



ROMANIAN
ACADEMY



UNIVERSITY
OF AGRICULTURE
IN KRAKOW



UNIVERSITY
OF FORESTRY
SOFIA



One Health
Student Conference
USAMV București

Under the patronage of The Romanian Academy

4-6th December 2024 | Bucharest, Romania

onehealth.usamv.ro



Environment Health and
Climate Changes



Animal Welfare



Landscape, Green Areas, and
Forest for Healthy Life



Sustainable Plant
Production



Human Health
and Nutrition

Welcome to One Health International Student Conference!

4-6 December 2024

Diplomacy & Global Days USAMV

Program

Zoom link: <https://zoom.us/j/93152274302?pwd=fcsQqtZmR3Ra95V5zogPs6kRBBb1cg.1>

Meeting ID: 931 5227 4302, Passcode: 173854

Wednesday, 4th of December 2024

08:00-09:00 Welcome and Registration - Aula Magna „Petre S. Aurelian” Building A, Rectorate

09:00-09:30 Opening ceremony – Aula Magna „Petre S. Aurelian” Building A, Rectorate
Florin STĂNICĂ, Vice-Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Convener
Sorin Mihai CÎMPEANU, Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest
Gigel PARASCHIV, State Secretary, Ministry of Education
Doru PAMFIL, Romanian Academy
Dan TOMA, Chair of Student Organizing committee, University of Agronomic Sciences and Veterinary Medicine of Bucharest

09:30 – 10:00 Keynote Speaker, Ximena ȘTEFAN - Mindset for a healthy life

Session – Environment Health and Climate Changes

Moderators: Mirela Alina SANDU, Dan TOMA

10:00 – 10:30 Keynote Speaker, Cristina-Ileana COVALIU-MIERLĂ - Climate changes from pollution to solutions

10:30 – 10:45	Cătălina Nicoleta BOITEANU- Disruption of the global water cycle: an urgent call for action from a One Health perspective on humanity's first historical impact
10:45 – 11:00	Muhammad Ichsan FADILLAH - Mediation or Moderation: analyzing the role of environmental protection in the relationship between economic growth and societal happiness
11:00 – 11:30	Coffee break
11:30 – 11:45	Andreea-Mădălina CIUCĂ - Assessment of potential microplastic trophic transfer in representative biota from the Romanian Black Sea coast
11:45 – 12:00	Gabor-Giovani LUCA - Therapeutic mud under threat: examining the impact of climate change on Techirghiol's balneotherapy resources using ERA5 climate data
12:00 – 12:15	Cătălina Nicoleta BOITEANU - The dual nature of AI's impact on water resources
12:15 – 12:30	Sorin IONESCU - Removal of heavy metals from wastewater with the help of adsorbent materials obtained from slag produced as a result of steelmaking activities
12:30 – 12:45	Costin MANEA BĂNICĂ - Agro-food waste compost and its impact on <i>Lactuca sativa</i> growth
12:45 – 13:00	Abouamama SIDAUI - Isolation of antibiotic resistant bacteria from wastewater in the village of Tagrambayt, Tamanghasset, Algeria
13:00 – 14:30	Lunch break
Session - Sustainable Plant Production	
Moderators: Beatrice IACOMI, Ioana MIHĂLCIOIU	
14:30 – 14:50	Keynote Speaker, Zakheleni DUBE - Understanding cucurbitacin control of root-knot nematodes
14:50 – 15:05	Alicia Ayerdi GOTOR - How artificial intelligence can help for crop disease detection?
15:05 – 15:20	Amogelang MABUELA - Host response of Cancer bush (<i>Sutherlandia frutescens</i>) to <i>Meloidogyne enterolobii</i>
15:20 – 15:35	Moses TIMANA - Influence of geographic location on the incidence and diversity of plant-parasitic and free-living nematodes
15:35 – 15:50	Nicholus MNYAMBO - Development and efficacy of green-synthesized nanoparticles from medicinal plant extracts for sustainable management of root-knot nematodes (<i>Meloidogyne incognita</i>)
15:50 – 16:05	Carmen Palmira IONESCU - Fungal microbiota of edible rose flowers
16:05 – 16:30	Coffee break
16:30 – 16:45	Boryana PLASHKOVA - Parasitism of <i>Plutella xylostella</i> (L.)(Lepidoptera: Plutellidae) on kale (<i>Brassica oleracea</i> L. var. <i>acephala</i>) grown along with repellent and attractant companion plants
16:45 – 17:00	Nkosingiphile ZULU - Evaluating the impact of <i>Maerua angolensis</i> extract application timing on the suppression of mixed nematode populations in field-grown tomato crops
17:00 – 17:15	Larisa Theodora ȚILINCĂ - Main diseases encountered in kiwifruit orchards. A review
17:15 – 17:30	Emanuela Diana LORENTZ (CRINTEA) - Some aspects regarding fig (<i>Ficus carica</i> L.) pathology in Romania
17:30 – 17:45	Alexandru BUCUR - Incidence of some pests and diseases on several peach and nectarine cultivars trained in two planar canopies

17:45 – 18:00	Grace Jesuferanmi AZEEZ - Herbicidal potential of selected essential oils and their main compounds against model species of weeds and crops
19:00	Guided Bucharest City tour. Starting point - Main Building A, Rectorate

Thursday, 5th of December

09:00 – 09:30	Keynote Speaker, Valentina VESLER – Environmental, Social, and Governance (ESG) performance a strategic imperative for future economies
09:30 – 09:45	Mathieu BIRBA - Operational tools of “One Health” concept

Session – Animal Welfare

Moderators: Nicoleta CIOCÎRLIE, Cosmin LEON

09:45 – 10:15	Keynote Speaker, Yingjuan QIAN – Development of One Health in Nanjing Agricultural University
10:30 – 10:45	Ibrahima Mamadou SALL - Evaluation of the acute and subacute oral toxicity of ethanol extract of kinkeliba (<i>Combretum micranthum</i> G.Don, fam: Combretaceae) in BALB/C Mice
10:45 – 11:00	Angelica DOBRE - The invisible crisis: diseases of freshwater fish caused by climate change. A review
11:15 – 11:30	Ayodele AKE - Effects of melatonin on interleukins and heat stress protein responses in donkeys subjected to packing during the hot-dry season in the Northern Guinea Savanna zone of Nigeria
11:30 – 11:45	Coffee break

Session - Sustainable Plant Production

Moderators: Mihaela GEORGESCU, Emilia MOISESCU

11:45 – 12:00	Cornelia FURSESCO - Pharmacognostic and pharmacological evaluation of <i>Solidago</i> species from the flora of the Republic of Moldova
12:00 – 12:15	Gugu MASEKO - Evaluation of indigenous nitrogen-fixing bacteria from Bambara groundnut for tolerance to pH and saline conditions
12:30 – 12:45	Rivoningo UBISI - Symbiosis of <i>Rhizobacteria</i> associated with <i>Vigna subterranea</i> and their nutrient cycling efficiency in Mpumalanga, Kwazulu-Natal, and Limpopo Provinces, South Africa
12:45 – 13:00	Teodora-Elena KISS - A global review on the propagation research of herbaceous peony (<i>Paeonia lactiflora</i> Pall.)
13:00 – 13:15	Brice Dodji DANGNON - Correlation of phenolic content, antioxidant activity and <i>in vitro</i> anti-inflammatory effect of <i>Vitelaria paradoxa</i> stem bark extracts.
13:15 – 14:00	Lunch break
14:15 – 14:30	Natalia BULGAC - Possible studies on the berries of some blackcurrant varieties one year after planting in the central part of the Republic of Moldova
14:30 – 14:45	Alexandru BUCUR - Influence of cultivar, rootstock and planting system on peach and nectarine yield and fruit quality
14:45 – 15:00	Ruxandra GOGOȚ – Pear phenology from flower bud to fruit ripening
15:00 – 15:15	Emanuela Diana LORENTZ (CRINTEA) - The experimental fig orchard biodiversity at the Faculty of Horticulture in Bucharest
15:15 – 15:30	Emanuela Diana LORENTZ (CRINTEA) - <i>Akebia quinata</i> , <i>Akebia trifoliata</i> and <i>Schisandra chinensis</i> , new fruit species for Romania
15:30 – 15:45	Coffee break
15:45 – 16:00	Ionuț RUSU – Valorization of some organic waste for edible and medicinal mushrooms cultivation
16:00 – 16:15	Luis OLTEANU – Hortivoltaic system - preliminary results in a pawpaw (<i>Asimina triloba</i> (L.) Dunal) orchard

16:15 – 16:30	Ioana-Mihaela MIHĂLCIOIU - Horticulture meets technology: nondestructive methods for monitoring and evaluate soil, plants, and fruits parameters
16:30 – 16:45	Gergana MLADENOVA - Effect of intercropping on kale grown in a high tunnel for winter-spring production
16:45 – 17:00	Valko NESHEV - Biological potential of a common bean collection in relation with the climate change
17:00 – 17:15	Registration for the multicultural event
17:15 – 19:00	Christmas carols, customs and traditions, Aula Magna „Petre S. Aurelian” Building A, Rectorate
19:00	Romanian Traditional Dinner in Rectorate building

Friday, 6th of December

Session - Landscape, Green Areas, and Forest for Healthy Life

Moderators: Claudia FABIAN, Vitălina SANDU

09:00 – 09:30	Keynote Speaker, Rumén TOMOV – Alien insects in cities: A reality check on present and future threats
09:30 – 09:45	Diana Constanța IANCU- Can horticulture be a healthy tool for changing mindsets? Examining the impact of urban school garden on attitudes, behaviors and social connections
09:45 – 10:00	Dan TOMA - Analysis of the situation of the trees located in the green spaces of the municipality of Buzău, Romania
10:00 – 10:30	Keynote Speaker, Kseniia BLIUMSKA-DANKO – Green marketing and environmental awareness of the consumer
10:30 – 11:00	Coffee break

Session – Human Health and Nutrition

Moderator: Gratiela Victoria BAHACIU, Gabriela Elena STAN

11:00 – 11:30	Keynote Speaker, Marius PREDA - A civilization carried away with sugar...towards catastrophe
11:30 – 11:45	George SCARLAT - Harnessing blockchain for enhanced risk management in the food supply chain
11:45 – 12:00	Ioana-Alexandra ALEXE - Evaluation, measurement, and stability of fresh product shelf life: implications for reducing food waste and promoting sustainable food production
12:00 – 12:15	Mihai TOMA - The impact of digital marketing and social media content on consumer behavior: a study on food product purchases
12:15 – 12:30	Adriana-Maria DRAGOMIR - Study on the effects of natural antioxidants added to food of animal origin: properties and health benefits
12:30 – 12:45	Anis BERTELLA - Green synthesis of silver nano-particles using <i>Fumana thymifolia</i> extract and their antioxidant and antibacterial activities
13:00 – 13:15	Conference closure
13.15 – 14.15	Lunch break

Saturday - Sunday, 7th – 8th of December

Post Conference tour (2 days)

ICDP Pitești – Mărăcineni, Curtea de Argeș, Vidraru Lake, Cozia