ, Sunčica KUJUNDŽIĆ, Jurica JOVIĆ, Luka DRENJANCEVIĆ
- P 21 NATURAL ENEMIES OF HAZELNUT WEEVIL IN GEORGIA**, Miranda TSERODZE, Ketevan TAVARTKILADZE, Nikoloz MESKHI
- P 22 EFFECT ON THE YIELD OF THREE VARIETIES OF CHAMOMILE (*MATRICARIA CHAMOMILLA* L.) USING DIFFERENT BIOSTIMULANTS**, Anastasia-Charikleia KYRIAZAKI, Kyriakos D. GIANNOULIS, Dimitrios BARTZIALIS, Ippolitos GINTSIOUDIS, Nikolaos G. DANALATOS
- P 23 RHIZOBIUM RHIZOGENES-MEDIATED TRANSFORMATION OF ECHINACEA PURPUREA (L.): A PLATFORM FOR PRODUCTION OF BIOACTIVE COMPOUNDS**, Christina TOYMPOY, Sampina Maria DIGKTSI, Ourania PAVLI
- P 24 RHIZOBIUM RHIZOGENES-MEDIATED GENETIC TRANSFORMATION OF PORTULACA OLERACEA L.**, Christina TOYMPOY, Ourania PAVLI
- P 25 SALT STRESS EFFECTS ON PHENOLIC COMPOUNDS PROFILE AND ANTIOXIDANT ACTIVITY OF PURSLANE**, Christina TOYMPOY, Ourania PAVLI
- P 26 EFFECT OF BIOSTIMULANTS ON COTTON CULTIVATION IN CENTRAL GREECE**, Dimitrios BARTZIALIS, Ippolitos GINTSIOUDIS, Konstantinos KYRIAZOPOULOS, Kyriakos D. GIANNOULIS, Nikolaos G. DANALATOS
- P 27 EFFECT OF BIOSTIMULANTS ON DIFFERENT LENTIL VARIETIES IN EASTERN THESSALY (CENTRAL GREECE)**, Dimitrios BARTZIALIS, Paraskevas ZACHARIAS, Ippolitos GINTSIOUDIS, Kyriakos D. GIANNOULIS, Nikolaos G. DANALATOS
- P 28 EFFECT OF NITROGEN FERTILIZERS WITH UREASE INHIBITORS ON THE QUALITY CHARACTERISTICS OF WINTER CEREALS**, Dimitrios BARTZIALIS, Stefania PASCHALI-PAPANASTASIOU, Dimitrios-Marios LEKKAS, Ippolitos GINTSIOUDIS, Kyriakos D. GIANNOULIS, Nikolaos G. DANALATOS
- P 29 EFFECT OF CROPPING SYSTEMS AND NITROGEN FERTILIZATION ON KENAF CULTIVATION IN CENTRAL GREECE**, Ippolitos GINTSIOUDIS, Dimitrios BARTZIALIS, George PRINTZIOS, Kyriakos D. GIANNOULIS, Nikolaos G. DANALATOS
- P 30 FIBER YIELD OF TWO KENAF CULTIVARS (*HIBISCUS CANNABINUS* L.) UNDER DIFFERENT N-FERTILIZATION LEVELS AND DEVELOPMENT STAGES**, Ippolitos GINTSIOUDIS, Dimitrios BARTZIALIS, Kyriakos D. GIANNOULIS, Paulina KASIOLA, Nikolaos G. DANALATOS
- P 31 BIOSTIMULANTS EFFECT ON LAVENDER (*LAVANDULA ANGUSTIFOLIA*) CULTIVATION IN THE SECOND GROWING YEAR**, Maria DALAKOURA, Kyriakos D. GIANNOULIS, Dimitrios BARTZIALIS, Ippolitos GINTSIOUDIS, Nikolaos G. DANALATOS
- P 32 CULTURAL INTERVENTIONS TO ENHANCE BIOACTIVE COMPOUND PRODUCTION IN ECHINACEA**, Sampina Maria DIGKTSI, Christina TOYMPOY, Ourania PAVLI
- P 33 RESPONSE OF PUMPKIN GERMPLASM TO DROUGHT AND TEMPERATURE STRESS DURING GERMINATION**, Sampina Maria DIGKTSI, Ourania PAVLI, Spyridon A. PETROPOULOS
- P 34 RESPONSE OF TWO CHERRY ROOTSTOCKS TO SALINITY**, Georgios SLIMBAS, Dimitrios GIATSOS, Theodoros GKALITSAS, Theano LAZARIDOU

- P 35 MULTI-ENVIRONMENT AGRONOMIC ASSESSMENT OF COMMON VETCH LINES DEVELOPED FROM A LOCAL LANDRACE**, Vasileios GREVENIOTIS, Elisavet BOULOUMPASI, Athanasios KORKOVELOS, Dimitrios KANTAS, Athanasia MAVRIDOU
- P 36 NUTRITIONAL EVALUATION OF VICIA SATIVA BREEDING LINES UNDER VARIABLE MEDITERRANEAN CONDITIONS**, Vasileios GREVENIOTIS, Elisavet BOULOUMPASI, Athanasios KORKOVELOS, Dimitrios KANTAS, Athanasia MAVRIDOU
- P 37 THE IMPACT OF CLIMATE CHANGE ON MAIZE PRODUCTION – THE ROLE OF IRRIGATION**, Ágnes ÁLDOTT-SIPOS, Tamás SPITKÓ, Béla ÁLDOTT, Eszter CSEPREGI-HEILMANN, János PINTÉR, Csaba SZÓKE, Tamás BERZY, János NAGY, Csaba L. MARTON
- P 38 THE IMPACT OF GERMINATION MEDIUM ON COLD TOLERANCE IN MAIZE GENOTYPES DURING GERMINATION**, Eszter CSEPREGI-HEILMANN, Tamás SPITKÓ, Ágnes ÁLDOTT-SIPOS, Csaba SZÓKE, János PINTÉR, Tamás BERZY, Adrienn SZÉLES, Csaba L. MARTON
- P 39 CORRELATION BETWEEN YIELD COMPONENTS AND NDVI VALUE IN MAIZE**, Tamás SPITKÓ, Eszter CSEPREGI-HEILMANN, Csaba SZÓKE, János PINTÉR, Tamás BERZY, Csaba L. MARTON
- P 40 COMPUTATIONAL INTELLIGENCE FOR INVESTIGATION ON GENETIC DIVERSITY AMONG GENOTYPES OF SAFFLOWER FOR YIELD PERFORMANCE**, Naser SABAGHNIA, Fariborz SHEKARI, Mohsen JANMOHAMMADI
- P 41 RESPONSE OF DRAGONHEAD TO SOWING DENSITY REGARDING ESSENTIAL OIL YIELD AND SOME BIOCHEMICAL TRAITS**, Naser SABAGHNIA, Mohsen JANMOHAMMADI, Fariborz SHEKARI
- P 42 SEED GERMINATION OF LENTIL GENOTYPES UNDER SALINITY STRESS AND NANO-SILICON APPLICATION**, Naser SABAGHNIA, Mohsen JANMOHAMMADI, Fariborz SHEKARI
- P 43 RESEARCH ON OKRA (ABELMOSCHUS ESCULENTUS) IN WEST AFRICA: A BIBLIOMETRIC ANALYSIS**, Hamid EL BILALI, Iro DAN GUIMBO, Lawali DAMBO, Hamidou FALALOU, Halima OUMAROU DIADIE, Awal BABOUSSOUNA, Andrea VERONELLI, Filippo ACASTO
- P 44 MECHANICALLY-AIDED HARVESTING OF TABLE GRAPES WITH AN ELECTRICALLY PROPELLED PROTOTYPE**, Roberto TOMASONE, Mauro PAGANO, Carla CEDROLA
- P 45 THE INFLUENCE OF PRE-SOWING ON PRODUCTIVITY OF WINTER WHEAT**, Aušra SINKEVIČIENĖ, Silvas GEDAMINSKAS, Kęstutis ROMANECKAS, Rasa KIMBIRAUSKIENĖ
- P 46 IN VITRO PROPAGATION OF EUROPEAN VARIETIES OF ARONIA MELANOCARPA (MICHX.) ELLIOTT 'NERO' AND 'ALEXANDRINA'**, Ioana-Cătălina NICOLAE, Tatiana CALALB, Nina CHIORCHINĂ, Maria TABĂRA, Natalia ONICA, Iulia BOZBEI
- P 47 GENOTYPE-DEPENDENT RESPONSES TO STERILIZATION AND RESTERILIZATION IN IN VITRO CULTURES OF HYDRANGEA MACROPHYLLA**, Natalia ONICA, Ioana-Cătălina NICOLAE, Ion ROȘCA, Maria TABĂRA, Nina CHIORCHINĂ, Aliona GLIJIN, Oana VENAT
- P 48 BALANCE OF NUTRIENTS AND ORGANIC MATTER IN THE SOILS OF THE REPUBLIC OF MOLDOVA**, Tamara LEAH, Vasile LUNGU, Nicolai LEAH
- P 49 THE EVALUATION OF DROUGHT-TOLERANT SUNFLOWER HYBRIDS DEMONSTRATED THEIR BROAD ADAPTABILITY TO STRESSFUL ENVIRONMENTS**, Ashfaq JAVED, Waqas KHALID, Saeed RAUF, Mehdi GHAFFERI
- P 50 STRENGTHENING NURSERY MANAGEMENT AND FLOWER PRODUCTION IN PAKISTAN: A ROADMAP FOR GROWTH**, Farhad MUNIR, Muhammad QASIM, Muhammad SALEEM
- P 51 EXPLORING THE PROSPECTS OF GLADIOLUS CULTIVATION THROUGH STAGGERED PLANTING IN LAHORE'S PERI-URBAN AGRO-CLIMATIC CONDITIONS**, Muhammad AWAIS, Saleem AHMAD, Malik Fiaz Hussain FERDOSI
- P 52 RETHINKING AGRICULTURE POLICY IN PAKISTAN: BRIDGING GAPS AND BUILDING A BETTER FUTURE FOR FARMERS**, Zahid Khan HARIS, Muhammad TARIQ, Muhammad Zaighum NAWAZ
- P 53 MODERN TECHNOLOGIES OF AGRICULTURE 4.0 DEVELOPED AND IMPLEMENTED AS PART OF THE "PRECISION GARDENING" PROJECT**, Michał CUPIAŁ, Bogdan KULIG, Mirosław MAZIARKA, Joanna MAKULSKA, Barbara TOMBARKIEWICZ, Władysław MIGDAŁ

- P 54 ASSESSMENT OF ENVIRONMENTAL FACTORS AFFECTING GROWTH AND QUALITY OF LETTUCE CULTIVATED USING THE NUTRIENT FILM TECHNIQUE (NFT)**, Emanuela COJOCARU (JERCA), Lenuța CHIRA, Elena DOBRIN, Elena Maria DRĂGHICI
- P 55 FUNGAL COMMUNITY ASSOCIATED WITH SWEET POTATO ROOTS DURING STORAGE**, Beatrice Michaela IACOMI, Elena DOBRIN, Lenuța CHIRA, Adrian CHIRA, Elena Maria DRAGHICI
- P 56 THE INFLUENCE OF THE MAGNETIC FIELD ON THE GERMINATION OF TOMATO SEEDS**, Roxana Ioana GABOR ILIESCU, Elena DOBRIN, Elena Maria DRĂGHICI
- P 57 USE OF META-TOPOLIN AS AN ALTERNATIVE CYTOKININ FOR IN VITRO MULTIPLICATION OF ACTINIDIA KOLOMIKTA**, Ioana-Cătălina NICOLAE, Maria TABĂRA, Melania GHEREG, Natalia ONICA, Oana VENAT, Liliana BĂDULESCU, Nina CHIORCHINA
- P 58 FEATURES OF MODERNIZATION OF MOUNTAIN MEADOW FARMING**, Alim Yurievich KISHEV
- P 59 DETERMINATION OF KUNITZ TRYPSIN INHIBITOR CONTENT IN SOYBEAN GENOTYPES USING MOLECULAR AND BIOCHEMICAL TOOLS**, Danijela RISTIĆ, Vesna PERIĆ, Marija KOSTADINOVIĆ, Snežana GOŠIĆ DONDO, Snežana MLADENOVIC DRINIĆ
- P 60 RESEARCH OF AGRICULTURE LAND FOR IRON (Fe) CONTENT IN THE AREA OF THE CITY OF SOMBOR IN SERBIA**, Vladimir SABADOŠ, Danijela ŽUNIĆ
- P 61 STANDING TALL: HOW ETHEPHON SHAPES MAIZE YIELD AND TOLERANCE TO LODGING**, Dušan DUNĐERSKI, Anja ĐURIĆ, Goran BEKAVAC, Božana PURAR, Maja TANASKOVIĆ, Goran JACIMOVIĆ, Dragana LATKOVIĆ
- P 62 VARIABILITY OF MASS OF SPIKE AMONG WHEAT VARIETIES**, Dušan UROŠEVIĆ, Desimir KNEŽEVIĆ, Mirela MATKOVIĆ STOJŠIN, Artijona LAZE, Gordana BRANKOVIC, Jelena STOJILJKOVIĆ, Veselinka ZEČEVIĆ, Vesna KANDIĆ RAFTERY
- P 63 EXAMINATION OF MICROBIOLOGICAL PROPERTIES OF AGRICULTURAL SOILS ON AREA THE MUNICIPALITY OF LUČANI**, Goran JEVTIĆ, Snežana ANDJELKOVIĆ, Snežana BABIĆ, Djordje LAZAREVIĆ, Nedeljko RACIĆ, Debasis MITRA, Vladimir ZORNIC
- P 64 MULTISPECTRAL IMAGING VIA UAV SYSTEMS FOR THE EARLY DETECTION OF STRESS AND DISEASE IN VITIS VINIFERA L.**, Irina MARINA STEVIC, Biljana BOSKOVIC, Darko JARAMAZ, Jonel SUBIC, Milan DRAZIC, Darko JAKSIC, Milos PAJIC
- P 65 COULD ORANGE-CARBON DOTS AFFECT THE ANTIOXIDATIVE RESPONSE OF GREEN BEANS GROWN IN THE SOIL?**, Ivana MILENKOVIĆ, Yiqun ZHOU, Slađana Z. SPASIĆ, Roger M. LEBLANC, Ksenija RADOTIĆ
- P 66 INCREASED PHOTOSYNTHESIS WITH ORANGE-CARBON DOTS IN HYDROPONICALLY CULTIVATED GREEN BEANS**, Ivana MILENKOVIĆ, Milan BORIŠEV, Yiqun ZHOU,, Slađana Z. SPASIĆ, Roger M. LEBLANC, Ksenija RADOTIĆ
- P 67 ORANGE-CARBON DOTS INCREASED POD YIELD AFTER FOLIAR APPLICATION ON GREEN BEANS GROWN IN THE FIELD**, Ivana MILENKOVIĆ, Yiqun ZHOU, Slađana Z. SPASIĆ, Roger M. LEBLANC, Ksenija RADOTIĆ
- P 68 NDVI-BASED ASSESSMENT OF PHYSIOLOGICAL STATUS IN PROKUPAC VINEYARDS UNDER DIFFERENT CROP PROTECTION STRATEGIES**, Marija GAVRILOVIĆ, Vedran TOMIĆ, Biljana VELJKOVIĆ, Danijela ŽIVOJINOVIĆ, Anđelija OBRADOVIĆ
- P 69 MARKER ASSISTED SELECTION FOR β -CAROTENE RICH MAIZE: EVALUATION OF IMPROVED HYBRIDS**, Marija KOSTADINOVIĆ, Danijela RISTIĆ, Jelena VUKADINOVIĆ, Vesna PERIĆ, Dragana IGNJATOVIĆ-MICIĆ, Jelena VANCETOVIĆ
- P 70 PROPAGATION OF MANDEVILLA SANDERI 'CREAM PINK SUNDAVILLE' AND 'DARK RED SUNDAVILLE' BY CUTTINGS IN HYDROPONIC CULTURE**, Marija MARKOVIĆ, Dragana SKOČAJIĆ, Danijela ĐUNISIJEVIĆ-BOJOVIĆ, Marijana MILUTINOVIC
- P 71 GERMINATION OF CEDRUS ATLANTICA (ENDL.) MANETTI EX CARR) SEED UNDER DIFFERENT TREATMENTS**, Marija MARKOVIĆ, Mihailo GRBIĆ, Dragana SKOČAJIĆ, Danijela ĐUNISIJEVIĆ-BOJOVIĆ, Marijana MILUTINOVIC
- P 72 PERENNIALS SUITABLE FOR PLANTING IN BELGRADE GREEN SPACES IN CHANGING CLIMATE**, Marija MARKOVIĆ

- P 73 PROPAGATION OF CORNUS ALBA 'SIBIRICA' BY SOFTWOOD HEEL CUTTINGS**, Marija MARKOVIĆ, Mihailo GRBIĆ, Dragana SKOČAJIĆ, Danijela ĐUNISIJEVIĆ-BOJOVIĆ, Marijana MILUTINOVIĆ
- P 74 WEED RISK ASSESSMENT FOR LEYCESTERIA FORMOSA WALL.**, Marija MARKOVIĆ, Mihailo GRBIĆ, Dragana SKOČAJIĆ, Danijela ĐUNISIJEVIĆ-BOJOVIĆ, Marijana MILUTINOVIĆ
- P 75 RESPONSIVE DRIP IRRIGATION (RDI) TECHNOLOGY FOR TOMATO CULTIVATION IN DIFFERENT SUBSTRATES**, Milena MARJANOVIĆ, Slađana SAVIĆ, Ivana RADOVIĆ, Zorica JOVANOVIĆ, Radmila STIKIĆ
- P 76 VARIATIONS OF MAIZE YIELD IN LONG-TERM CROP ROTATION**, Milena SIMIĆ, Miodrag TOLIMIR, Vesna DRAGICEVIĆ, Željko DOLIJANOVIĆ, Natalija PAVLOVIĆ, Milan BRANKOV
- P 77 MULTIVARIATE ANALYSIS OF BREAD WHEAT ROOT AND SHOOT TRAITS AT THE SEEDLING STAGE AND AT THE BOOTING STAGE FOR DROUGHT-TOLERANCE**, Milica BLAŽIĆ, Gordana BRANKOVIĆ, Dejan DODIG, Vesna KANDIĆ, Tomislav ŽIVANOVIĆ
- P 78 EFFECTS OF THE DIFFERENT TERM GRAPE THINNING ON THE YIELD AND GRAPE QUALITY OF CABERNET SAUVIGNON CV. GRAPES**, Milica GLIŠIĆ, Aleksandra MARKOVIĆ, Danijela ŽIVOJINOVIĆ, Andreja PREKOVIĆ, Zoran PRŽIĆ, Saša MATIJASEVIĆ
- P 79 EFFECT OF OAT INTERCROPPING ON ERYSIPE PISI DISEASE INDEX IN WINTER PEA**, Milosav GRČAK, Dragan GRČAK, Desimir KNEŽEVIĆ, Radivoje JEVTIĆ, Vesna ŽUPANSKI, Branka ORBOVIĆ, Vera RAJIĆIĆ
- P 80 FUNCTIONALITY OF PROTEIN CONCENTRATES PREPARED FROM A BLEND OF SOY FLOUR AND BLACK MULBERRY POMACE**, Nevena BARAC, Steva LEVIĆ, Ivana SREDOVIĆ-IGNJATOVIĆ, Matija KRPOVIĆ, Miroљub, BARAC
- P 81 THE EFFECT OF BIOPESTICIDES ON TOMATO YIELD AND QUALITY**, Slađana SAVIĆ, Marina DERVIŠEVIĆ, Biljana ŠEVIĆ, Jelena MAKSIMOVIĆ, Magdalena KNEŽEVIĆ, Zoran DINIĆ, Milena MARJANOVIĆ
- P 82 EFFECTS OF DIFFERENT TYPES OF CYTOPLASM ON GENETIC DIVERGENCE OF THE STUDIED MAIZE INBRED LINES**, Snežana V. JOVANOVIĆ, Tanja PETROVIĆ, Mile SEČANSKI, Jelena GOLIJAN PANTOVIĆ, Srљoljub NIKOLIĆ, Miloš RAJKOVIĆ, Luka NOVKOVIĆ
- P 83 IBA-INDUCED ROOTING IN ORIGANUM VULGARE L. STEM CUTTINGS**, Snežana MRĐAN, Goran JAČIMOVIĆ, Ana DRAGUMILO, Vladimir FILIPOVIĆ, Sara MIKIĆ, Željana PRIJIĆ, Stefan GORDANIĆ, Tatjana MARKOVIĆ
- P 84 BOTANICAL COMPOSITION OF PERMANENT GRASSLAND AND FORAGE QUALITY IN THE MUNICIPALITY OF LUČANI IN REPUBLIC OF SERBIA**, Vladimir ZORNIĆ, Nedeljko RACIĆ, Đorđe LAZAREVIĆ, Zoran LUGIĆ, Dalibor TOMIĆ, Nenad PAVLOVIĆ, Mirjana PETROVIĆ
- P 85 RESPONSE OF WINTER WHEAT TO REDUCED TILLAGE AND FERTILIZATION**, Željko DOLIJANOVIĆ, Dušan KOVAČEVIĆ, Milena SIMIĆ, Snežana OLJACA, Zoran JOVOVIĆ, Milena BILJIC
- P 86 FROM A WEED TO A FUNCTIONAL CROP: THE EFFECT OF IRRIGATION ON THE YIELD AND NUTRIENT COMPOSITION OF PURSLANE**, Ivana KOLLÁROVÁ, Ivana MEZEYOVÁ, Lucia GALOVIČOVÁ, Eva IVANIŠOVÁ
- P 87 YIELD AND PHYSIOLOGICAL PARAMETERS IN TWO AND SIX-ROWED BARLEY GENOTYPES UNDER RAINFED CONDITIONS**, İrfan ÖZTÜRK Remzi AVCI Turhan KAHRAMAN Adnan TÜLEK Banu TÜLEK
- P 88 EFFECT OF BENZYLADENINE (BA) ON GROWTH AND FLOWER QUALITY OF PURPLE - PINK PICO (Chrysanthemum sp.)**, Pham THI PHUONG THAO, Le THANH TOAN, Le THI HOANG YEN, Le THI MONG CAM
- P 89 TECHNICAL SUPPORT FOR WHEAT PRODUCTION USING RESOURCE-SAVING TECHNOLOGY IN THE CONDITION OF VORONEZH REGION WITH THE USE OF EQUIPMENT PRODUCED IN THE RUSSIAN FEDERATION**, Mohibullah HAMDARD
- P 90 POTATO PRODUCTION: CULTIVATION PRACTICES, LIMITATIONS, AND OPPORTUNITIES FOR IMPROVEMENT IN CHAPARHAR, NANGARHAR, AFGHANISTAN**, Nawab NASIR, Din Mohammad MUSHFIQ

- P 91 EFFECTS OF HUMIC ACID ON WHEAT GENOTYPES IN SALINE SOIL OF KANDAHAR**, Nazir RAHMATULLAH
- P 92 STUDY OF THE PHYTOCHEMICAL AND ANTIOXIDANT PROPERTIES OF TWO SUBFRACTIONS EXTRACTED FROM THE AERIAL PARTS OF ARGANIA SPINOSA IN THE TINDOUF REGION (ALGERIA)**, Fatima Zohra KHIAT, Hanane Sihem SEBAA, Ahlem KARBAB, Abderrezak DJABEUR, Nouredine CHAREF
- P 93 PHYSICAL AND CHEMICAL CHARACTERIZATION OF PLUM CULTIVARS (PRUNUS DOMESTICA L.)**, Mirjana RADOVIC, Mihajlo LIZDEK, Mirko KULINA, Slavisa MILOVANOVIC, Dejan ZEJAK
- P 94 OVERVIEW OF A RESEARCH PROGRAM ON A NEGLECTED AND UNDERUTILIZED SPECIES: CASE OF SOLENOSTEMON ROTUNDIFOLIUS IN BURKINA FASO**, Romaric Kiswendsida NANEMA, Aminata Hamidou BA, Alphonse SAWADOGO, Ignace TONDE, Leila ZEKRAOUI, Zakaria KIEBRE, Hamid EL BILALI, Francis KUSI, Yves VIGOUROUX, Jean-Didier ZONGO
- P 95 RIPENING DYNAMICS OF INDIGENOUS GRAPEVINE CULTIVARS IN SEASON 2025 AT ĐAKOVO VINEYARDS**, Toni KUJUNDŽIĆ, Mato DRENJANČEVIĆ
- P 96 IMPROVING RICE PRODUCTIVITY BY RAISING PHOSPHORUS ROLE AND UTILIZATION COMBINED WITH ORGANIC AMENDMENTS UNDER SALINE SODIC SOIL**, Amira, M. OKASHA, Y.S. NEHELA, Ghada, S. MENADY, B.A. ZAYED, E. RASHWAN
- P 97 HEALTHYTOMATO – DEVELOPMENT OF TOMATO DISEASE DEVELOPMENT RISK WARNING SYSTEM**, Aleksejs ZACEPINS, Viktorija ZAGORSKA, Maksims FILIPOVICS, Vitalijs KOMASILOVS, Olivija KOMASILOVA, Aare RAEV, Olev ABEL, Mahmut DURGUN
- P 98 STREAMLINING GERMINATION TESTING IN BAMBARA GROUNDNUT: A MULTIVARIATE APPROACH TO METRIC SELECTION**, Abdel Kader NAINO JIKA
- P 99 UNLOCKING BAMBARA GROUNDNUT POTENTIAL: 2.5% MORINGA OLEIFERA EXTRACT BOOSTS GERMINATION AND FIELD READINESS**, Abdel Kader NAINO JIKA
- P 100 CULTIVAR SELECTION AFFECTS THE YIELD AND NUTRITIONAL COMPOSITIONS OF SESAME (*Sesamum indicum* L.)**, Funmilayo Mary OLOYEDE, Dorcas Iyanuoluwa TAIWO and Tawakalitu Ibukun ALADE
- P 101 EXPLORING THE TERMICIDAL PROPERTIES OF CLOVE (*SYZYGium Aromaticum*) AND GARLIC (*ALLIUM SATIVUM*) AGAINST HETEROTERMES INDICOLA (ISOPTERA: RHINOTERMITIDAE)**, Amanat ALI, Muhammad ALI
- P 102 RESISTANCE OF TOMATO GENOTYPES TO LATE BLIGHT (*Phytophthora infestans*) UNDER CONDITIONS OF NATURAL INFECTION**, Milomirka MADIĆ, Nenad PAVLOVIĆ, Milan SEVIĆ, Vladeta STEVOVIĆ, Dalibor TOMIĆ, Branka GOVEDARICA, Dragan ĐUROVIĆ
- P 103 BIOTECHNOLOGY AND BIODIVERSITY CONSERVATION: A NEXUS**, Funmilayo Mary OLOYEDE, Aanuoluwapo Ayobami OWOLABI
- P 104 EFFECT OF MOBILE AGRIVOLTAIC SHADING ON THE GROWTH AND YIELD OF CORIANDER (*CORIANDRUM SATIVUM* L.) UNDER FIELD CONDITIONS IN POLAND**, Oliwer D. WRONIAK, Michał KIEDROWSKI, Anna WENDA-PIESIK

Conference Hall C (Hotel Vucko)

Friday, (October 3rd, 2025), 12:20 - 12:50

Working committee

Chairpersons: Carmelo RAPISARDA, Muhammad AKBAR, Dejana STANIĆ

- P 107 CONTRIBUTION TO THE STUDY OF THE TWO FORMS OF NET BLOTCH DISEASE IN BARLEY (HORDEUM VULGARE L.), CAUSED BY PYRENOPHORA TERES DRECHSLER.,** Amina GALFOUT
- P 108 ROLE OF BIOACTIVE COMPOUNDS FROM CITRUS FRUITS IN THE CONTROL OF PLANT PATHOGENIC FUNGI,** Meryem Yassamine KHELIL
- P 109 IN VITRO EVALUATION OF THE ANTIFUNGAL POTENTIAL OF MYRTUS COMMUNIS L. AGAINST TOXIGENIC MOLDS OF HYDROPONIC BARLEY,** Nacéra TADJINE
- P 110 RESILIENCE OF SÉTIF PLANTS TO ENVIRONMENTAL STRESS AND NOVEL WEED CONTROL APPROACHES,** Tedjar LAMRI, Guettaf SOFIANE
- P 111 TOXICITY OF PITHRAJ LEAF AND SEED EXTRACTS ON T. CASTANEUM AND S. ORYZAE ADULTS AFTER EXPOSURE TO TREATED WHEAT,** Salma KHATUN, Md. Saiful Islam FARUKI, Sakura HAQUE
- P 112 STUDY OF THE INFLUENCE OF STORAGE PERIOD ON THE ACCUMULATION OF HYDROXYMETHYLFURFURAL IN CANNED PRODUCTS BASED ON CARROT,** Zinaida YEGOROVA, Anastasia NAVROTSKAYA, Angelina BUTKO, Tatiana SHACHEK
- P 113 THE HARMFULNESS OF LEAFMINER NAPOMYZA GYMNOSTOMA Loew. (Diptera, Agromyzidae) IN BIJEJINA AREA (BOSNIA AND HERZEGOVINA),** Dejana STANIĆ, Jovana OBRADOVIĆ
- P 114 INFLUENCE OF GROWING LOCATION ON BIOACTIVE COMPOUNDS AND ANTIOXIDATIVE ACTIVITY OF 'CLERY' STRAWBERRY FRUITS IN HERZEGOVINA,** Maja KAZAZIC, Emina MEHIC, Amna OMANOVIC
- P 115 EFFECTS OF MELATONIN ON ENZYMATIC ANTIOXIDANTS IN DROUGHT TREATED TRITICUM AESTIVUM (L.) CV. GINES,** Dessislava TODOROVA, Elena SHOPOVA, Irina VASEVA, Zornitsa KATEROVA, Iskren SERGIEV
- P 116 ALTERATIONS IN THE ENZYMATIC ANTIOXIDANTS IN MELATONIN-TREATED WHEAT (CV. FERMER) SUBJECTED TO DROUGHT,** Iskren SERGIEV, Irina VASEVA, Elena SHOPOVA, Zornitsa KATEROVA, Dessislava TODOROVA
- P 117 INFLUENCE OF TWO CAUSAL AGENTS OF RUST IN LEGUMES TO CHLOROPHYLL CONTENT IN LEAVES,** Magdalena KOLEVA, Plamena YANKOVA
- P 118 THE EFFECT OF POLYAMINE SPERMINE ON CHLOROPHYLL FLUORESCENCE AND LEAF GAS EXCHANGE IN FUSARIUM INFECTED WHEAT,** Tsvetina NIKOLOVA, Dessislava TODOROVA, Svetoslav ANEV, Iskren SERGIEV
- P 119 NON-ENZYMATIC ANTIOXIDANTS AND GLUTATHIONE REDUCTASE IN MELATONIN-TREATED WHEAT UNDER DROUGHT STRESS,** Zornitsa KATEROVA, Elena SHOPOVA, Irina VASEVA, Dessislava TODOROVA, Iskren SERGIEV
- P 120 POTENTIAL APPLICATION OF BLACK GOJI BERRY (LYCIUM RUTHENICUM MURRAY) IN 3D PRINTING OF FUNCTIONAL FOODS,** Ivana KOLIĆ, Jasna HALAMBK, Danijela BURSAC KOVAČEVIĆ, Sandra ZAVADLAV
- P 121 FIRST REPORT ON VIRULENCE OF THE PUCCINIA GRAMINIS F. SP. TRITICI POPULATION FROM TSAGERI DISTRICT, GEORGIA,** Zoia SIKHARULIDZE, Ketino SIKHARULIDZE, Tsisana TSETSKHLADZE, Ketevan MEMARNE, Gulnari CHKHUTIASHVILI, Ketino NATSARISHVILI
- P 122 STUDY OF ANTIBACTERIAL PROPERTIES OF CATECHIN COMPARED WITH 4-HEXYL RESORCINOL ON FOOD POISONING BACTERIA IN FARMED WHITE LEG SHRIMP (LITOPENAEUS VANNAMEI),** Mina SEIFZADEH

P 123 AN INVESTIGATION INTO THE ANTIBACTERIAL PROPERTIES OF DIFFERENT EXTRACTS OF RUE (RUTA GRAVEOLENS L.) THROUGH MICROPROPAGATION AND IN VIVO TESTING, Rania M. JAMMAL, Abdul Latief AL-GHZAWI, Zakaria I. AL-AJLOUNI, Mohamad SHATNAWI, Abdel Rahman AL-TAWAHA

P 124 THE INFLUENCE OF PRE-SOWING ON WEEDINESS OF WINTER WHEAT, Rasa KIMBIRAUŠKIENĖ, Silvas GEDAMINSKAS, Kęstutis ROMANECKAS, Aušra SINKEVIČIENĖ

P 125 ASSESSMENT OF NATURAL RADIOACTIVITY LEVELS IN AGRICULTURAL SOIL AND TRANSFER IN RICE IN THE KOCHANI REGION, NORTH MACEDONIA, Aleksandra ANGELESKA, Radmila CRCEVA NIKOLOVSKA, Elizabeta DIMITRIESKA STOJKOVIKJ, Ljupco ANGELOVSKI, Igor ESMEROV, Ljupco ANGELOVSKI, Risto UZUNOV

P 126 ASSESSMENT OF RADIOACTIVITY AND RADIOLOGICAL HAZARD FROM NATURAL RADIONUCLIDES CONTAINED IN RICE FROM NORTH MACEDONIA, Aleksandra ANGELESKA, Radmila CRCEVA NIKOLOVSKA, Elizabeta DIMITRIESKA STOJKOVIKJ, Igor ESMEROV, Stefan JOVANOVIĆ, Ljupco ANGELOVSKI, Risto UZUNOV

P 127 OCCURRENCE AND POPULATION DYNAMICS OF EURYGASTER SPP. (HEMIPTERA: SCUTELLERIDAE) IN WHEAT FIELDS OF NORTH MACEDONIA, Biljana ATANASOVA, Vaska SPASOVA, Dusan SPASOV, Dragica SPASOVA, Mite ILIEVSKI

P 128 SCIENTIFIC AND REGULATORY PERSPECTIVES ON IRRADIATED FOOD: DETECTION STANDARDS AND SAFETY EVALUATION, Ljupco ANGELOVSKI, Elizabeta DIMITRIESKA STOJKOVIKJ, Radmila CRCEVA NIKOLOVSKA, Igor ESMEROV, Risto UZUNOV, Sandra MOJSOVA, Aleksandra ANGELESKA

P 129 THE ROLE OF RURAL TOURISM IN ADVANCING SUSTAINABLE DEVELOPMENT IN NORTH MACEDONIA, Ljupco ANGELOVSKI, Aleksandra ANGELESKA, Radmila CRCEVA NIKOLOVSKA, Snezana DIMITROVSKA, Sandra MOJSOVA, Igor ESMEROV, Elizabeta DIMITRIESKA STOJKOVIKJ

P 130 LIST OF SOME INVASIVE INSECTS ESTABLISHED IN NORTH MACEDONIA, Stanislava LAZAREVSKA, Sterja NACHESKI, Miroljub GOLUBOVSKI, Blagoj SURBEVSKI

P 131 OPTIMISATION OF SONICATION METHOD FOR BIOACTIVE COMPOUNDS EXTRACTION FROM DIFFERENT PLANTS, Svetlana JALBĂ, Tatiana ERHAN, Ildiko LUNG, Vladimir TODIRĂŞ, Maria-Loredana SORAN, Ocsana OPRÎŞ, Adina STEGĂRESCU

P 132 THE OPTIMIZATION OF POLYPHENOLS EXTRACTION METHOD FROM RHEUM RHABARBARUM FOR THE EXTRACT USING IN AGRICULTURE, Tatiana ERHAN, Svetlana JALBĂ, Ildiko LUNG, Vladimir TODIRĂŞ, Maria-Loredana SORAN, Ocsana OPRÎŞ, Adina STEGĂRESCU

P 133 BLACK SPOT AND RUST OF ROSES IN MONTENEGRO, Bogoljub KANDIĆ, Nika SAVOVIĆ, Nedeljko LATINOVIĆ, Jelena LATINOVIĆ

P 134 THE EFFECT OF FOUR RHIZOSPHERE BACTERIA ON BOTRYTIS CINEREA, Mohammed EZZAROUAL, Hafsa HOUMAIRI, Salahddine CHAFIKI, Soumaya EL ASSRI, Safouane BENJAAA, Abdelmalek MAHROUG, Abdelhadi AJERRAR, Hasna ELHJOUJI, Mohamed ALOUANI, Rachid BOUHARROUD, Redouan QESSAOUI

P 135 FARMER-CONSERVED DIVERSITY IN NIGER'S AMARANTH: PHENOTYPIC PLASTICITY AS A RESOURCE FOR AGROECOLOGICAL BREEDING, Abdel Kader NAINO JIKA, Aminou BANOUFE, Leyla ALHOUSSEINI MOUSSA

P 136 ANTIFUNGAL POTENTIAL OF SILVER NANOPARTICLES AND FUNGICIDES AGAINST GUAVA STEM CRACKING PATHOGEN (PESTALOTIOPSIS PSIDII) UNDER LABORATORY CONDITIONS, Ameer Hamza ASLAM, Rabia IRSHAD, Muhammad Faheem KHAN, Abdul Muhaimin NADEEM, Muhammad Amjad ALI, Amjad ABBAS

P 137 IDENTIFICATION AND MANAGEMENT OF MYCOFLORA ASSOCIATED WITH SEEDS OF MAIN PULSES IN PUNJAB, Malaika TARIQ, Rabia IRSHAD, Muhammad USMAN, Saman ARIF, Sobeeqa KHALID, Amer HABIB, Muhammad Amjad ALI, Amjad ABBAS

P 138 CONTROL OF CITRUS DECLINE BY FUSARIUM SPP. AND TYLENCHULUS SEMIPENETRANS USING ENTOMOPATHOGENIC NEMATODES (EPNS), Maria FAYYAZ, Sajid Aleem KHAN, Huma ABBAS, Muhammad Amjad ALI, Amjad ABBAS, Javeria YASEEN, Muhammad ARSHAD, Muhammad SUFYAN

- P 139 AFLATOXINS IN FOOD AND FEED: A PERSISTENT THREAT TO FOOD SAFETY AND HUMAN HEALTH**, Muhammad Usman ASGHAR, Azhar MEHMOOD, Basharat Ali SALEEM, Muhammad Azhar IQBAL
- P 140 SAFEGUARDING THE FUTURE OF AGRICULTURE AND NUTRITION**, Sher ALI
- P 141 SCREENING OF SOYBEAN VARIETIES AGAINST ANTHRACNOSE AND ITS MANAGEMENT THROUGH FUNGICIDES**, Syed Din MUHAMMAD, Humma ABBAS, Muhammad Amjad ALI, Ameer Hamza ASLAM, Muhammad ZAHID, Sami ULLAH
- P 142 RELATIONS BETWEEN GALL-INDUCING CYNIPIDAE AND THEIR HOST PLANT**, Izabela KOT, Katarzyna KMIEĆ
- P 143 VIABLE BIOTECHNOLOGICAL WAYS FOR LEGUMICULTURE: INTEGRATION OF COMPOST AND BIOACTIVE SYSTEMS BASED ON BYOPOLYMERS**, Valentina-Elena GORGAN, Petronela NECHITA, Gabriela Elena BAHIRM
- P 144 PROBIOTIC POTENTIAL OF YEAST STRAINS FROM ROMANIAN FERMENTED PRODUCTS WITH POTENTIAL USE AS FOOD SAFETY AGENTS**, Viorica Maria CORBU, Ortansa CSUTAK
- P 145 COMPARATIVE LIPOPEPTIDE ANALYSIS OF BACILLUS VELEZENSIS STRAINS WITH ANTAGONISTIC ACTIVITY**, Nataša STANOJEVIĆ, Bojana ŽIVANOVIĆ, Sonja MILIĆ KOMIĆ, Sanja MARKOVIĆ, Danijel MILINČIĆ, Mirjana PEŠIĆ, Iyana SOFRENIC, Boban ANĐELKOVIĆ, Tatjana POPOVIĆ MILOVANOVIĆ, Ana SEDLAREVIĆ ZORIC, Aleksandra JELUŠIĆ
- P 146 FIRST RECORD OF STEINERNEMA CARPOCAPSAE (WEISER, 1955) IN SERBIA**, Angelina POPOVIĆ, Aleksa NOVAKOVIĆ, Radijana ĐEKANOVIĆ, Branimir NJEŽIĆ, Nikola GRUJIĆ
- P 147 VIRULENCE OF BACTERIAL SYMBIONT OF LOCAL POPULATION OF STEINERNEMA CARPOCAPSAE TO GALLERIA MELLONELLA**, Angelina POPOVIĆ, Aleksandra MESAROŠ, Jelena LOZO, Nikola GRUJIĆ
- P 148 IMPACT OF BIOLOGICAL CONTROL OF THE EUROPEAN CORN BORER ON THE PRESENCE OF ASPERGILLUS AND FUSARIUM**, Anja ĐURIĆ, Filip FRANETA, Dušan DUNDERSKI, Dušan STANISAVLJEVIĆ
- P 149 BEE DIVERSITY IN SEMI-NATURAL HABITATS IN AGRICULTURAL LANDSCAPES IN VOJVODINA PROVINCE, SERBIA**, Ivana KAVGIĆ, Zlata MARKOV RISTIĆ, Sonja MUDRI-STOJNIĆ
- P 150 FUSARIUM OXYSPORUM CAUSING GARLIC CLOVE ROT IN SERBIA**, Jovana MATIĆ, Nina VUČKOVIĆ, Valentina IVANOVIĆ, Ivana VICO, Nataša DUDUK
- P 151 EXPLORING THE POTENTIAL OF AUTOCHTHONOUS PROBIOTIC STARTER CULTURES STRAINS IN FRESH CHEESE PRODUCTION**, Dušan BASTA, Ksenija ČOBANOVIĆ, Nataša GOLIC, Katarina VELJOVIĆ, Nikola POPOVIĆ, Snežana GLAMOČIĆ
- P 152 THREE-YEAR SURVEY ON THE OCCURRENCE OF AFB1 IN MAIZE ON TERRITORY OF AP VOJVODINA**, Marko DAMJANOVIĆ, Darko GULJAS, Konstantin NIKOLIC, Borislav ILIČIĆ, Igor JAJIĆ, Saša KRSTOVIĆ
- P 153 THE INFLUENCE OF SUBSTRATE ACIDITY ON PRODUCTION OF MUSHROOM LENTINULA EDODES (BERK.) PEGLER**, Miroslava MARKOVIĆ, Renata GAGIĆ-SERDAR, Goran ČEŠLJAR
- P 154 BIOHERBICIDAL EFFECT OF CLOVE ESSENTIAL OIL ON AMARANTHUS RETROFLEXUS L. AND SETARIA VIRIDIS L.**, Nada MILUTINOVIĆ, Teodora TOJIĆ, Dragana BOŽIĆ, Katarina JOVANOVIĆ-RADOVANOV, Sava VRBNIČANIN
- P 155 INFLUENCE OF BIOCONTROL TREATMENTS ON MORPHOLOGICAL PARAMETERS OF INFECTED CABBAGE CV. FUTOSKI PLANTS**, Nataša STANOJEVIĆ, Sonja MILIĆ KOMIĆ, Bojana ŽIVANOVIĆ, Sanja MARKOVIĆ, Tatjana POPOVIĆ MILOVANOVIĆ, Ana SEDLAREVIĆ ZORIC, Dragosav MUTAVDŽIĆ, Petar MITROVIĆ, Aleksandra JELUŠIĆ
- P 156 EDIBLE MUSHROOMS AS NEW FOOD AND NEW ADDITIVES**, Višnja SIKIMIĆ, Slavica ČABRILO, Nada JELIĆ
- P 157 THE EFFECT OF ABIOTIC STRESS ON THE FLOWERING AND PRODUCTIVITY OF ZUCCHINI**, Zdenka GIREK, Suzana PAVLOVIĆ, Milan UGRINOVIĆ, Jelena DAMNJANOVIĆ, Dejan CVIKIĆ, Nenad PAVLOVIĆ

- P 158 THE POTENTIAL OF PLANT EXTRACTS AS BIOSTIMULANTS AND BIOFUNGICIDES ON POTATOES (SOLANUM TUBEROSUM)**, Jessica PRACHER, Philippus STEYN, Lerato MATSAUNYANE, Qenton KRITZINGER
- P 159 BIOCONTROL OF VICIA FABA-FUSARIUM WILT UNDER WATER AND SALT STRESS WITH BACILLUS AMYLOLIQUEFACIENS VFS2**, Imen HADDOUDI, Moncef MRABET, Jordi CABREFIGA, Isabel MORA, Haythem MHADHBI, Emilio MONTESINOS
- P 160 ANTIOXIDANT POTENTIAL OF CHERRY LAUREL (PRUNUS LAUROCERASUS L.) GROWN IN TÜRKİYE**, Emine Güçleri GÜLEÇ PEKER
- P 161 PROTECTIVE ROLE OF NARINGENIN ON OXIDATIVE STRESS INDUCED BY FENAMIPHOS PESTIDE IN RAT BRAIN TISSUE**, Hatice KARABODUK, Caglar ADIGUZEL, Fatma Gokce APAYDIN, Suna KALENDER, Meltem UZUNHISARCIKLI, Yusuf KALENDER
- P 162 A HISTOPATHOLOGICAL STUDY OF RAT LUNGS TREATED WITH ACETAMIPRID AND PROTECTIVE ROLE OF SODIUM SELENITE**, Filiz DEMİR
- P 163 NEW RECORD OF APHANOGMUS CLAVICORNIS THOMSON (HYMENOPTERA: CERAPHRONIDAE) AS A LARVAL PARASITOID OF TOMATO LEAF MINER TUTA ABSOLUTA (MEYRICK) IN SYRIA**, Rawa YOUSSEF
- P 164 PIONIES ARE A NEW HOST FOR SOME GRAPEVINE VIRUSES**, Alina DUNICH, Anna DASHCHENKO, Liudmyla KONUP, Anastasiia KONUP, Svitlana PRYLUTSKA, Iliia POZHYLOV, Vasyi GOROBETS, Tetiana SHCHERBAKOVA, Natalia KOZUB, Anastasia KOSMAN, Hanna KOROTIEIEVA, Lidiya MISHCHENKO
- P 165 RELATIONSHIP BETWEEN FOOD CONSUMPTION AND SOCIO-DEMOGRAPHIC INDICATORS OF HUMAN DEVELOPMENT: CASE OF UKRAINE (1990-2023)**, Serhii SEHEDA, Yuliia SEHEDA, Oleksandr KLOCHKOVSKIY, Viktoriia KLOCHKOVSKA
- P 166 THE USE OF NATURAL ANTIOXIDANTS AS A SUSTAINABLE FEED SUPPLEMENT AND THEIR IMPACTS ON CARCASS WEIGHT GAIN AND NUTRITIONAL VALUE OF BROILER MEAT**, Nabila BERRIGHI, Zitouni MARAM, Boutrid AMANI
- P 167 ORNAMENTAL FIG TREES UNDER THREAT: NEW HOSTS AND SPREAD OF SINGHIELLA SIMPLEX (HEMIPTERA: ALEYRODIDAE) IN ALGERIA**, Zine Eddine LABDAOUI
- P 168 SURVEY ON THE PRESENCE OF BEGOMOVIRUS COHENI IN REPUBLIC OF SRPSKA 2019-2024**, Vojislav TRKULJA, Gordana BABIĆ, Bojana ČURKOVIĆ, Bojana VUKOVIĆ, Jovana PRIJIĆ, Aleksandra DOBRIČANIN, Bogdan NEDIC
- P 169 ONE HEALTH: RISK ASSESSMENT OF DIETARY EXPOSURE TO PESTICIDES RESIDUES**, Abdel-Tawab H. MOSSA
- P 170 NATIVE BACILLUS SPP.: DUAL BIOFERTILIZER AND BIOCONTROL FOR TOMATO**, Hasna EL HJOUI, Redouan QESSAOUI, Salahddine CHAFIKI, El Hassan MAYAD, Hafsa HOUMAIRI, Khadija DARI, Bouchaib BENCHARKI, Hinde AASSILA
- P 171 STUDY OF THE ANTAGONISTIC POWER OF THE BACILLUS STRAIN AGAINST A FUNGAL DISEASE OF TOMATO**, Hasna ELHJOUI, Redouan QESSAOUI, Khadija DARI, Bouchaib BENCHARKI, El Hassan MAYAD, Hinde AASSILA
- P 172 EFFECT OF RHIZOSPHERIC BACTERIA IN CONTROLLING FUSARIUM WILT**, Redouan QESSAOUI, Safouane BENJAAA, Salahddine CHAFIKI, Abdelmalk MAHROUG, Soumaya EL ASSRI, Abdelhadi AJERRAR, Hasna ELHJOUI, Mohamed ALOUANI, Rachid BOUHARROUD
- P 173 MORINGA OLEIFERA OVERDOSE: ALLELOPATHIC EFFECTS OF HIGH-CONCENTRATION EXTRACT ON BAMBARA GROUNDNUT**, Abdel Kader NAINO JIKA
- P 174 ANALYSIS OF THE UTILIZATION OF INDIGENOUS BIO PESTICIDES AMONG TOMATO FARMERS IN ONDO STATE**, BAMIGBOYE E.O, BAMIGBOYE R.A, AKINSIDA F.O
- P 175 MICROBIAL ALLIES IN ACTION: HARNESSING SOIL-NEMATODE BACTERIA FOR PEST CONTROL AND EXPLORING INSECT IMMUNE DEFENSE STRATEGIES**, Adil MUHAMMAD, Hussain ALI
- P 176 BIOPOLYMER-BASED HYDROGELS AND ALGINATE BEADS: SUSTAINABLE SOLUTIONS FOR CROP PROTECTION AND CLIMATE RESILIENCE**, Amna SHOAI B, Qudsia FATIMA, Uswah FATIMA

- P 177 BIOLOGICAL MANAGEMENT OF BASAL ROT OF ONION BY SOIL AMENDMENT WITH SISYMBRIUM IRIO AND TRICHODERMA SPECIES**, Arshad JAVAID, Roma AKHTAR, Amna SHOAB
- P 178 EVALUATION OF GENETIC DIVERSITY AND FUNGICIDE-BASED IN-VIVO MANAGEMENT OF CHARCOAL ROT IN SUNFLOWER**, Javeria YASEEN, Maria FAYYAZ, Munam. Muhammad Amjad ALI, Muhammad ARSHAD, Abdul REHMAN, Amjad ABBAS
- P 179 EFFICACY OF DIFFERENT PLANT EXTRACT ON THE MORTALITY RATE OF SITOPHILUS GRANARIUS**, Jawad Ali SHAH, Hammad Ur RAHMAN, Muhammad SAEED
- P 180 GENOME-WIDE IDENTIFICATION AND EXPRESSION ANALYSIS OF DATE PALM WRKY GENE FAMILY UNDER DIFFERENT ABIOTIC STRESSES**, Mahad-Ur-REHMAN, Shahneeza Aimal NADEEM, Muhammad Bilal MUSTAFA, Syed Ali Raza SHAUKAT, Muhammad Luqman ALEEM, Hamna CHRAGH, Ayesha KHALID, Danish RAZA, Rida NASEEM, Ikhlās SHAFIQUE,
- P 181 BIOCHAR ENRICHED WITH BENEFICIAL MICROBES BOOSTS GROWTH AND NEMATODE RESISTANCE IN CUCUMBER**, Syed SHAMSULLAH, Amjad ABBAS, Muhammad Amjad ALI
- P 182 IN-VITRO EVALUATION OF RELATIVE EFFICACY OF DIFFERENT FUNGICIDES AGAINST ALTERNARIA LEAF SPOT OF MUSTARD CAUSED BY ALTERNARIA BRASSICAE**, Muhammad Bilal MUSTAFA, Syed Ali Raza SHOUKAT, Shahneeza Aimal NADEEM, Safdar ALI
- P 183 BIOCHEMICAL CHARACTERIZATION OF CITRUS CANCKER DISEASE AND ITS MANAGEMENT THROUGH ANTIBIOTICS UNDER LAB CONDITIONS**, Muhammad USMAN, Ayesha KHALID, Malaika TARIQ, Saman ARIF, Sobeeqa KHALID, Rabia IRSHAD, Saima YOUSAF, Amer HABIB, Muhammad Amjad ALI, Amjad ABBAS
- P 184 VANILLIC ACID-INDUCED DISEASE TOLERANCE IN MUNGBEAN AGAINST MACROPHOMINA PHASEOLINA VIA UPREGULATION OF ANTIOXIDANT DEFENSE GENES**, Numan ALI, Amna SHOAB
- P 185 USE OF DIFFERENT BIOCONTROL AGENTS AS SEED PRIMING APPLICATIONS FOR THE MANAGEMENT OF LEAF RUST DISEASE IN WHEAT**, Rabia IRSHAD, Malaika TARIQ, Ameer Hamza ASLAM, Saman ARIF, Muhammad USMAN, Sobeeqa KHALID, Amer HABIB, Amjad ABBAS, Muhammad Amjad ALI
- P 186 SURVEILLANCE AND PATHOGEN CHARACTERIZATION OF BACTERIAL CANCKER ON PLUM IN POONCH DIVISION AZAD JAMMU AND KASHMIR**, Raees AHMED, Sami ULLAH
- P 187 CHARACTERIZATION AND IN-VITRO BIOLOGICAL MANAGEMENT OF FUNGI ASSOCIATED WITH THE SEED OF MAIZE CROP**, Saman ARIF, Maham SARWAR, Sobeeqa KHALID, Muhammad USMAN, Malaika TARIQ, Rabia IRSHAD, Amer HABIB, Muhammad Amjad ALI, Amjad ABBAS
- P 188 MANGEMENT OF FUSARIUM WILT DISEASE OF LENTIL THROUGH THE APPLICATION OF BIOCONTROL AGENTS UNDER FIELD CONDITIONS**, Shahneeza Aimal NADEEM, Wajihā TANVEER, Muhammad Amjad ALI, Amjad ABBAS
- P 189 MANAGEMENT OF SEED-BORNE FUNGI ASSOCIATED WITH SEEDS OF SESAME (*Sesamum indicum* L.) THROUGH CHEMICALS**, Sobeeqa KHALID, Saman ARIF, Maham SARWAR, Muhammad USMAN, Malaika TARIQ, Rabia IRSHAD, Amer HABIB, Muhammad Amjad ALI, Amjad ABBAS
- P 190 THE ROLE OF SUPPLEMENTARY IRRIGATION FOR FOOD PRODUCTION IN A SEMI-ARID COUNTRY PALESTINE**, Mohammed Yousef SBEIH
- P 191 EFFECTIVENESS OF HERBICIDES AND AQUEOUS EXTRACTS FOR CONTROLLING WEEDS AND ENHANCING WHEAT CROP YIELD**, Imtiaz KHAN
- P 192 INDUCTION OF VOLATILE ORGANIC COMPOUNDS IN CHRYSANTHEMUM PLANTS FOLLOWING INFECTION BY RHIZOCTONIA SOLANI**, Dariusz PIESIK, Natalia MILER, Grzegorz LEMANCZYK, Alicja TYMOSZUK, Karol LISIECKI, Jan BOCIANOWSKI, Krzysztof KRAWCZYK, Chris A. MAYHEW
- P 193 BIOTECHNOLOGICAL EXTRACTION OF THE NATURAL COLORING SUBSTANCES FROM DARK BLUE & YELLOW IRIS GERMANICA. TESTING THE COLORING POTENTIAL ON THE FOODS**, Radu STELUȚA, Toma ȘTEFAN-LUCIAN

- P 194** **POPULATION DEVELOPMENTS OF THE LEAF GALL THRIPS GYNAIKOTHRIPS FICORUM (MARCHAL, 1908) (THYSANOPTERA: PHLAEOTHRIPIDAE) AND THE PREDATORY BUG MONTANDONIOLA INDICA YAMADA, 2011 (HEMIPTERA: ANTHOCORIDAE) ON RUBBER TREES IN ADANA PROVINCE, TÜRKİYE**, Ekrem ATAKAN, Merve ÇALIKUŞU, Serkan PEHLIVAN
- P 195** **DETERMINATION OF THE EFFECTIVENESS AND RESIDUES OF CHLORANTRANILIPROLE 600 G/L SC AGAINST FALL ARMYWORM SPODOPTERA FRUGIPERDA (J.E. SMITH, 1797), (LEPIDOPTERA: NOCTUIDAE) IN MAIZE**, Hasan Sungur CİVELEK, Eyyüp Mennan YILDIRIM
- P 196** **BIOHERBICIDAL EFFECTS OF PLANT ESSENTIAL OILS AND EXTRACTS ON GERMINATION OF BLACK (Solanum nigrum) AND RED NIGHTSHADE (Solanum villosum) SEEDS**, İlhan UREMİS, Soner SOYLU, Nihat TURSUN, Olcay BOZDOĞAN, İslam Emrah SUER, Erdal ATES, Yusuf Guzel DEMİRAY, Yücel KARAMAN, Şenay UZ
- P 197** **DISTRIBUTION OF THE FALL ARMYWORM SPODOPTERA FRUGIPERDA (J.E. SMITH, 1797) (LEPIDOPTERA: NOCTUIDAE) AND ITS POTENTIAL NATURAL ENEMIES IN THE EAST MEDITERRANEAN REGION OF TÜRKİYE**, Serkan PEHLIVAN, Mahmut Mete KARACA, Başak ULAŞLI, Kamuran KAYA, Ekrem ATAKAN, Hogir CEYLAN, Şebnem TİRENG KARUT, Kamil KARUT
- P 198** **EVALUATION OF TRITICALE GENOTYPES IN TERMS OF YIELD AND WINTER HARDINESS IN ERZURUM**, Ümran KÜÇÜKÖZDEMİR, Berrin DURLU, Halit KARAGÖZ, Sedanur AKALIN AYDIN
- P 199** **DATABASE FOR PERSONALIZED MICROBIOTA CORRECTION BY BIOLOGICALLY ACTIVE COMPOUNDS AND PLANTS EXTRACTS: HOW TO APPLY FOR PROTECTION OF AGE RELEVANT DISEASES**, Nadiya BOYKO, Oleksandra PALLAH, Svitlana BURMEI, Lesya YUSKO
- P 200** **THE APPLICATION OF GREEN TECHNOLOGY FOR MYCOTOXIN CONTROL: OZONE-BASED DETOXIFICATION IN DRIED FIGS**, Cagla KAYISOĞLU, Secil UZEL, Bulent KABAK

Working committee

Chairpersons: Srđan LJUBOJEVIĆ, Bilal Saeed KHAN, Zeljko DOLIJANOVIC

- P 201 ASSESSING THE LONG-TERM IMPACTS OF SOIL TILLAGE ON AGROECOSYSTEMS**, Vaida STEPONAVICIENĖ
- P 202 INCREASING THE PRODUCTIVITY POTENTIAL OF THE CHERNOZOIL IN THE REPUBLIC OF MOLDOVA IN CONDITIONS OF CLIMATE RESILIENCE**, Tatiana DAVID, Leonid POPOV, Valerian CERBARI
- P 203 BASIC REQUIREMENTS OF ORGANIC PRODUCTION WITH REFERENCE TO MONTENEGRO**, Mirjana BOJANIĆ RAŠOVIĆ
- P 204 ISOLATION AND CHARACTERIZATION OF PGPR ASSOCIATED WITH CAROB TREE (CERATONIA SILIQUA L.) IN MEKNES REGION, MOROCCO**, Rahal EL KAHKAHI, Meryama MOUSTAINE, Rachid ZOUHAIR
- P 205 ORGANIC FARMING IN ARID REGIONS OF PAKISTAN: OPPORTUNITIES, CHALLENGES, AND THE PATH FORWARD**, Azhar MEHMOOD, Muhammad WAQAS, Basharat Ali SALEEM
- P 206 CHALLENGES, CONCEPTS AND INTERNATIONAL VIEWS ON ORGANIC WINE CERTIFICATION AND CONSUMPTION**, Cosmina - Ionela VASILACHE, Adrian Gheorghe ZUGRAVU
- P 207 POLYETHYLENE MICROPLASTIC - INDUCED AVOIDANCE BEHAVIOR IN LUMBRICUS TERRESTRIS (OLIGOCHAETA: LUMBRICIDAE)**, Ana LAŽIĆ, Milica BALOŠ, Aleksandra PETROVIĆ, Ivana IVANOVIĆ, Vojislava BURSIC, Dejan PRVULOVIC, Aleksandra TUBIC
- P 208 SUSTAINABLE MANAGEMENT OF THE PROTECTION OF VEGETABLE CROPS IN THE ORGANIC FARMING SYSTEM**, Divna SIMIĆ, Snežana JANKOVIĆ, Željko DOLIJANOVIC, Vera POPOVIĆ, Vojin CVIJANOVIĆ, Jelena MARKOVIĆ, Vladan PEŠIĆ
- P 209 VALORIZATION OF LOCAL RESOURCES AND ORGANIC FARMING IN ALGERIA**, Larbi DJAMILA
- P 210 PARTICIPATORY AND INCLUSIVE APPROACH FOR AGROECOLOGICAL TRANSITION IN A MOUNTAINOUS AREA IN ALGERIA**, Karima BOUDEDJA, Fatah AMEUR, Amine OULMANE, Aissa BELHADI, Amel BOUZID
- P 211 THE INTENSITY OF NODULATION AND GENETIC CHARACTERIZATION OF SOYBEAN (GLYCINE MAX (L.) MERR.) NODULATING RHIZOBIA FROM SOUTH KIVU PROVINCE OF DEMOCRATIC REPUBLIC OF THE CONGO**, Bintu Nabintu NDUSHA, Shellema Okoth KEYA, Richard Ndemo ONWONGA, Leon Nsharwasi NABAHUNGU, Gustave Mushagalusa NACHIGERA, Leah KAGO, Collins MUTAI, Sita GHIMIRE
- P 212 MORINGA PODS: AN ORGANIC WASTE SOLUTION FOR TETRANYCHUS URTICAE CONTROL**, Redouan QESSAOUI, Darbali FATIMA ZAHRA, Salahddine CHAFIKI, Abdelmalk MAHROUG, Soumaya EL ASSRI, Bahoch SAID, Abdelhadi AJERRAR, Hasna ELHJOUJI, Ait AABD NAIMA, Tahiri ABDEGHANI, Rachid BOUHARROUD
- P 213 MULTIVARIATE VISUALIZATION UNLOCKS OPTIMAL SEED PRIMING STRATEGIES FOR SAHELIAN FARMERS: A MORINGA-BAMBARA GROUNDNUT CASE STUDY**, Abdel Kader NAINO JIKA
- P 214 LOW-INPUT SEED ENHANCEMENT: A MORINGA-BASED PROTOCOL FOR CLIMATE-SMART LEGUMES**, Abdel Kader NAINO JIKA
- P 215 BIOSTIMULANT POTENTIAL OF MORINGA LEAF EXTRACT AND SEAWEED EXTRACT (ASCOPHYLLUM NODOSUM) ON MUNG BEAN (VIGNA RADIATA L.) PRODUCTIVITY: A COMPARATIVE ANALYSIS OF PRIMING AND FOLIAR APPLICATION METHODS**, Shahzaib ANWAR, Sohaib AHMAD, Muhammad BILAL
- P 216 COMPARATIVE EFFECTS OF SEED PRIMING WITH FUNGAL METABOLITES, RHIZOBIAL COATING, AND PHYSICAL METHODS ON MUNG BEAN PRODUCTIVITY UNDER WATER-LIMITED CONDITIONS**, Sohaib AHMAD, Shahzaib ANWAR

P 217 NEW SPECIES OF LEUCOAGARICUS (AGARICACEAE, AGARICALES), A NOVEL MACROFUNGUS FROM PUNJAB, PAKISTAN, Tayyaba KHALIL, Samina SARWAR, Jianping XU

P 218 ECOLOGICAL ORGANIC AGRICULTURE IN TROPICAL CLIMATES: A TRANSFORMATIVE PARADIGM FOR SUSTAINABLE FOOD SYSTEMS, Mulugheta Tesfamichael SOLOMON

P 219 EFFECTS OF TITHONIA DIVERSIFOLIA ON SEED GERMINATION, GROWTH PARAMETERS AND THE NUTRIENT CONTENT OF SOYBEAN, Dongmo Lekagne Joseph BLAISE, Nantia Akono EDOUARD, Ngamassi Konchipe ANGELINE, Kamgang Kiage Philippe STEPHANE, Che Ruth NGUM, Nguefack JULIENNE

P 220 AGROECOLOGY AND ORGANIC FARMING AS PLATFORM FOR THE REFORMED FOOD SYSTEMS IN GEORGIA BASED ON THE COUNTRY CONTEXT, Kakha NADIRADZE, George MAGLAKELIDZE, Nana PHIROSMANASHVILI, Tekla NADIRADZE

P 221 FARMERS' ADAPTATION STRATEGIES AND PRACTICES TO ADDRESS CLIMATE CHANGE IN KATHMANDU DISTRICT NEPAL, Binayak P. RAJBHANDARI

P 222 USE OF ALLELOPATHY IN VEGETABLE CROPS PRODUCTION, Nusret ÖZBAY, Aygül KARACA

P 223 ENHANCING LETTUCE SEED GERMINATION AND EMERGENCE UNDER HEAT STRESS VIA PRO-CA PRIMING TREATMENTS, Nusret ÖZBAY, Midya Jaza MUHAMED

P 224 APPLICATION OF PROHEXADIONE-CALCIUM PRIMING AFFECTS GERMINATION AND EMERGENCE OF WATERMELON SEEDS AT LOW TEMPERATURE, Nusret ÖZBAY, Saman Saber ALI

Conference Hall A (Hotel Vucko)

Friday, (October 3rd, 2025), 18:10 - 18:40

Working committee

Chairpersons: Velibor SPALEVIC, Natasa CERKOVIC, Branislav DRASKOVIC

- P 225 DIVERSITY IN EPIPHYTIC AND ENDOPHYTIC FUNGI OF OLEASTER LEAF OF THE REGION OF TIZI RACHED (TIZI-OUZOU, ALGERIA)**, Amina ZAREB, Samira CHERFI, Smail ADANE, Amel BENHOCINE, Hocine MEDDANE
- P 226 ALGERIAN DIATOMITES AND APPLICATION AS A NATURAL INSECTICIDE**, B. MANSOUR, Z. MAHI, A. MEDKOUR
- P 227 EVALUATION OF THE PHYTOPHARMACOLOGICAL AND ECOLOGICAL POTENTIAL OF ARTEMISIA HERBA-ALBA IN ALGERIAN ARID ZONES: BIOLOGICAL ACTIVITIES AND SUSTAINABLE VALORIZATION**, Khaled SAADI, Sofiane GUETTAF, Lamri TEDJAR
- P 228 INVESTIGATION OF THE BIOACTIVE CHARACTERISTICS OF THE ALERIAN TRADITIONAL PHARMACOPOEIA HERBS: ORIGANU MAJORANA AND URTICA DIOICA**, Lilia DOUAOUYA, Azzedine FERCHA, Zahira BOUZIANE, Khaled RAHAL
- P 229 ENHANCING THE ANTIBACTERIAL PROPERTIES OF THE ESSENTIAL OIL OF *Origanum majorana* L., AN ALGERIAN MEDICINAL PLANT**, Lilia DOUAOUYA, Azzedine FERCHA, Zahira BOUZIANE, Khaled RAHAL
- P 230 VALORIZATION OF ORGANIC WASTE, THE CASE OF DATE STONES, IN WATER TREATMENT**, Mimouna YAKOUBI, Nasser BELBOUKHARI, Khaled SEKKOUM
- P 231 PROPOSAL FOR A SUSTAINABLE DEVELOPMENT STRATEGY FOR "BABOR-TABABORT NATIONAL PARK"**, Mouna KHAZNADAR, Yacine LIMANI, Ali CHEBIRA, Djamel GUESSAS
- P 232 ANTIOXIDANT AND ANTI-INFLAMMATORY ACTIVITIES OF *PISTACIA LENTISCUS* L. FROM NORTHERN ALGERIA: PHARMACOLOGICAL POTENTIAL AND ENVIRONMENTAL IMPLICATIONS**, Sofiane GUETTAF, Lamri TEDJAR, Abdelmoumen BENMERZOUG, Nouredine LAADEL, Abdelmalek OULMI, Nadia BENZIDANE, Khaled SAADI
- P 233 POTENTIAL SOURCE OF PLANT BIOMASS FOR BIOFUEL PRODUCTION**, Zineb MAHI, Bouhameur MANSOUR, Moulay BELKODJA
- P 234 COMPARISON OF DISTRIBUTION OF PINE PROCESSIONARY *THAUMETOPOEA PITYOCAMPA* (DENIS & SCHIFFERMÜLLER, 1775) IN THE AREAS OF MOSTAR, LIVNO AND TOMISLAVGRAD MUNICIPALITIES**, Denjsa ŽUJO ZEKIĆ, Emina ADEMOVIĆ, Alisa HADŽIABULIĆ, Elma TEMIM, Jasmina ALIMAN, Alma COLAK
- P 235 A DAMAGE ASSESSMENT OF THE BEECH-FIR ECOSYSTEM AFTER EXPLOITATION**, Fatima MUHAMEDAGIĆ, Zemira DELALIĆ, Nihad GERZIĆ, Merjem HUSKIĆ
- P 236 INVASIVE ALIEN PLANT SPECIES OF THE MUNICIPALITY OF GRUDE (BOSNIA AND HERZEGOVINA)**, Mate BOBAN, Helena BREKALO, Safija BOŠKAILO, Toni GALIĆ, Aldin BOŠKAILO, Danijela PETROVIĆ
- P 237 DIVERSITY OF ENDEMIC PLANTS AT SPRING OF BUNICA AND BUNA CHANNELS, BOSNIA AND HERZEGOVINA**, Lejla RIĐANOVIĆ, Robert KEPIĆ, Emina ADEMOVIĆ, Sanel RIĐANOVIĆ
- P 238 HOW TO ACHIEVE LAND DEGRADATION NEUTRALITY? INSIGHTS FROM THE REPUBLIC OF SRPSKA**, Marijana KAPOVIĆ SOLOMUN, Milica VRANEŠEVIĆ, Maja MESELDŽIJA, Vanja DANIČIĆ, Ilija ČIGOJA, Carla FERREIRA,
- P 239 NATURE-BASED SOLUTIONS FOR CLIMATE RESILIENCE IN THE WESTERN BALKANS**, Marijana KAPOVIĆ SOLOMUN, Milica VRANEŠEVIĆ, Maja MESELDŽIJA, Vanja DANIČIĆ, Ilija ČIGOJA, Carla FERREIRA,
- P 240 ETHNOBOTANICAL ANALYSIS OF THE TRADITIONAL USE OF WILD PLANTS AND MUSHROOMS IN THE AREA OF BUSOVAČA (BOSNIA AND HERZEGOVINA)**, Iva RELOTA, Sandra MEDIC, Antonela MUSA, Safija BOŠKAILO, Aldin BOŠKAILO, Danijela PETROVIĆ

- P 241 GREENHOUSE GAS OPTIMISATION STRATEGY IN COLOMINE (EAST CAMEROON),** Herman TENEDJOU, Guy KOUAMOU, William NGAMO
- P 242 WATER RETENTION CHARACTERISTICS OF TERRA ROSSA IN RELATION TO HUMUS CONTENT,** Aleksandra BENSA, Mirjam NIKOLIĆ, Danijela JUNGIC, Nikolina JURKOVIĆ BALOG
- P 243 SPATIAL AND TEMPORAL HISTORICAL LANDSCAPE CHANGE IN A MICRO BIODIVERSITY HOTSPOT OF GREECE,** Asimina SKOUTERI, Vassilios P. PAPANASTASIS
- P 244 ASSESSMENT OF NITROGEN AND PHOSPHORUS IN WASTEWATER FOR USE IN AGRICULTURE IN THE APULIA REGION, ITALY,** Sarah GREGORIO, Maria Cristina DE MATTIA, Ezio RANIERI
- P 245 FLOWERING AND FRUITING BIOLOGY OF PYRUS ELAEAGNIFOLIA PALL. IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA,** Irina SFECLĂ, Elena TOFAN-DOROFEEV
- P 246 CONTRIBUTIONS TO THE STUDY OF THE SPECIES PULSATILLA GRANDIS WENDER. EX SITU IN THE REPUBLIC OF MOLDOVA,** Olga IONITA
- P 247 EPIPACTIS MUELLERI GODFERY (ORCHIDACEAE) – A NEW SPECIES FOR THE FLORA OF REPUBLIC OF MOLDOVA,** Olga IONITA
- P 248 LONG-TERM EFFECTS OF CONSERVATION AGRICULTURE ON SOIL PROPERTIES - A CASE STUDY,** Alae BADDU, Rachid MOUSSADEK, Mohamed CHIKHAOU
- P 249 DETERMINANTS OF INDIVIDUAL PREFERENCES FOR UNCONVENTIONAL WATER FOR IRRIGATION USE,** Ahmed AMGHAR, El Houssaine ERRAOUI, Fouad ELAME
- P 250 COMPARATIVE ANALYSIS AND BENEFIT/COST ASSESSMENT OF ORGANIC TREATMENTS APPLIED TO VEGETABLE CROPS,** Fouad ELAME, Azim KAHLID
- P 251 HARNESSING NANOTECHNOLOGY TO ENHANCE ABIOTIC STRESS RESILIENCE IN HORTICULTURAL AND FIELD CROPS,** Muhammad TARIQ, Muhammad Zaighum NAWAZ, Hafiz Muhammad Jabbar ANSARI
- P 252 SIDEROPHORE PRODUCTION BY PSEUDOMONAS LUTEOLA STRAINS UNDER CADMIUM STRESS,** Małgorzata MAJEWSKA, Monika TYSZKO
- P 253 STRUCTURAL AND CHEMICAL TRANSFORMATION OF VINE PRUNING RESIDUES DURING COMPOSTING,** Henda LOPES, Elisabete GONÇALVES, Maria MORAIS, Tiago AZEVEDO, Virgílio FALCO, Henrique TRINDADE, Ana COIMBRA, João SOUSA, Paula OLIVEIRA, Marta ROBOREDO
- P 254 ASSESSMENT OF ERODIBILITY INDICES AND THE DEGREE OF SOIL AGGREGATION DEPENDING ON THE TYPE OF LAND USE (EASTERN SERBIA),** Boško GAJIC, Milan ĐORĐEVIĆ, Miloš MANIĆ, Mrđan ĐOKIĆ, Ranko DRAGOVIĆ, Aleksandar ČUPIĆ, Mihajlo JOVIĆ, Ivana SMICIKLAS, Snežana DRAGOVIC
- P 255 IMPROVING MAIZE AGRONOMIC POTENTIAL: THE IMPACT OF Ag-N@MOF ON GERMINATION AND PHYSIOLOGICAL TRAITS,** Daniela ĐIKANOVIĆ, Dunja BANDUR, Dragana BARTOLIĆ, Mira STANKOVIĆ, Miloš PROKOPIJEVIĆ, Olivera PRODANOVIĆ, Manuel ALGARRA, Ana MIHAJLOV, Ksenija RADOTIĆ
- P 256 LIGNOCELLULOSIC ARCHITECTURE AND BIOCONVERSION POTENTIAL OF ARUNDO DONAX AND ZEA MAYS: A FLUORESCENCE APPROACH,** Daniela ĐIKANOVIĆ, Dragana BARTOLIĆ, Mira STANKOVIĆ, Gabor STENBACH, Miloš PROKOPIJEVIĆ, Aleksandar KALAUZI, Ksenija RADOTIĆ
- P 257 INFLUENCE OF DRYING TREATMENT ON ANTIOXIDANT ACTIVITY IN FOUR DIFFERENTLY PIGMENTED MAIZE (ZEA MAYS L.) SEED CULTIVARS,** Daniela ĐIKANOVIĆ, Miloš PROKOPIJEVIĆ, Mira STANKOVIĆ, Olivera PRODANOVIĆ, Branka ŽIVANOVIĆ, Ksenija RADOTIĆ, Dragana BARTOLIĆ
- P 258 SOIL DEGRADATION AND STABILIZATION STRATEGIES IN THE SUBOTICA-HORGŐS SAND AREA,** Đorđe KRSTIĆ, Željana PRIJIĆ, Svetlana VUJIĆ, Nataša KRSTIĆ, Hajnalka BOGNAR PASTOR, Grgur STIPIĆ, Branko ČUPINA

P 259 THE IMPACT OF HARVEST TIME ON THE CONTENT OF POLYPHENOLIC COMPOUNDS AND ANTIOXIDANT CAPACITY OF FRUITS OF *Chaenomeles japonica* (Thunb.) Lindl. ex Spach, Mirjana OCOKOLJIĆ, Jelena ČUKANOVIĆ, Radenka KOLAROV, Djurdja PETROV, Nevenka GALEČIĆ, Dejan SKOČAJIĆ, Isidora SIMOVIĆ

P 260 THE IMPACT OF LOCAL ADAPTATION ON THE PHENOLOGICAL PATTERNS OF FLOWERING IN *Buddleja davidii* 'PINK DELIGHT' IN KARADORĐEV PARK, BELGRADE (SERBIA), Mirjana OCOKOLJIĆ, Nevenka GALEČIĆ, Dejan SKOČAJIĆ, Jelena ČUKANOVIĆ, Radenka KOLAROV, Dragan VUJIČIĆ, Djurdja PETROV

P 261 A STUDY ON THE FLOWERING CHARACTERISTICS OF *CHAENOMELES* × *SUPERBA* 'PINK LADY', Mirjana OCOKOLJIĆ, Djurdja PETROV, Nevenka GALEČIĆ, Dejan SKOČAJIĆ, Sara ĐORĐEVIĆ, Radenka KOLAROV, Jelena ČUKANOVIĆ

P 262 SPATIAL USE AND THE NEEDS OF VISITORS OF THE BOJČIN FOREST NATURE MONUMENT (BELGRADE, SERBIA), Jovana PETROVIĆ, Nenad STAVRETOVIĆ, Dušan JOKANOVIĆ, Vesna NIKOLIĆ JOKANOVIĆ

P 263 INVASIVE AND ALLERGENIC PLANT SPECIES ON RUNNING TRAILS OF ADA CIGANLIJA (BELGRADE, SERBIA), Jovana PETROVIĆ, Nenad STAVRETOVIĆ, Dušan JOKANOVIĆ, Vesna NIKOLIĆ JOKANOVIĆ

P 264 STRENGTHENING ORGANIZATIONAL QUALITY THROUGH ISO 9001 AND ISO 10005 INTEGRATION, Marija PEROVIĆ, Marija TODOROVIĆ, Tatjana MITROVIĆ

P 265 ENVIRONMENTAL BEHAVIOR AND TRACER POTENTIAL OF FLUORIDE IN GROUNDWATER, Marija PEROVIĆ, Tatjana MITROVIĆ

P 266 BEE-ING IN THE NEWS: ANALYZING SERBIAN NEWSPAPER COVERAGE OF BEES, Snežana POPOV, Zlata MARKOV RISTIĆ, Dušanka VUJANOVIĆ

P 267 TOXICOLOGICAL RISKS PEDICTION OF THE METOLACHLOR HERBICIDE AS ENVIRONMENTAL CONTAMINANT, Tatjana MITROVIĆ, Darija OBRADOVIĆ, Saša LAZOVIĆ, Marija PEROVIĆ

P 268 ECOLOGICAL STATUS EVALUATION OF SERBIAN SURFACE WATERS BASED ON PHOSPHORUS CONCENTRATIONS, Tatjana MITROVIĆ, Marija PEROVIĆ, Tijana MILICEVIĆ

P 269 APPLYING SWOT ANALYSIS TO THE VALUATION OF POLLINATION ECOSYSTEM SERVICES, Zlata MARKOV RISTIĆ, Sonja MUDRI-STOJNIC

P 270 CULTIVATION OF HOVERFLIES ON FARMS: BIOLOGICAL, PRACTICAL AND ECONOMIC PERSPECTIVES, Zlata MARKOV RISTIĆ, Snežana POPOV

P 271 ASSESSING BANANA CROP WATER STRESS USING UAV-BASED THERMAL AND MULTISPECTRAL DATA UNDER CLIMATE VARIABILITY, Jesús J. APESTEGUÍA-CARABALLO, Osvaldo RENZ, Enrique CASAS, Domingo RIOS, Manuel ARBELO

P 272 COMBINED USE OF UNCONVENTIONAL WATER AND DEFICIT IRRIGATION IN MINT AND LAVENDER PLANTS, María Fernanda ORTUÑO, María José GOMEZ-BELLOT, Sebastián BAÑON, Pedro NORTES, María Jesús SANCHEZ-BLANCO

P 273 BIOCASCADE APPROACH TO VALORIZE OKARA BY USING SUBCRITICAL WATER TO OBTAIN VALUABLE COMPOUNDS: SCALING UP THE PROCESS, Pedro BAREA, Alba E. ILLERA, Rodrigo MELGOSA, Óscar BENITO ROMAN, Helena CANDELA, Sagrario BELTRÁN, María Teresa SANZ

P 274 PRODUCTION OF CELLULOSE NANOFIBERS FROM ONION PEELS USING NADES AND MICROFLUIDIZATION: A SUSTAINABLE VALORIZATION STRATEGY, Óscar BENITO-ROMAN, Sagrario BELTRÁN, María Teresa SANZ

P 275 SUSTAINABLE LACTIC ACID PRODUCTION FROM AGRIFOOD RESIDUES VIA SUBCRITICAL WATER HYDROLYSIS AND NANOFILTRATION, Rodrigo MELGOSA, Pedro BAREA, Alba Ester ILLERA, Helena CANDELA-GIL, Óscar BENITO-ROMAN, María Teresa SANZ, Sagrario BELTRÁN

P 276 BIOREFINERY CONCEPT TO VALORIZE OLIVE LEAVES AND TWIGS GENERATED IN THE OLIVE MILL BY MILD SUBCRITICAL WATER, Alba E. ILLERA, M. Teresa SANZ, Óscar BENITO-ROMAN, Rodrigo MELGOSA, Vincenzo LIONETTI, Giulia CAMINADA, Nicola D'AVANZO, Mariagrazia GENTILE, Sagrario BELTRÁN

- P 277 ANALYZING PRESSURE FROM RECREATIONAL USE IN BELGRAD FOREST THROUGH THE DPSIR FRAMEWORK**, Gizem ŞAHİN
- P 278 ZEIN-BASED NANOCARRIERS FOR GASTRIC DELIVERY OF STYRAX LIQUIDUS: PHYSICOCHEMICAL CHARACTERIZATION AND BIOLOGICAL ACTIVITY**, Mehmet TORUN, Eda ÜLKERYILDIZ-BALÇIK, Hilal ŞAHİN-NADEEM, Gulderen COSGUN, Dilara KONUK-TAKMA, Mahmut YILDIZTEKİN, Ramazan MAMMEDOV, Aleyna GEZEN, Emine YAZICI, Ece OYLUMLU, Gamze TANRIOVER
- P 279 ENVIRONMENTAL PROTECTION AND NATURAL RESOURCE MANAGEMENT**, Muhammad HUZAIFA BAIG, Sunil AMRITH
- P 280 A STUDY OF FOOD WASTEWATER IMPACT ON FOREST HEALTH**, Margaryta MITISHOVA, Larysa SIZIKOVA, Larysa VOITENKO
- P 281 RADIOECOLOGICAL CRITICALITY IN UKRAINIAN POLISSIA: GIS MODELING FOR INFORMED REGIONAL PLANNING**, Iryna MCDONALD, Liudmyla RAICHUK, Tetiana KUCHMA
- P 282 DETERMINANTS OF THE ADOPTION OF FOREST ZAİ AND PROSPECTS FOR PROMOTING THE TECHNOLOGY IN YATENGA (BURKINA FASO)**, Mahamoudou KOUTOU, Alexandre Boundia THOMBIANO, Souleymane KARAMBIRI, Denis OUEDRAOGO
- P 283 GERMLASM COLLECTIONS OF NEGLECTED AND UNDERUTILIZED SPECIES AS RESEARCH AND CONSERVATION PLATFORMS FOR THEIR VALORIZATION**, Zakaria KIEBRE, Mariam KIEBRE, Romaric Kiswendsida NANEMA, Fanta Sheirita Reine TIETIAMBOU, Veli-Matti ROKKA, Hamid EL BILALI, Filippo ACASTO, Jacques NANEMA
- P 284 SUSTAINABLE AGRARIAN LAND USE SYSTEM (SALUS) IN SOUTH WESTERN CAMEROON (SWC), CENTRAL AFRICA, USING BANANAS, TREES AND BIOFORTIFIERS**, Patrick SAMA-LANG
- P 285 THE DESERT LOCUST POPULATIONS IN MOROCCO DURING (2003/2004) AND (2024/2025)**, Abbassi KHADIJA
- P 286 RURAL MOUNTAIN AREAS FACING SOCIO-ENVIRONMENTAL CHANGES: A TRANSVERSAL APPROACH THROUGH ECONOMIC AND SOCIAL SCIENCES**, Salma BATTOUI, Mustapha OUATMANE
- P 287 EXPANSION OF IRRIGATED AGRICULTURE IN ARID AREAS: A GROWING THREAT TO HYDROAGROSYSTEMS SUSTAINABILITY**, Younes FAKIR, Michel LE PAGE, Hamza OUATIKI, Houssne BOUIMOUASS, Lahcen BENAABIDATE, Abdelghani CHEHBOUNI
- P 288 ABATTOIR OPERATIONS AND THEIR ECOLOGICAL FOOTPRINT: IMPLICATIONS FOR CLIMATE RESILIENCE AND JUSTICE IN GWAGWALADA, ABUJA, NIGERIA**, M. A. OKE.
- P 289 CARBON FRACTIONATION UNDER CONSERVATION AND CONVENTIONAL TILLAGE PRACTICES IN RICE-WHEAT CROPPING SYSTEM (RWCS)**, Ahmad RAZA, Bushra MAJEED, Adnan ZAHID
- P 290 BIOLOGICAL CONTROL OF AMERICAN FOULBROOD DISEASE OF HONEYBEE (APIS MELLIFERA) BY BACTERIAL METABOLITES**, Baharullah KHATTAK, Khalil ULLAH, Syed Ishtiaq ANJUM
- P 291 THE ROLE OF SUSTAINABLE FOREST RESOURCE MANAGEMENT IN THE SOCIOECONOMIC GROWTH OF THE EASTERN MOUNTAINS OF GALICIA**, Ignacio J. DIAZ-MAROTO
- P 292 OVERVIEW OF THE BOD/COD RELATIONSHIP AS INDICATOR OF RIVER POLLUTION. ISHMI RIVER**, Vjola SALIAGA, Viola BAKILLARI, Seit SHALLARI, Fatbardh SALLAKU, Ilir KRISTO
- P 293 MOLECULAR AND AGRO-MORPHOLOGY BIODIVERSITY OF WILD PISTACIA IN JORDAN**, Wesam AL KHATEEB, Mohanad ALJARRAH, Mohammad BRAKE, Ahmad EL-OQLAH
- P 294 RISK PERCEPTION IN PUBLIC TRANSPORT MOBILITY DURING THE PANDEMIC IN THE LITERATURE PUBLISHED FROM 2020 TO 2024 IN INTERNATIONAL REPOSITORIES**, Julio E. CRESPO, Celia Yaneth Quiroz CAMPAS, Cruz García LIRIOS, Germán MORENO
- P 295 ENHANCING LACCASE YIELD IN BACILLUS SUBTILIS BY UV-INDUCED MUTAGENESIS**, Wooda FAROOQ, Muhammad ANJUM ZIA, Shazaf GUL

- P 296 PRECISION FARMING AND CLIMATE-SMART AGRICULTURE IN PAKISTAN: FUTURE PROSPECTS AND CHALLENGES**, Muhammad Naveed ASHRAF, Muhammad Usman ASGHAR, Basharat Ali SALEEM, Malik Fiaz Hussain FERDOSI
- P 297 MORPHOLOGICAL ANALYSIS OF NUTRIENT-COATED BIOCHAR SUBSTRATE VIA SEM AND FIB-SEM: STRUCTURAL TRANSFORMATIONS UNDER SIMULATED IRRIGATION AND NUTRIENT CYCLING**, Tahir MUHMOOD, Ali FARAN
- P 298 INTEGRATED STATISTICAL APPROACHES TO SUSTAINABLE AQUACULTURE DEVELOPMENT: INSIGHTS FROM THE BALTIC SEA REGION FOR ENVIRONMENT PROTECTION AND NATURAL RESOURCE MANAGEMENT**, Inese SKAPSTE
- P 299 FISCAL POLICY AGAINST CLIMATE CHANGE: AN EVALUATION IN TERMS OF CONFLICTS AMONG THE OBJECTIVES OF FISCAL POLICY**, S. Sami TAN

Working committee

Chairpersons: Tumen WULIJI, António José FERNANDES, Fahri YAVUZ

- P 300 EFFECT OF DIETARY SUPPLEMENTATION OF DITTRICHIA VISCOSA LEAFS ON GROWTH PERFORMANCE IN BROILER CHICKENS**, El-Hacene BALLA, Cylia RABIA, Abdelhanine AYAD
- P 301 FIRST DATA OF MORPHOMETRIC CHARACTERISATION OF VARROA DESTRUCTOR FROM OULED BELHADJ (ALGERIA)**, Fatma GUEDADA-GOUGAM, Messaouda BELAID, Fatima TOUDERT-DJOUBER, Houda BOURAGHDA
- P 302 COMPARATIVE STUDY OF FOOD VALUE OF PERMANENT MOUNTAIN GRASSLAND AT THE BEGINNING AND 2ND CYCLE IN KABYLIA, (ALGERIA) USING PRIVALIM SOFTWARE**, M. ABBAD-BENNOUR, M. BELAID, Fatiha BENATMANE, R. AMRANE, F. BAICHE, K. KHELIL
- P 303 LOSS OF BODY WEIGHT, WATER CONTENT AND IMMUNOLOGICAL ALTERATION, IN WORKER HONEY BEE (APIS MELLIFERA L) INFESTED WITH VARROA DESTRUCTOR**, Messaouda BELAID, Ounassa BRANKIA-SADI, Fatima TOUDERT-DJOUBER
- P 304 CHANGES IN BIOCHEMICAL AND FUNGAL COMMUNITIES OF THE ABDOMINAL CUTICLE OF WORKER HONEYBEE (APIS MELLIFERA L) PARASITIZED BY VARROA DESTRUCTOR**, Messaouda BELAID, Fatima DJOUBER, Karima TALEB
- P 305 EVALUATION OF EGGSHELL HYGIENE AND QUALITY OF TABLE EGGS FOLLOWING SURFACE DISINFECTION WITH LIQUID CHLORINE DIOXIDE**, Ajla ALIŠAH, Nedim BEGIĆ, Julijana TRIFKOVIĆ, Miroslav LALOVIĆ, Abdulah GAGIĆ
- P 306 RAW MILK QUALITY AS A BASIS FOR CHEESE PRODUCTION**, Drazenko BUDIMIR, Milijana ŠKRBIĆ
- P 307 BACTERIA AND LOWER RESPIRATORY TRACT DISEASES IN HORSES**, Mariyana NIKOLOVA, Sasho SABEV
- P 308 IMMUNOHISTOCHEMICAL EVALUATION OF RUNX2 AND SATB2 IN CANINE OSTEOSARCOMA: PRELIMINARY DIAGNOSTIC AND PATHOGENIC INSIGHTS**, Petronela MUNTEANU, Ilaria PORCELLATO, Katharina M.J. TENORIO, Leonardo LEONARDI
- P 309 HETEROSIS IN AWASSI-CHIOS CROSSBRED LAMBS**, Mohammad D. OBEIDAT
- P 310 PRODUCTIVITY AND EGG QUALITY OF LAYING HENS FED WITH BLACK SOLDIER FLY (HERMETIA ILLUCENS) LARVAE MEAL**, Aiga NOLBERGA-TRŪPA, Niklāvs KLEINS, Kārlis SAMS
- P 311 EVALUATION OF SORBENT EFFICACY IN MITIGATING AMMONIA AND GHG EMISSIONS FROM CATTLE MANURE STORAGE**, Gitana KADŽIENĖ, Daiva STANKEVIČIENĖ, Remigijus JUŠKA, Robertas JUODKA, Violeta JUŠKIENĖ
- P 312 PHYSIOLOGICAL AND BIOCHEMICAL ASSESSMENT OF JAPANESE QUAIL MEAT AND BLOOD PROFILES BY AGE AND GENDER**, Rūta BUDRECKIENĖ, Jurgita DAILIDAVIČIENĖ, Kamilė KIRKLYTĖ-STOŠKIENĖ
- P 313 THE INFLUENCE OF THE LEPTIN GENE ON MILK PRODUCTION IN 3 CONSECUTIVE LACTATIONS IN HOLSTEIN FRIESIAN CATTLE**, Igor ESMEROV, Radmila CRCEVA NIKOLOVSKA, Nikolay MARKOV, Risto UZUNOV, Ljupco ANGELOVSKI Aleksandra ANGELESKA, Ljubco MICKOV
- P 314 CATCH COMPOSITION OF ATLANTIC HORSE MACKEREL *Trachurus trachurus* (Linnaeus, 1758) IN MONTENEGRIN OTTER TRAWL FISHERY (ADRIATIC SEA)**, Zdravko IKICA, Ilija CETKOVIĆ, Ana PEŠIĆ, Olivera MARKOVIĆ, Mirko ĐUROVIĆ, Vladan VUKOVIĆ, Aleksandar JOKSIMOVIĆ
- P 315 THE IMPACT OF THE TIME OF CATTLE STAY IN LIVESTOCK WAREHOUSES IN SLAUGHTERHOUSE ON SELECTED PARAMETERS OF MEAT**, Barbara TOMBARKIEWICZ, Przemysław PAPROCKI, Joanna MAKULSKA, Michał CUPIAŁ, Władysław MIGDAŁ

- P 316 GRASS-FED BEEF FROM CARPATHIAN AGRO-ECOLOGICAL FARMS**, Joanna MAKULSKA, Andrzej WĘGLARZ, Władysław MIGDAŁ, Barbara TOMBARKIEWICZ, Michał CUPIAŁ, Marcin WOJCIEK
- P 317 ASSESSMENT OF THE ECONOMIC VIABILITY OF SELLING CALVES AGED TO 8 MONTHS**, Luís SANTA MARIA
- P 318 PHARMACEUTICAL CONTAMINANTS IN AQUATIC ENVIRONMENTS: IMPACT ON EDIBLE FISH AND SUSTAINABLE MANAGEMENT PERSPECTIVES**, Daniela-Nicoleta ROPOTAN, Lorena DEDIU
- P 319 THE EFFICACY OF SPPV LIVE ATTENUATED VACCINE FOR THE PREVENTION OF LUMPY SKIN DISEASE IN THE RUSSIAN FEDERATION**, Natalya KICHEMAZOVA, Anna LYAPINA, Olga LARIONOVA, Valentina FEODOROVA
- P 320 DEVELOPMENT OF COMPETENCES OF VETERINARIANS AND ANIMAL HUSBANDRY ENGINEERS FOR BIOSECURITY MEASURES IMPLEMENTATION ON ANIMAL FARMS**, Branislav STANKOVIC, Slavča HRISTOV, Dimitar NAKOV, Sonja OBRENOVIC, Milica RADJENOVIC, Ivana MILOSEVIC-STANKOVIC
- P 321 THE INFLUENCE OF WEATHER ON THE QUALITY OF HONEY IN RASINA REGION FOR THE PERIOD OF 2019-2024**, Goran JEVTIĆ, Snežana BABIĆ, Snežana ANĐELKOVIĆ, Đorđe LAZAREVIĆ, Mirjana PETROVIĆ, Vladimir ZORNIĆ, Kazimir MATOVIĆ
- P 322 PORCINE REPRODUCTIVE RESPIRATORY SYNDROME AS A HEALTH PROBLEM IN SWINE PRODUCTION**, Jovan BOJKOVSKI, Sreten NEDIĆ, Syeta ARSIĆ, Radiša PRODANOVIC, Aleksandra MITROVIĆ, Branko ANGELOVSKI, Milan NINKOVIĆ
- P 323 DIARRHEA IN NEONATAL CALVES**, Milan NINKOVIĆ, Jadranka ŽUTIĆ, Nemanja JEZDIMIROVIĆ, Aleksandra TASIĆ, Jovan BOJKOVSKI, Sveta ARSIĆ, Nemanja ZDRAVKOVIĆ
- P 324 THE EFFECT OF OXALIC ACID ON THE CONTROL OF VARROA DESTRUCTOR DURING AUTUMN SEASON 2023 AND 2024**, Nebojša NEDIĆ, Denis VOJT, Kazimir MATOVIĆ, Goran JEVTIĆ
- P 325 ORGANIC CONTAMINANTS IN HONEY FROM URBAN AREA**, Nebojša NEDIĆ, Iveta PUGAJEVA, Milica JOVETIĆ
- P 326 CONSTRUCTIVE ALIGNMENT OF LEARNING OUTCOMES, TEACHING METHODS AND ASSESSMENT STRATEGIES IN THE FARM ANIMAL BIOSECURITY COURSE**, Slavica HRISTOV, Branislav STANKOVIC, Dimitar NAKOV, Milica RADJENOVIC
- P 327 CHARACTERISTICS OF KAJMAK PRODUCED IN THE VALJEVO AREA IN SERBIA**, Tanja VUČIĆ, Snežana JOVANOVIĆ, Kristina SOFRONIĆ
- P 328 EFFECT OF PROTEASE AND SEX ON CARCASS QUALITY AND ABDOMINAL FAT OF SLOW-GROWING HYBRID OF CHICKEN**, Vladimir DOSKOVIĆ, Snežana BOGOSAVLJEVIĆ-BOŠKOVIĆ, Zdenka ŠKRBIĆ, Miloš LUKIĆ, Bojan STOJANOVIĆ, Simeon RAKONJAC, Veselin PETRICEVIĆ
- P 329 EVALUATION THE EFFECT OF AGE AT FIRST CALVING ON MILK PRODUCTION IN POPULATION OF THE SLOVAK SPOTTED DAIRY COWS**, Jozef BUJKO, Juraj CANDRÁK, Radovan KASARDA
- P 330 EFFECT OF RUMINAL PH ALTERATION ON METHANE PRODUCTION AND FERMENTATION CHARACTERISTICS**, Mohamed G. EMBABY, Grace C. HANDLOS, Khaled R. AHMED, Amer ABUGHAZALEH
- P 331 STUDY ON EFFECT OF ONION ON GROWTH OF BROILERS CHICKENS**, Naeem Jan ADIL
- P 332 ASSESSMENT OF HONEY PRODUCTION AND BEEKEEPING PRACTICES IN AFGHANISTAN: OPPORTUNITIES AND CHALLENGES**, Qimat Gul DARMAL
- P 333 VARIABILITY OF POLLEN COLLECTED BY APIS MELLIFERA INTERMISSA IN A MOUNTAINOUS REGION OF ALGERIA**, Fatima DJOUBER-TOUDERT, Messaouda BELAID
- P 334 EFFECT OF RHIZOSPHERIC BACTERIA IN CONTROLLING FUSARIUM WILT**, Redouan QESSAOUI, Safouane BENJAAA, Salahddine CHAFIKI, Abdelmalk MAHROUG, Soumaya EL ASSRI, Abdelhadi AJERRAR, Hasna ELHJOUJI, Mohamed ALOUANI, Rachid BOUHARROUD

P 335 STUDY OF GASTROINTESTINAL HELMINTHS IN TRADITIONALLY RAISED CHICKENS (GALLUS DOMESTICUS) AND GUINEA FOWLS (NUMIDA MELEAGRIS) IN LOUMBILA, BURKINA FASO, Magloire BOUNGOU, Ousmane BAMOGO, Mohamed BAGAYAN, Yamba SINARÉ

P 336 ECO-PARASITOLOGICAL ANALYSIS OF GILL MONOGENEANS INFESTING CICHLIDAE IN BURKINA FASO: SPECIES DIVERSITY, HOSTS, AND SEASONAL VARIATIONS, Nakoula Emile ZOUGOURI, Magloire BOUNGOU

P 337 PORTUGUESE CONSUMERS' PREFERENCE REGARDING THREE PROTECTED DESIGNATION OF ORIGIN TRANSMONTANO GOATLING BUTCHER PIECES, António José FERNANDES, Fernando SOUSA, Dina AVEIRO, Maria Isabel RIBEIRO

P 338 THE DAIRY VALUE CHAIN IN RWANDA: BETWEEN COOPERATIVE STRUCTURING AND INDIVIDUAL DEVELOPMENT STRATEGIES: THE CASE OF THE NYAGATARE REGION, Moutaz ALHAMADA, Silène CARRIER, Michel VAILLANT, Alfred BIZOZA, Jean D'amour MARINERE, Placide KANYABUJINJA NSHUTI, Ludovic ANDRES

P 339 EFFECTS OF FARMING SYSTEMS AND PRESERVATION METHODS ON BEEF MEAT QUALITY, Selma BERNIER-BOUREAU, Lucas DEVAL, Alice AUBIN, Manon HAUDEBERT, Ludovic ANDRES, Moutaz ALHAMADA

P 340 COMPARING GROWTH PERFORMANCE OF VARIOUS STRAINS OF BEETAL GOAT BREED UNDER FARM AND FIELD CONDITIONS OF PUNJAB, PAKISTAN, Hafiz M. WAHEED, Muhammad MOAEEN-UD-DIN, Ghulam BILAL, Muhammad SAJJAD KHAN, James M. REECY, Muhammd SAIF-UR-REHMAN, Muhammad ASIM

P 341 GREEN FABRICATED ZINC OXIDE NANOPARTICLES AS NEXT-GENERATION BACTERICIDAL AGENT AGAINST PATHOGENIC POULTRY BACTERIA, Muhammad Nadeem AKHTAR, Ayesha QAISAR, Abdul SAMIH ANSAR, Murtaz UL HASSAN, Muhammad SHOAI B, Saif UR REHMAN, Muhammad KAMRAN, Aayesha RIAZ, Muhammad Zishan AHMAD, Syeda Maryam HUSSAIN, Muhammad FIAZ, Muhammad FAROOQ IQBAL, Zaib UR REHMAN, Muhammad Ali SHAH, Muhammad USMAN, Ali AHMAD, Zahid MANZOOR

P 342 PREVALENCE AND ECONOMIC IMPACT OF WARBLE FLY INFESTATION IN CATTLE AND BUFFALOES IN DISTRICT RAWALPINDI PUNJAB, PAKISTAN, Murtaz UL HASAN, Muhammad NISAR KHAN, Rao ZAHID ABBAS, Muhammad SHOAI B, Abdul ASIM FAROOQ, Arfan YOUSAF, Saif UR REHMAN, Zahid MANZOOR, Muhammad KAMRAN, Aayesha RIAZ

Conference Hall F (Hotel Vucko)**Friday, (October 3rd, 2025), 17:10 - 17:40****Working committee**

Chairpersons: Hamid El BILALI, Aleksejs ZACEPINS, Mustapha OUATMANE

- P 343 ANALYSIS OF WHOLESALE MARKET INTEGRATION AND SMALLHOLDER MARKETING STRATEGIES: A CASE STUDY OF THE APPLE SECTOR IN MOROCCO**, JAAFARY KHADIJA, MAATALA NASSREDDINE, BURTE JULIEN, BEKKAR YOUNES, BURNY PHILIPPE
- P 344 FAMILY FARMING VIABILITY IN MOUNTAIN OASES: A CASE STUDY OF M'SEMRIR-TILMI, MOROCCO**, Jaafary KHADIJA, Maatala NASSREDDINE, Burte JULIEN, Bekkar YOUNES
- P 345 PUBLIC POLICIES, PRIVATE INITIATIVES AND RURAL DEVELOPMENT FOR CLIMATE-RESILIENT AGRICULTURE IN BOSNIA AND HERZEGOVINA**, Branka TOPIC-PAVKOVIC
- P 346 BUYING BEHAVIOUR IN CONSUMERS OF FRESH VEGETABLES**, Elma SEFO, Zrinka KNEZOVIĆ, Anamarija SEVO
- P 347 FISH CONSUMPTION PREFERENCES AND CONSUMER CHARACTERISTICS IN HERZEGOVINA-NERETVA CANTON, BOSNIA AND HERZEGOVINA**, Predrag IVANKOVIC, Marija LASIĆ, Luka DRAGICEVIĆ
- P 348 ANALYSIS OF THE ECONOMIC PROFITABILITY OF DIFFERENT BELL PEPPER PRODUCTION METHODS**, Radomir BODIROGA, Milica STOJANOVIC, Uroš GALINAC, Ljubiša ŠEVKUŠIĆ, Koštana VINČIĆ
- P 349 SUPPLY CHAIN FINANCE AS A FUNDING OPPORTUNITY FOR FARMERS**, Zorica GOLJIĆ, Saša LALIĆ
- P 350 INCLUSIVE GREEN FINANCE: IMPORTANCE FOR STRENGTHENING THE AGRICULTURAL RESILIENCE TO CLIMATE CHANGE**, Zorica GOLJIĆ
- P 351 EXPLORING SUSTAINABLE DAIRY DRINK FORMULATIONS USING PASSION FRUIT PEEL FLOUR AND WHEY AS CO-PRODUCTS**, Diogo MAUS, Noelia S. BEDOYA-PERALES
- P 352 CONCEPTUAL FRAMEWORK FOR THE STUDY OF THE IMPACT OF AGRICULTURAL POLICIES ON DAIRY FARMING: CASE OF RWANDA**, Ludovic ANDRES, Augustine REMY, Moutaz ALHAMADA, Placide KANYABUJINJA NSHUTI, Alfred BIZOZA, Jean D'amour MARINERE
- P 353 FACTORS INFLUENCING FARMERS' PARTICIPATION IN IRRIGATION CANAL MANAGEMENT: A STUDY FROM PASHTUN ZARGHUN, HERAT, AFGHANISTAN**, Mohammad Sadegh ALLAHYARI, Wakil Ahmed AMINI, Sinisa BERJAN, Soroush MARZBAN, Fatemeh ASKARI, Abdullah FAIZ
- P 354 FARMING AND FARMERS AMIDST CLIMATE CHANGE: IMPACTS OF CARBON CREDITS ON SUSTAINABILITY AND RESILIENCE**, Fatima OMRAN, Mazen BARAKAT, Hamid EL BILALI, Sinisa BERJAN
- P 355 AGRICULTURAL RESEARCH IN SUDAN**, Hamid EL BILALI, Andrea BOZZETTO, Samuele PEDRAZZANI, Khidir RAMADAN, Mohamed Abdelhameed MOHAMED, El Fadil Ahmed ISMAIL
- P 356 PARTICIPATION OF SMALL AND MEDIUM-SIZED FARMS IN GREEN PUBLIC TENDERS: THE LITHUANIAN CASE OF SCHOOLS AND KINDERGARTENS**, Nelė JURKĖNAITĖ, Aldona STALGIENĖ
- P 357 TECHNOLOGICAL DIVERSITY AND EFFICIENCY IN DAIRY FARMING: A LITHUANIAN CASE STUDY**, Rūta SAVICKIENĖ
- P 358 INNOVATIVE APPLICATIONS OF FLUORESCENCE SPECTROSCOPY FOR ENSURING OLIVE OIL AUTHENTICITY**, Muhammad WAQAS, Azhar MEHMOOD, Basharat Ali SALEEM, Muhammad Azhar IQBAL
- P 359 MARKET CRASHES AND EMERGING CRISES FOR WHEAT GROWERS IN PAKISTAN: CURRENT REALITIES AND POLICY GAPS**, Shah KHALID, Zahid Khan HARIS, Muhammad BILAL

- P 360 AGRICULTURAL BIOGAS PLANTS IN EUROPEAN RURAL DEVELOPMENT AND THE ENERGY TRANSITION**, Krzysztof PILARSKI, Agnieszka A. PILARSKA
- P 361 REAL COST AND PROFITABILITY OF VIRGINIA FANPETALS PRODUCTION FOR SOLID BIOFUEL**, Ewelina OLBA-ZIĘTY, Jacek KWIATKOWSKI, Mariusz J. STOLARSKI
- P 362 HEALTH AND SAFETY OF FARMERS IN POLAND**, Władysław MIGDAŁ, Joanna MAKULSKA, Barbara TOMBARKIEWICZ, Michał CUPIAŁ
- P 363 DEMOGRAPHIC TRENDS AND THEIR IMPLICATIONS FOR SUSTAINABLE RURAL DEVELOPMENT: A CASE STUDY OF THE BUFTEA AREA, ILFOV COUNTY, ROMANIA**, Andreea Roxana FIRĂȚOIU, Elena SOARE, Aurelia-Ioana CHEREJI, Irina-Adriana CHIURCIU, Liviu MARCUȚĂ
- P 364 MODERNIZATION OF LANDSCAPE AGROFORESTRY DEVELOPMENT IN THE RUSSIAN FEDERATION**, Papaskiri Timur VALIKOVICH, Larionov Vitaly IGOREVICH
- P 365 IDENTIFYING THE KNOWLEDGE AND SKILL REQUIREMENTS OF BEEKEEPERS IN SAUDI ARABIA**, Bander ALSAGHAN, Majed ALHURAIB, Hamed ALMARZOGI, Salman ALNASHAR, Abdullah ALSUBAIE
- P 366 THE ROLE OF KNOWLEDGE TRANSFER TRAININGS IN FIELD CROP AND VEGETABLE PRODUCTION: AN ANALYSIS OF A TEN-YEAR PERIOD**, Divna SIMIC, Snežana JANKOVIC, Vojin CVIJANOVIĆ, Vedran TOMIĆ, Marijana MASLOVARIC, Ivana STANIMIROVIĆ, Nataša TOLIMIR
- P 367 SMART AGRICULTURE AND CRYPTOECONOMICS: CHALLENGES AND OPPORTUNITIES FOR THE WESTERN BALKANS**, Vedran TOMIĆ, Robert RADIŠIĆ, Marija GAVRILOVIĆ, Ivana STANIMIROVIĆ, Nikola LJILJANIĆ
- P 368 FARM ECONOMICS IN MOUNTAIN REGIONS UNDER THE NEW LFA METHODOLOGY OF CAP 2023-27 -A SLOVENIAN CASE STUDY-**, Tina LEŠNIK, Andreja BOREC
- P 369 GAPS BETWEEN SCIENTIFIC EVIDENCES AND PUBLIC POLICY DESIGN: CASE OF ALGERIA**, Messaoud LAZEREG
- P 370 WILD EDIBLE MUSHROOM PICKING CONTRIBUTION TO THE INCOME OF RESIDENTS NEAR VIRUNGA NATIONAL PARK IN THE DEMOCRATIC REPUBLIC OF CONGO**, Jean Pierre HABINEZA M, Edson NIYONSABA S, Chantal S, Philippe L, Fabio B, François Muhashy H, Philippe B, M BAUDOUIN
- P 371 AGRIDATAVALUE – SMART FARM AND AGRI-ENVIRONMENTAL BIG DATA VALUE**, Aleksejs ZACEPINS, Inga BERZINA, Maira DZELZKALEJA-BURMISTRE
- P 372 THE FRUIT AND VEGETABLE SUPPLY CHAIN AND THE DYNAMICS OF STAKEHOLDERS IN THE MEKNES METROPOLITAN AREA**, Fatiha ADDYOUBAH, Sanaa MOUSSALIM, Abdelmajid SAIDI
- P 373 LIVESTOCK FARMING AND CLIMATE CHANGE IN SOUTHERN COUNTRIES: THE CASE OF MOROCCO**, Soukayna ZIDAN, Mustapha OUARTMANE
- P 374 WOMEN-LED AGRO-TRANSFORMATION IN NIGER: AN INVENTORY OF TRADITIONAL PRODUCTS PRESENTED AT SAHEL-NIGER 2025**, Abdel Kader NAINO JIKA
- P 375 MOTIVATIONAL FACTORS INFLUENCING YOUTH PARTICIPATION IN AGRIPRENEURSHIP IN BADAGRY LOCAL GOVERNMENT AREA, LAGOS STATE, NIGERIA**, FAPOJUWO, O. E., OKUBENA, B. A., OFUOKWU O. M.
- P 376 EXPLORING ACCESS TO AND USE OF FINANCIAL SERVICES AMONG FARMERS IN RWANDA**, John RWIRAHIRA
- P 377 SWOT ANALYSIS OF LICENSED WAREHOUSING SYSTEM**, Fahri YAVUZ, Abdullah KARAPINAR, Veysi ACIBUCA, Aybüke KAYA, Merve AYYILDIZ
- P 378 DATES-DIRECT: AN ECONOMIC INTEREST GROUPING-BASED PLATFORM TO REVITALIZE THE DATE PALM VALUE CHAIN IN DRÂA-TAFILALET REGION**, Laila CHIABRI, Abdellah BENTAHAR, Aziz MESSOUSSI
- P 379 SOCIAL MEDIA AND ELECTRONIC TOOLS IN AGRI-FOOD ONLINE MARKETING OF RURAL AREAS**, Martyna ŁAWNICZAK

- P 380 THE DOURO: A CRITICAL PERSPECTIVE TOWARDS THE REGION'S SUSTAINABILITY,**
Alberto BAPTISTA, António FONTAÍNHAS-FERNANDES, Teresa SEQUEIRA
- P 381 ASSESSMENT OF THE RESILIENCE OF AGRICULTURAL SYSTEMS IN GHANNOUCH OASES: LEVERS OF ACTION FOR SUSTAINABLE DEVELOPMENT,** Fatma ARIBI, Ines GHARBI, Hassen ABDELHAFIDH, Salma ZAIDI, Mohamed JAOUAD
- P 382 ENHANCING AGRICULTURAL INNOVATION ADOPTION AND ITS IMPACT ON FARM SUSTAINABILITY: A CASE STUDY IN NORTHEASTERN TUNISIA,** Inès GHARBI, Fatma ARIBI, Yosra MBRAKI, Faouzia ROUISSI
- P 383 THE FUTURE OF WHEAT IN TURKEY: A TIME SERIES ANALYSIS OF PRODUCTION TRENDS, PROJECTIONS, AND IMPLICATIONS FOR FOOD SECURITY,** Fuat YILMAZ, Derya İlkey YILMAZ
- P 384 BİLECİK BRAND VALUES: GEOGRAPHICAL INDICATION, R&D, AND SUSTAINABLE DEVELOPMENT INTEGRATION,** Kaplan MESUT
- P 385 MANAGEMENT OF ANTHROPOGENIC BIOMASS AND ITS ENVIRONMENTALLY FRIENDLY ENERGY USE,** Alina ARTIOMOV-CRACIUN

Conference Hall B (Hotel Vucko)**Friday, (October 3rd, 2025), 18:00 - 18:30****Working committee**

Chairpersons: Artur RUTKIEWICZ, Dusan JOKANOVIC, Stefan STJEPANOVIC

- P 386 DIVERSITY AND IMPACT OF FRONDICOLOUS SCALE INSECTS ON CEDRUS ATLANTICA IN THENIET EL HAD NATIONAL PARK (ALGERIA)**, Djamel ABDELAHAMID, Farid BOUNACEUR, Lamia FODIL
- P 387 INSECTICIDAL EFFICACY OF CEDRUS ATLANTICA ESSENTIAL OIL AGAINST SCALE INSECTS AND CONE PESTS IN ALGERIAN CEDAR FORESTS**, Djamel ABDELAHAMID, Farid BOUNACEUR, Widad AISSA
- P 388 ANALYSIS OF CHAINSAW OPERATORS' EXPERIENCE IN FORESTRY**, Dane MARČETA, Miodrag ŠTRBAC, Vladimir PETKOVIĆ, Danijela PETROVIĆ, Milan SUKUR
- P 389 STATE AND STRUCTURE OF FOREST MECHANIZATION IN THE UNA-SANA CANTON: A COMPARATIVE ANALYSIS OF PUBLIC AND PRIVATE SECTORS**, Dane MARČETA, Jusuf ČEHAJIĆ, Milan SUKUR, Vladimir PETKOVIĆ
- P 390 ASSESSMENT OF THE STATIC STABILITY OF PLANE TREES USING AN ACOUSTIC TOMOGRAPH**, Danijela PETROVIĆ, Lazar DELIĆ, Vojislav DUKIĆ, Dane MARČETA, Vladimir PETKOVIĆ, Srđan BILIĆ
- P 391 COMPRESSIVE STRENGTH PARALLEL TO THE GRAIN OF SERBIAN SPRUCE WOOD**, Danijela PETROVIĆ, Vojislav DUKIĆ, Dane MARČETA, Vladimir PETKOVIĆ, Srđan BILIĆ
- P 392 BRANDING CHALLENGES AND PERSPECTIVES OF NON-TIMBER FOREST PRODUCTS IN SARAJEVO-ROMANIJA REGION IN BOSNIA AND HERZEGOVINA**, Nedeljka ELEZ
- P 393 STATE OF SCIENTIFIC AND TECHNICAL KNOWLEDGE ON AGROFORESTRY IN RWANDA FROM 1987 TO 2025**, Ludovic ANDRES, Moutaz ALHAMADA, Samuel LABOISSE, Michel VAILLANT, Alfred BIZOZA, Jean D'amour MARINERE
- P 394 BIODIVERSITY OF SEMI-ARID MEDITERRANEAN GRASSLANDS: IMPACT OF GRAZING AND AFFORESTATION**, Alrababah, M.A., Alhamad, M.A., Suwaileh, A., Al-Gharaibeh
- P 395 EARTHWORM DISTRIBUTION AND SEASONALITY IN ENGLISH OAK (QUERCUS ROBUR) AND NORTHERN RED OAK (Q. RUBRA) STANDS**, Svajūnė GRUBINSKAITĖ, Nijolė MARŠALKIENĖ
- P 396 GERMINATION OF *Fagus sylvatica* L. SEEDS DEPENDING ON X-RAY DOSE**, Dina ELISOVETCAIA, Raisa IVANOVA, Jan BRINDZA
- P 397 PRESERVING THE FOREST, AN ISSUE OF SUSTAINABILITY CASE OF MOROCCO**, Jilali Ben DRISS
- P 398 ASSESSING THE IMPACTS OF AFFORESTATION PROJECT ON LAND RESTORATION AND CLIMATIC VARIABLES IN PESHAWAR FOREST DIVISION KHYBER PAKHTUNKHWA PAKISTAN**, Khaliq Dad KHAN, Lubna ANSARI
- P 399 GROWTH OF ARJUN (TERMINALIA ARJUNA) SEEDLINGS AS AFFECTED BY UREA FERTILIZER**, Khayyam ANJUM, Farwa ASLAM, Shahid HAFEEZ MUHAMMAD HUSNAIN KHAN, Junaid NASEER, Talha FARIDI, Amna NASRULLAH, Talha BIN YOUSAF
- P 400 RESULTS OF DETERMINING THE BIOLOGICAL PRODUCTIVITY OF JUVENILE PLANTS OF POPLAR HYBRIDS**, Peter EVLAKOV, Konstantin ZHUZHUKIN, Vladlena Ryzhkova, Tatyana ISHCHENKO
- P 401 RESEARCH ON THE POSSIBILITY OF IMPLEMENTING FOREST CLIMATE PROJECTS IN THE FOREST FUND OF THE RUSSIAN FEDERATION**, Svetlana MORKOVINA, Denis KUZNETSOV, Andrey TOPCHEEV
- P 402 POPULUS x EURAMERICANA WINDBREAK FORESTS - AN INCREASED SOURCE OF NON-RECALCITRANT CELLULOSE FOR BIOFUEL PRODUCTION**, Aleksandra Lj. MITROVIĆ, Dušica JANOŠEVIĆ, Katarina VOJISAVLJEVIĆ, Ilinka PEĆINAR, Dragana BARTOLIĆ

- P 403 MONITORING LAND USE CHANGE IN VOJVODINA USING THE COLLECT EARTH TOOL**, Dragan BOROTA, Damjan PANTIC, Brano VAMOVIC, Aleksandar GOLUBOVIC
- P 404 THE QUALITY OF THE SESSILE OAK ACORNS ON FRUŠKA GORA**, Milan DREKIĆ, Leopold POLJAKOVIC - PAJNIK, Marina MILOVIC, Nikola PERENDIJA, Branislav KOVAČEVIĆ
- P 405 CADASTRE OF DECIDUOUS SPECIES IN THE LIMAN 1 URBAN DISTRICT IN THE CITY OF NOVI SAD (SERBIA)**, Nikola PERENDIJA, Milan DREKIĆ, Leopold POLJAKOVIC PAJNIK, Milutin ĐILAS, Velisav KARAKLIĆ, Saša PEKEĆ, Saša ORLOVIC
- P 406 TYPOLOGICAL BASIS FOR ASSESSMENT OF THE CURRENT STATE OF BEECH-FIR FORESTS IN RELATION TO THE PRIMARY-TYPELOGY STRUCTURE AND POTENTIAL IN MT. VELIKI JASTREBAC (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 407 PRODUCTION POTENTIAL AND PRODUCTION DYNAMISM OF BEECH IN DIFFERENT TYPES OF FORESTS IN VELIKI JASTREBAC (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 408 RESEARCH AND ANALYSIS OF THE OPTIMAL MIXTURE PROPORTION IN THE TYPES OF BEECH AND FIR FORESTS IN SERBIA DURING THE PLANNED REGIONATION OF THESE FORESTS**, Rajko MILOŠEVIĆ Milan BIČANIN, Marijana NOVAKOVIC
- P 409 ASSESSMENT OF THE FOUND PRODUCTION EFFECTS OF THE PEDUNCULATE OAK AND EUROPEAN ASH FOREST IN RELATION TO THE POTENTIAL IN THE PROTECTED AREA „OBRENOVAČKI ZABRAN“ (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN, Marijana NOVAKOVIC
- P 410 TYPOLOGICAL AFFILIATION AND PRODUCTION CHARACTERISTICS OF BEECH AND MOUNTAIN MAPLE FORESTS ON MT. VELIKI JASTREBAC AND MT. ŽELJIN (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN, Marijana NOVAKOVIC
- P 411 CYNIPS EVIDENT CONECTION WITH CLIMATE-METEOROLOGICAL EXTREME CRISES IN 2024 ON SAMPLE PLOT LEVEL I - 38 (MALI IZVOR) IN EAST SERBIA**, Renata GAGIĆ - ŠERDAR, Miroslava MARKOVIĆ, Suzana MITROVIĆ, Ljubinko RAKONJAC, Aleksandar LUČIĆ, Goran ČEŠLJAR
- P 412 SOIL PROPERTIES AND GROUNDWATER DYNAMICS IN THE VICINITY OF THE LANDFILL IN NOVI SAD (SERBIA)**, Saša PEKEĆ, Saša ORLOVIĆ, Marina MILOVIC, Branislav KOVAČEVIĆ, Lazar KESIĆ, Velisav KARAKLIĆ
- P 413 SOIL MOISTURE DYNAMICS UNDER CULTURE OF BLACK PINE (PINUS NIGRA ARN.) AND STEPPE VEGETATION ON ARENOSOL**, Saša PEKEĆ, Marina MILOVIC, Velisav KARAKLIĆ
- P 414 APPLICATION OF CLOSE-TO-REAL TIME MONITORING OF TREE VITALITY IN MANAGING AND PROTECTING RIPARIAN FORESTS IN SERBIA**, Srđan STOJINIĆ, Saša ORLOVIĆ, Martina ZORIĆ, Marko KAZIMIROVIĆ, Mirjana ZAVODA, Marko STOJANOVIC
- P 415 SEASONAL DYNAMICS OF SOIL CO EMISSIONS IN MIDDLE-AGED PEDUNCULATE OAK (QUERCUS ROBUR L.) STAND DURING 2022**, Velisav KARAKLIĆ, Miljan SAMARDŽIĆ, Zoran GALIĆ
- P 416 GROWTH CHARACTERISTICS OF THREE-YEAR-OLD SESSILE OAK SEEDLINGS ON FRUŠKA GORA (SERBIA)**, Violeta BABIĆ, Zoran GOVEDAR, Branko KANJEVAC, Marina VUKIN, Snežana STAJIĆ, Zoran GALIĆ, Miljan SAMARDŽIĆ
- P 417 MICROCLIMATIC CHARACTERISTICS AND REGENERATION OF SESSILE OAK IN THE FRUŠKA GORA NATIONAL PARK, SERBIA**, Violeta BABIĆ, Zoran GOVEDAR, Marina VUKIN, Snežana STAJIĆ, Branko KANJEVAC, Branka PAVLOVIĆ, Bojan KONATAR
- P 418 LEAF MORPHOLOGICAL VARIABILITY OF BALKAN SESSILE OAK (Quercus dalechampii Ten.) IN DJERDAP NATIONAL PARK AND ITS SIGNIFICANCE FOR GENETIC RESOURCE CONSERVATION**, Vladan POPOVIĆ, Nenad RADAKOVIĆ, Aleksandar LUČIĆ, Sanja JOVANOVIĆ, Snežana STAJIĆ, Ljubinko RAKONJAC, Saša JANOŠEVIĆ
- P 419 REHABILITATION OF DAMAGED FORESTS AS A RESULT OF CLIMATE CHANGE IN THE FUNCTION OF ENVIRONMENTAL PROTECTION**, Zvonimir BAKOVIĆ, Vladimir VASIĆ, Bratislav KISIN
- P 420 MORPHOLOGICAL DIVERGENCE AMONG SIX SAHELIAN TREE SPECIES: IMPLICATIONS FOR FUNCTIONAL AGROFORESTRY DESIGN**, Abdel Kader NAINO JIKA

P 421 LAND-USE CONFLICT BETWEEN FARMERS AND HERDSMEN IN NIGERIA: INTERSECTING PRESSURES FROM URBANIZATION AND SETTLEMENT EXPANSION,
Michael OKE

P 422 SUSTAINABLE UTILIZATION OF AN INVASIVE SPECIES: BIOENERGY BRIQUETTING AND FODDER POTENTIAL OF PAPER MULBERRY (BROUSSONETIA PAPYRIFERA),
Wajeeha BANO, Lubna ANSARI

P 423 BEAVER AND LEAD BIOACCUMULATION IN LITHUANIA, Olgirda BELOVA, Kateryna FASTOVECKA, Alvyra SLEPETIENE

P 424 POTENTIAL PRODUCTIVITY AND PRODUCTION DYNAMISM OF FIR IN DIFFERENT FOREST TYPES ON VELIKI JASTREBAC (SERBIA), Rajko MILOŠEVIĆ, Milan BIČANIN

P 425 NEW ERA IN AGRICULTURE AND FORESTRY IN TURKIYE: SUSTAINABILITY, CLIMATE RESILIENCE AND THE ROLE OF YOUTH, İlknur CESUR

P 426 TREES ARE GOOD!, Douglas AIRHART

P 427 MORPHOLOGICAL LEAF TRAITS VARIATION WITHIN AND AMONG FIVE PEDUNCULATE OAK (*Quercus robur* L.) POPULATIONS IN REPUBLIC OF SRPSKA (BOSNIA AND HERZEGOVINA), Milena STANKOVIĆ NEĐIĆ, Srdan STOJNIĆ, Marko GUTALJ, Boban MILETIĆ, Branislav FILIPIC, Branislav KOVAČEVIĆ, Lazar KESIC, Miloš BACIĆ

Side Event 1 (Hotel Vucko) - Great Hall

Exhibition of local handicrafts and traditional and typical products

Thursday and Friday, 2 - 3rd of October 2025
Hotel Vucko – Great conference hall (09:00 - 19:00)



Sunday, October 5th, 2025
Conference Hall A (Hotel Vucko)

08:30 - 09:00

- Final discussion and conclusions - Closing Ceremony