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International Conference on Agriculture and Life Science (ICOALS III) within the framework of the EU accession process and

70th Anniversary of AUT

Program

1 - 3 November 2021

	I - S NOVCHIDEL 2021
Day 1	1 November 2021
09:00 - 09:30	FEA building – Conference Room "Behar Male" Registration of participants (optional - virtual meeting room open)
09:30 - 10:30	Introduction and overview of AUT's facilities – Short film
	Official address and welcome
	Prof. Fatbardh Sallaku – Rector of AUT–
	Mr. Peter Zingraf, Ambassador of Germany to Tirana
	Mrs. Evis Kushi, Minister of Education, Youth and Sports
	Prof. Skënder Gjinushi, Chairman of the Academy of Sciences of Albania
	Prof. Artan Hoxha, Head of Rectorates Conference, Albania
	Mrs. Frida Krifca, Minister of Agriculture and Rural Development
	Mr. Edi Rama - Prime Minister of Albania
10:30 - 11:00	Coffee Break
Day 1 - Block 1 11:00 - 13:00	Topic: The future of agriculture in Albania prospective and challenges
11:00 – 11:20	Agriculture and Rural Development Policy in Albania, Government vision and the priorities – Ms. Frida Krifca, Minister of Agriculture and rural Development
11:20 – 11:40	Albanian Strategy for Agriculture, Rural Development and Fishery 2021 – 2027 (priorities and objectives, orientation to EU-CAP objectives) – Dr. Birgit Schäfer, GIZ-GFA experts' team leader
11:40 – 12:00	Role of Agricultural University of Tirana in the Agricultural policy implementation through innovation and knowledge transfer. Prof. Erinda Lika, Vice Rector for Research and Projects, AUT
12:00 – 12:45 Experts' Panel discussion with participation of expert panelists facilitated by an international moderator	 6 experts in the podium Ms. Frida Krifca – Minister of Agriculture and rural Development Ms. Birgit Schäfer – International Expert on Agriculture and Rural Development Mr. Fatbardh Sallaku, Rector of AUT Dr. Steffen Noleppa, Humboldt University of Berlin Ms. Evelina Azizaj – National Coordinator of Albanian Network for Rural Development. Mr. Rruzhdi Koni, Agro Koni Company, Agricultural Producer and Exporter
12:45 - 13:00	Questions / answers/comments from the participants – facilitated by the Moderator
13:00 - 14:00	Lunch break













Day 1 - Block 2 14:00 - 15:45	Topic: The Western Balkans' green transformation through cooperation, innovation and knowledge transfer - a regional approach
14:00 - 14:15	EU Farm to Fork strategy and livestock sector: current challenges and future perspectives to improve environmental sustainability and consumer health, Prof Guiseppe Maiorano , full professor in Animal Science at the University of Molise (Campobasso), Italy
14:15 - 14:30	AUT research-based knowledge transfer contribution towards modernization of sector boosting a sustainable development of the sector i.e. greening, organic production- Prof. Endrit Kullaj , Head of Department, Agricultural University of Tirana
14:30 - 14:45	EU and WB Green Agenda, Regional Cooperation and EU accession negotiations - (Experiences and challenges of WB countries, Mr. Boban Ilic – Secretary General, SWG in SEE;
14:45 - 15:30 Experts' Panel discussion with participation of expert panelists facilitated by an international moderator 15:30 - 15:45	 5 experts in the podium Grigor Gjeci - Director of Programming and Monitoring of IPARD, MARD Mr. Boban Ilic – Secretary General of SWG Prof. Endrit Kullaj, Head of Department, Agricultural University of Tirana Prof. Giuseppe Maiorano, University of Molise (Campobasso), Italy Ms. Silvana Subashi – General Administrator of "Subashi Olive Oil", President of the Albanian Olive Oil Association. Questions /answers/comments from the participants – Facilitated by the moderator
15:45 - 16:15	Coffee break
Day 1 - Block 3	Closing session - facilitated by an international moderator
16:15 - 16:45	Moderator to summarize key messages in co-presentation with the Rector Prof. Sallaku and MARD representative
16:45 - 17:00	Closing remarks













Day 2 – Timing	2 November 2021
08:30 - 09:00 9:00 - 11:30	Registration – (optional – virtual meeting room open) Plenary Session (Behar Male room) Role of German Support to Agricultural University of Tirana and Albanian Agricultural Sector
9:00 – 09:45	 Prof. Ardian Maçi, AUT and Prof. Evan Roço, AUT DAAD Representative Albania, Ms. Katharina Franz, German Academic Exchange Goethe-Centre Tirana, German Corner at AUT, Ms. Alketa Kuka, Director Early 90's: How the cooperation between AUT and GIZ started and developed over the years, Dr. Joerg Lohmann, Expert Environmental Policy, Biodiversity and Forestry, GIZ, Bonn, Germany Excellent partners – AUT and GIZ future cooperation: Mr. Thorben Kruse, Head of Agriculture, GIZ, Tirana, Albania
09:45 - 11:30 09:45 - 10:00 10:00 - 10:15 10:15 - 10:30 10:30 - 11:45	 Plenary Session The role of science and innovation in transforming the food system, Dr. Raimund Jehle, FAO Regional Programme Leader for Europe and Asia Chronology and Framework of EU-CAP - Challenges for Albanians EU-approximation - Prof. Reiner Doluschitz, University of Hohenheim; Prof. Ilir Kapaj, Vice-Rector, AUT Strategies Towards Sustainable Water Quality Management - Prof. Stephan Fuchs, Karlsruher Institute for Technology Societal role of universities in integrated water management through research, education and training - Prof. Thomas Ertl, Department Water, Atmosphere and Environment, BOKU
10:45 -11:00	Questions
11:00-11:30	Coffee break
Day 2 –Timing	4 Parallel Scientific Sessions
11:30 - 13:00	Session 1: Agricultural Sciences and Production Technologies (Room Silvano Pedrolio)
11:30 - 11:45 11:45 - 12:00	 Vegetable seedlings production under the climate change aspects – <i>Prof.</i> Nazim Gruda, <i>University of Bonn, Germany</i> Genetic polymorphism detection of βlactoglobulin gene in Albanian sheep
12:00 – 12:15	 breeds – Prof. Anila Hoda, Department of Zootechnic Sciences, AUT Weather Extremes and Crop Production in the Western Balkans – Dr. Daniel Müller, Leibniz Institute of Agricultural Development in Transition
12:15 – 12:30 12:30 – 12:45	 Evaluation of a Taq-Man® based commercial kit for detection of chicken DNA in minced meat products – Dr. Katerina Blagoevska, University "Ss. Cyril and Methodius", North Macedonia Using artificial intelligence to improve the efficiency of small farms for economic viability and resource sustainability – Dr. Zamir Libohova, USDA-ARS, Dale Bumpers Small Farms Research Center, Arkansas, USA
12:45 – 13:00	 The Fisheries Sector in Albania with special focus on the Fish Processing Industry: The Structure, Performance, Challenges, and Future Prospects – Prof. Edmond Hala, Department of Aquaculture and Fisheries, AUT













11:30 – 13:00	Session 2: Rural Development Policies and Agribusiness Management
	Strategies (Room Behar Male)
11:30 – 11:45	 How a curriculum participates in territorial development in Albania? The SmartAL Master – Dr. Magali Maire, CIHEAM IAMM
11:45 – 12:00	 Farm to Fork in the Western Balkans - Sustainability, Innovation and Regional Cooperation – Prof. Tilman Reinhard, Project Manager GFA
12:00 – 12:15	 Estimating agriculture subsidies impact on the Albanian dairy sector: A machine learning approach – Prof. Orion Xhoxhi, Department of Agribusiness, AUT
12:15 – 12:30	 Profitability of Smart Farming Technologies: Identification of Economic Success Factors in Small-scale Agricultural Regions – Prof. Johannes Munz, Nuertingen-Geislingen Uni.
12:30 – 12:45	 Evolution of the Albanian agriculture 2014-2020, an inquiry through the farm typology – Prof. Fatmir Guri, Head of Economy and Rural Development Policies Department, AUT
12:45 – 13:00	 Perceived risk of e-commerce in times of Covid-19 in the context of a transition economy: The case of Albania – Dr. Aurora Hoxha, Gradua Project Coordinator, AUT
11:30 - 13:00	Session 3: Environmental Sciences and Natural Resources Sustainable
	Management of Forest Resources (Room Skender Xhiku)
11:30 – 11:45	 Antibiotic Resistome in Soil: A One Health Perspective – Prof. Fang Wang, Institute of Soil Science, University of Chinese Academy of Sciences
11:45 – 12:00	 Water quality issues in a sustainable and resource-oriented water management - Dr. Roza Allabashi, Institute of Sanitary Engineering and Water Pollution Control, BOKU
12:00 – 12:15	 The role of sustainable soil management in support of European Green Deal objectives – Prof. Pandi Zdruli, CIHEAM, IAM Bari
12:15 – 12:30	 Heavy metal risk assessment for potatoes grown in the Vushtrri Region – Prof. Milaim Sadiku, Faculty of Food Technology, University "Isa Boletini"
12:30 – 12:45	 Challenges of the wood processing and furniture industry in Albania: a practical approach – Dr. Ina Vejsiu, Faculty of Forestry Sciences, AUT
12:45 – 13:00	 Application of multivariate statistical techniques in the water quality index for Semani river, Albania – Dr. Erdona Demiraj, Dep. of Environment and Natural Resources, AUT
11:30 - 13:00	Session 4: Animal Medical Science and Welfare, Food Safety and Public
	Health (Room Luc Agraja)
11:30 – 11:45	 The Quality of Food-An Analytical Perspective – Prof. Erich Leitner, Head of Inst. Analytical Chemistry and Food Chemistry, Graz University of Technology
11:45 – 12:00	 Antimicrobic Resistance during treatment of urinary tract infection in dogs and cats. Prof. Erinda Lika, Vice Rector for Science and Projects, AUT
12:00 – 12:15	 Olive oil by-products and food of animal origin: evolutions of the research in the last 15 years – Prof. David Ranucci, Department of Veterinary Medicine, University of Perugia
12:15 – 12:30	 Competitive livestock entrepreneurship and health protection for sustainable rural economic development— Dr. Smaragda Sotiraki, VRI HAO DEMETER, Thermi Thessaloniki
12:30 – 12:45	 Highly pathogenic avian influenza in Albania – Dr. Kujtim Mersini, Faculty of Veterinary Medicine, AUT
12:45 – 13:00	 Traceability in Finnish food chain with focus in milk production – Dr. Ardita Hoxha-Jahja, Savonia University of Applied Sciences



14:00 - 15:00





3rd Scientific Session







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14:00 – 15:00	Introduction and Discussion of Posters
Day 2 –Timing	4 parallel Scientific Session(continue)
15:00 – 17:00	Session 1: Agricultural Sciences and Production Technologies (Room S.Pedrolio)
15:00 – 15:15	 Albanian medicinal and aromatic plants in the European market- opportunities and challenges – Prof. Bettina Biskupek-Korell, Department of Bioprocess Engineering, University of Applied Sciences and Arts, Hannover, Germany
15:15 – 15:30	 Analysis of the subjects and proposals presented at International Conference I and II at AUT Tirana (2014, 2015) – Dr. Pandeli Pasko, CIHEAM, Bari, Italy
15:30 – 15:45	 Goji berries (Lycium barbarum) uses in rabbit breeding: a review of the present knowledge – Dr. Giulio Curone, Dept. of Veter. Medicine, University of Milan
15:45 – 16:00	 Analyses of first shark captures by commercial fisheries in Albania – Prof. Rigers Bakiu, Aquaculture and Fisheries Department, AUT
16:00 – 16:15	 Establishment of the diagnostic and training hubs for identification of plant pathogens by advanced molecular methods – Prof. Magdalena Cara, Department of Plant Protection, AUT
16:15 – 16:30	 Genetic diversity of (Origanum vulgare L. subsp. hirtum) lines based in some morpho-biometric, agronomic and essential oils traits – Dr. Najada Kadiasi, Department of Agronomy Sciences, AUT
16:30 – 16:45	 Cultivation in 'extensive' arable lands using intensive techniques – Dr. Aulona Veizi, Vice Mayor of Vlora Municipality
16:45 – 17:00	 Weed seed collection in combine harvesting as approach for non-chemical weed control in central Hessen, Germany – MSc. Philipp Koellmann, Department of Landscape Ecology and Landscape Planning, Justus-Liebig- University Giessen
15:00 – 17:00	Session 2: Rural Development Policies and Agribusiness Management
	Strategies (Room Behar Male)
15:00 – 15:15	 The valorization of origin-linked quality products through labeling and territorial strategies for multifunctional rural areas" – Prof. Giovanni Belletti, Dep. of Sciences for Economy and Entrepreneurship, University of Florence
15:15 – 15:30	 On the Relevance of the 17 UN Sustainable Development Goals for Agriculture - Prof. Reiner Waldhardt, Research Centre for Bio Systems, Land Use and Nutrition, Justus-Liebig-University Giessen
15:30 – 15:45	 Factors influencing tree crops investments in a transitioning economy: The case of Albania - Prof. Edvin Zhllima, Dep. Economy and Rural Development Policies, AUT
15:45 – 16:00	 Role of COST on the university activities and research networks: policy objectives – Dr. Anusha Panjwani, Head of Science Operations at COST Association
16:00 – 16:15	 Circular Economy Pathway Influential Factors in Albania Through Green Products Approximation - K. Sulcaj Gura, Dep. Economy and Rural

Development Policies, AUT













16:15 – 16:30	 Albanian Agritourism and perception of local actors on education needs – Prof. Xhevaire Dulja, Department of Rural Tourism Management, AUT
16:30 – 16:45	 LABi³ – Realizing international innovative teaching together – Prof. Anne Nadolny & Prof. Saskia Schwermann, University of Applied Sciences and Arts, Hannover
16:45 – 17:00	 The role of media in agricultural extension, case of UB green portal – Anila Sulaj, Department of Rural Tourism Management, AUT
15:00 - 17:00	Session 3: Environmental Sciences and Natural Resources Sustainable
	Management of Forest Resources (Room Skender Xhiku)
15:00 – 15:15	 Sustainable natural resources management in Swiss agriculture: A synergy between the research-based and field-oriented approaches – Prof. Sokrat Sinaj, Agroscope, Switzerland
15:15 – 15:30	 Effects of the devolution processes in the forestry sector, in Albania: Evaluation of the institutional reforms – Prof. Leonidha Peri, Dean of the Faculty of Forestry Sciences, AUT
15:30 – 15:45	 Wastewater as a Resource - Water Reuse, Energy Extraction and Nutrient Recovery – Dr. Florian Kretschmer, Inst. of Sanitary Engineering and Water Pollution Control, BOKU
15:45 – 16:00	 Grafting Resilience and Slow Food onto Biodiversity Roots - Experimental approach from selected Albanian Protected Areas – Prof. Spase Shumka, Department of Food Science and Biotechnology, AUT
16:00 – 16:15	 Assessing protected areas for ecotourism development: The case of Përmeti and the National Park of Bredhi i Hotovës – Dr. Romina Koto, Department of Environment and Natural Resources, AUT
16:15 – 16:30	 Development of allometric equations for estimation of standing tree volume (case study Bulgarian fir (Abies borisii-regis) – Prof. Elvin Toromani, Department of Forestry, AUT
16:30 – 16:45	 Nature based solutions and their possible role in climate change adaptation in Albania – MSc. Sindi Lilo, Ministry of Infrastructure and Energy, Albania
16:45 – 17:00	 Implications of forestry issues to the strategy for agricultural, rural development 2021-2027 in Albania – Prof. Nehat Çollaku, Department of Forestry, AUT
15:00 - 17:00	Session 4: Animal Medical Science and Welfare, Food Safety and Public
	Health (Room Luc Agraja)
15:00 – 15:15	 Interferon-stimulated genes during peri implantation period in pregnant buffalo cows – Prof. Olimpia Barbato
15:15 – 15:30	 Tick-borne diseases in Kosovo: its relevance and challenges for public health – Prof. Kurtesh Sherifi, Faculty of Agriculture and Environment, University of Pristina
15:30 – 15:45	 Polyphenols as a Possible Markers of Botanical Origin of Buckwheat Honey Prof. Živoslav Lj. Tešić, Faculty of Chemistry, University of Belgrade
15:45 – 16:00	 Antimicrobial resistance of commensal Escherichia coli isolated from dairy cow feces – MSc. Maksud Kerluku, Department of Food Safety, Ss. Cyril and Methodius University
16:00 – 16:15	 Congenital hypothyroidism in newborn calf-Case report. Prof. Kastriot Belegu, Faculty of Veterinary Medicine, AUT
16:15 – 16:30	 Goat kid intoxication from Chrysanthemum cinerariae folium plants – Prof. Jani Mavromati, Dep. Veterinary Public health, AUT













16:30 – 16:45 16:45 – 17:00	 Blood baseline values, basic milk parameters and factors affecting them in female alpine and Verzasca goats reared in Italy under semi-extensive system – Dr. Stella Agradi, Department of Veterinary Medicine, University of Milan Effect of carcass weight on fatty acid composition and nutritional indices in meat of Nero d'Aspromonte pigs – Dr. Sanka Zejnelhoxha, Food Research Center, AUT
14:00-17:00	WORKSHOP: Studies in agricultural sciences – current situation,
	challenges and the future (Goethe Centre)
	Session I: Higher education in agricultural sciences – challenges and
	future
	Chairman: Prof. Dr. Ilir KRISTO – Dean of Faculty of Agriculture & Environment, AUT
14:00-14:20	Key Note Speaker "The future of studies in agricultural sciences in Europe" - Kati Partanen – Savonia University of Applied Sciences, Finland
14:20-14:30	Higher education in agriculture sciences in Albania – Anila Hoda, Dorian Marku, Myqerem Tafaj, Gjergji Mero, Enkelejda Emiri-Sallaku, Lumturi Papa, Gjergji Papa, Ilir Kristo, Fatbardh Sallaku.
14:30-14:40	Higher education in agriculture sciences in Kosovo – Skender Muji, Alush Musaj, Kurtesh Sherifi, Muhamet Kamberi, Alltane Kryeziu, Bedri Dragusha, Bahtir Hyseni, Arben Mehmeti, Bajram Berisha
14:40-14:55	German experience in higher education in agricultural sciences - Prof. Dr. Heinrich Schüle, Nürtingen-Geisslingen University, Germany.
14:55-15:15	Survey on skills needs and the role of Work Life Partners in Dual tertiary education in the livestock science and agribusiness in Albania and Kosovo - Ardita Jahja-Hoxha, Dorian Marku, Petri Kainulainen, Myqerem Tafaj, Kati Partanen, Bahtir Hyseni, Ardian Cerrava, Gori Stefi, Roland Mece, Skender Muji.
15:15-15:30	Introduction of Dual studies in livestock science and agribusiness in Albania - Dorian Marku, Myqerem Tafaj, Gjergji Papa, Gjergji Mero, Anila Hoda, Enkelejda Emiri-Sallaku, Lumturi Papa, Ylli Bicoku, Ilir Sosoli, Ilir Kristo, Heinrich Schüle, Angelika Thomas, Ardita Jahja-Hoxha, Kati Partanen, Fatbardh Sallaku
15:30-16:00	Coffee Break



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16:00-16:50

Session II: Panel discussion on the current situation, challenges and future of higher education in agricultural sciences (with a focus on Albania and Kosovo)

Akad. Prof. Dr. Fatbardh SALLAKU — Rector of Agricultural University of Tirana — Chairman of the panel discussion

Panel:

Prof. Dr. Heinrich Schüle - Nürtingen — Geislingen University, Germany (Online)
Dr. Kati Partanen — Savonia University of Applied Sciences, Finland
Prof. Dr. Alexandra Martinovska — University of Skopje, NR Macedonia
Prof. asoc. Dr. Gjergji Mero — Dean of Faculty of Agriculture, University of Korca,
Albania

Prof. Dr. Kurtesh Sherifi – Vice Rector of University of Prishtina. Kosovo Prof. asoc. Dr. Irfan Tarelli – General Director of Department for Policies in Agriculture, Food Safety and Rural Development, Ministry of Agriculture and Rural Development, Albania

Panel Discussion on current situation, challenges and the future of agricultural studies.

Contributions to the discussion on the future of the study of agricultural sciences are expected from both foreign and domestic congress participants, not only from universities, but also from the private sector and public institutions in the fields of agriculture, environment and food. In this context, examples of other academic Erasmus projects can also be briefly presented and discussed.

16:50-17:00 Wrap up of workshop results

17:00-17:30	Closing remarks
14:00-17:00	WORKSHOP: The current situation of MAPs sector in Albania. Trends and challenges for the future (Salla: tbc)
14:00-14:15	MAPs in Albania. Promoting medicinal plants cultivation as a tool for biodiversity conservation. <i>Prof.</i> Alban Ibraliu , <i>Vice Rector AUT</i> ; <i>Dr.</i> Klodian Rama , <i>GIZ</i>
14:15-14:30	Cultivation of MAPs in Albania. Promoting MAPs cultivation in the near future. AZHBR , <i>Ministry of Agriculture and Rural Development</i>
14:30-14:45	Supporting of LED project CNVP for MAPs sector in Albania. <i>Mr.</i> Janaq Male, CNVP
14:45-15:00	Export marketing of medicinal and aromatic plants from Albania. <i>Mrs.</i> Dilfirus Vrioni, <i>AIDA</i> ; Vasil Kolezi, <i>SIPPO</i>
15:00-15:15	Quality control and organic farming for medicinal and aromatic plants in Albania. <i>Mrs.</i> Irjana Gjana, Albinspekt.
15:15-15:30	1^{st} topic: INATrace – Open-Source Traceability System for agricultural commodities 2^{nd} topic: Remote sensing based forest monitoring for deforestation-free supply chains













15:30-16:00	Mr. Pascal Ripplinger, Initiative for Sustainable Agricultural Supply Chains (INA), GIZ, Eschborn
16:00 – 16:20	Expectations in Terms of Quality, Safety, Efficacy and Sustainability by the European Pharmaceutic Industry on their Supply with Medicinal Plant Raw Materials. Dr. Matthias Lorenz, PhytoConsult, Darmstadt/Germany by GIZ Coffee Break
16:20 – 16:50	Panel Discussion on trends and challenges of MAPs
16:50 – 17:00	Wrap up of workshop results
17:00 – 17:30	Closing remarks
14:00-17:00	Student's Scientific Session: First steps of research on life sciences – students' contributions
14:00 – 14:15	The impact evaluation of socio-demographic characteristics of the emigrant in the
14:15 – 14:30	 decision to remit - The case of Kamza Municipality - Gerta Bamllari et al. Globalization in consumer behaviour. The lead of the Albanian consumer towards products of foreign origin. The case of Tirana - Alva Kumaraku et al.
14:30 – 14:45	 Analysis of the banking system under risk –performance in Albania - Sara Stafa et al.
14:45 – 15:00	 Evaluation of economic efficiency and performance of sheep farms in Southern Albania - Erisa Shkëmbi et.al
15:00 – 15:15	 The germination and initial growth of pepper plants are affected by PEG and CaCl2 seed priming - Eurora Mici
15:15 – 15:30	 Assessment of environmental impacts of the Tirana waste management site in Sharra park area with a focus on soil quality - Flavio Vata et al.
15:45 – 16:00	 Pharmacotherapy protocols used for glaucoma treatment in dogs and cats - Erla Ustalli et al.
16:15 – 16:15	 Development of allometric equations for above-ground biomass estimation of beech (F. sylvatica L.) and birch (B.pendula Roth.) - Afërdita Shala et al.
16:15 – 16:45	 Poster Session
16.45 – 17.00	 Best presentation Award Ceremony
Day 2 – 20:00	Joint Dinner

Day 3 - Timing 3 November 2021

Visit to touristic city of Kruja, Shkodra and Agrotourism farm "Mrizi Zanave". 8:00 - 18:00