



Ministerul Agriculturii și Dezvoltării Rurale
(M.A.D.R.)



Academia de Științe Agricole și Silvice
"Gheorghe Ionescu-Șișești"
(A.S.A.S.)



CERCETARE PENTRU BUNĂSTARE

ICRESB

FINAL PROGRAMME OF ICRESB 2026 CONFERENCE 30th JANUARY 2026, 10:00 AM, ROMANIA TIME

<https://us06web.zoom.us/j/84283961971?pwd=VZTcPjYiOivdLdsPxBut5zIBypAlxH.1>

Meeting ID: 842 8396 1971

Passcode: 982100

SECTION 1:



10:00 – 10:05	INTRODUCTIVE PRESENTATION ABOUT ICRESB `26 CONFERENCE - Daniela TRIFAN
10:05 – 10:15	1.1. ANTI-OBESITY EFFECTS OF BROWN RICE AND RELATED RESEARCH Authors: Reyhan IRKIN ^{1*} , Ceylin ÖZTEN ¹ , Dilara KIRKGÖZ ¹ , Feyza KAYA ¹ ¹ Izmir Demokrasi University, Health Sciences Faculty, Department of Nutrition and Dietetics, Goztepe, Konak, Izmir, Turkey
10:15 – 10:25	1.2. SUBJECTIVE PERCEPTION OF DROUGHT IMPACT – A SURVEY-BASED ANALYSIS FOR ROMANIA Authors: Liliana VELEA, Zenaida CHIȚU, Roxana BOJARIU, Argentina NERȚAN, Sorin CHEVAL National Meteorological Administration, Bucharest, Romania
10:25 – 10:35	1.3. DROUGHT-RESILIENT NITROGEN NUTRITION USING METHYLENE-UREA TECHNOLOGY Author: Alexandre MOUREAU ADVAGREEN Eastern Europe, Budapest Hungary
10:35 – 10:45	1.4. THE BIOPHYSICAL CONCEPT OF CONTROLLED HUMIDIFICATION: THEORETICAL AND APPLICATIVE FRAMEWORK Authors: Gheorghe JIGĂU ¹ , Sergiu DOBROJAN ¹ , Galina DOBROJAN ¹ , Eugeniu SPRÂNCEAN ¹ ¹ Moldova State University, Chisinau city, A. Mateevici Street, no. 60, Republic of Moldova
10:45 – 10:55	1.5. ALTERNATIVE TECHNIQUES FOR MAINTAINING THE SPECIFICITY OF AGRICULTURAL ECOSYSTEMS UNDER CURRENT CLIMATIC CONDITIONS Authors: Mihai TUDOR ¹ , Gabriel TABARANU ¹ , Daniela Ionela FERȚU ² , MOREAU Alexandre ³ ¹ Bujoru Viticulture and Winemaking Research and Development Station, Str. Gral Eremia Grigorescu, no. 65, Tg.Bujor, Galati, 805200, Romania, ² "Dunărea de Jos" University Galati, 800002 Galati, Romania ³ ADVAGREEN SA Route de Wallonie, Darse d'Hautrage 7334 Hautrage Belgique
10:55 – 11:05	1.6. RESEARCH ON THE BEHAVIOR OF RICE VARIETIES AND NEWLY CREATED LINES BY S.C.D.A.BRĂILA-C.E.POLIZEȘTI Authors: Ionel IVAN, Elena IVAN, Vlad Dumitru MIHAILA Agricultural Research and Development Station of Braila, Romania
11:05 – 11:15	1.7. CHANGES IN THE PHYSICO-CHEMICAL PROPERTIES OF RICE UNDER INAPPROPRIATE STORAGE CONDITIONS Authors: Nicolae POPESCU ^{1,2} , Ionel IVAN ¹ , Alin Ionel GHIORGHE ¹ , Ioana GORGOVAN ¹ , Cristian STROIA ^{1,2} ¹ Agricultural Research and Development Station of Braila, Romania, Sos. Vizirului, Km. 9, Braila ² University of Agriculture and Veterinary Medicine, Bulevardul Mărăști 59, 011464 București
11:15 – 11:25	1.8. USE OF BACILLUS ATROPHAEUS IN SEED BIOPRIMING AS A BIOLOGICAL ALTERNATIVE TO CHEMICAL TREATMENTS Authors: George TOADER ¹ , Liliana IONESCU ² , Cristina MELUCĂ ³ , Cătălin-Ioan ENEA ⁴ , Nichita NEGUȘERI ⁴ ¹ Saaten Union Romania SRL, General Praporgescu Street, No. 1-5, 2nd Floor, Sector 2 020965 Bucharest, ² Andermatt Biocontrol România SRL, Gheorghieni Street, No. 15-17, 3rd floor, apartment 15, sector 5, Bucharest, ³ Agricultural Research and Development Station Teleorman, Draganesti-Vlasca, European Road E70, Teleorman county, ⁴ Agricultural Research and Development Station Suceava, 15 Decembrie 1918 Blvd., Suceava, Suceava County
11:25 – 11:35	1.9. MODULAR IOT SYSTEM FOR DATA-DRIVEN DECISION SUPPORT IN SMART AGRICULTURE Authors: Theodor PINTILIE ¹ , Andrei DANILA ¹ , Robert STRECHE ¹ , Cristina DOBRE ¹ , George SUCIU ¹ ¹ Beia Consult International, Peroni Street, No 16, Bucharest, Romania
11:35 – 11:45	1.10. AGRI-ENVIRONMENT MEASURES AND CLIMATE ADAPTATION IN BRĂILA COUNTY Authors: Florina Loredana SERBAN ¹ , Emanuela LUNGU ¹ , Daniel-George SERBAN ^{1,2} , Maria Magdalena TUREK RAHOVEANU ² , Daniela TRIFAN ¹ 1 Agricultural Research and Development Station Braila, Romania 2 "Dunărea de Jos" University from Galati, Romania
11:45 – 12:30	QUESTIONS AND ANSWERS SESSION + COFFEE BREAK



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SECTION 2:



12:30 – 12:40	2.1. COMPARATIVE STUDY ON SOIL TILLAGE SYSTEMS APPLIED TO SPRING STRAW CEREALS Authors: Felicia CHEȚAN ¹ , Alina ȘIMON ¹ , Camelia URDĂ ¹ , Emanuela FILIP ¹ , Cornel CHEȚAN ¹ ¹ Agricultural Research and Development Station, Turda, 27 Agriculturii Street, Cluj County, Romania
12:40 – 12:50	2.2. THE IMPACT OF DIGITALIZATION ON AGRICULTURE IN THE CONTEXT OF THE WAR IN UKRAINE Authors: Daniel-George SERBAN ¹ , Emanuela LUNGU ¹ , Florina Loredana SERBAN ¹ , Maria Magdalena TUREK RAHOVEANU ² , Daniela TRIFAN ¹ 1Brăila Agricultural Research and Development Station, Romania, 2"Dunărea de Jos" University from Galati, Romania
12:50 – 13:00	2.3. WINTER TRITICALE, AN IMPORTANT SOURCE OF ESSENTIAL AMINO ACIDS Authors: Diana HIRIȘCĂU ¹ , Rozalia KADAR ¹ , Adina VARADI ^{1*} , Florin KADAR ¹ , Darius MORAR ¹ , Andreea-Sabina PINTILIE ² , Ionuț RACZ ¹ ¹ Agricultural Research and Development Station Turda, 27 Agriculture Street, Cluj, Romania ² Agricultural Research and Development Station Secuieni, 371 Main Street, Neamț, Romania
13:00 – 13:10	2.4. THE CONCEPT OF MODERNIZING AGROECOSYSTEMS NURSERY THROUGH BIOLOGIZATION OF THE PRODUCTION PROCESS Authors: Gheorghe JIGĂU ¹ , Sergiu DOBROJAN ¹ , Galina DOBROJAN ¹ , Valentin GABER ² ¹ Moldova State University, Chisinau city, A. Mateevici Street, no. 60, Republic of Moldova ² Technical University of Moldova, Chisinau city, 168 Stephen the Great blvd, Republic of Moldova
13:10 – 13:20	2.5. THE IMPACT OF APPLICATION OF DIFFERENT DOSES OF ALGAE BIOFERTILIZERS ON THE QUANTITATIVE PARAMETERS OF THYMUS VULGARIS L. Authors: Sergiu Dobrojan ¹ , Victor MELNIC ¹ , Gheorghe JIGĂU, Galina DOBROJAN ¹ , Angela MELNIC ¹ ¹ Moldova State University, Chisinau city, A. Mateevici Street, no. 60, Republic of Moldova
13:20 – 13:30	2.6. BIOCHEMICAL COMPOSITION OF FIELD PEA PHYTOMASS AND ITS POTENTIAL APPLICATIONS IN THE BIOECONOMY Author: Victor ȚÎȚEI ¹ ¹ "Alexandru Ciubotaru" National Botanical Garden (Institute) of Moldova State University, Republic of Moldova
13:30 – 13:40	2.7. QUALITATIVE CHARACTERIZATION OF VOLATILE COMPOUNDS FROM THE ESSENTIAL OIL OBTAINED FROM THE AREAL PARTS OF HELICHRISUM ITALICUM, VARIETY "AURIU 21" LOCAL CHEMOTYPE Authors: Victor MELNIC ¹ , Sergiu DOBROJAN ¹ , Gheorghe JIGĂU ¹ , Victor ȚÎȚEI ¹ , Galina DOBROJAN ¹ , Angela MELNIC ¹ , Tamara MERCIUCARI ¹ ¹ Moldova State University, Chisinau city, A. Mateevici Street, no. 60, Republic of Moldova
13:40 – 13:50	2.8. IDENTIFICATION OF GENETIC PROGRESS FOR SPRING WHEAT PRODUCTION CAPACITY IN COMPARATIVE MULTIANNUAL AND MULTILOCATIONAL TRIALS Authors: Gabriel Lengyel ¹ , Florin KADAR ^{1,2*} , Darius MORAR ^{1,2} , Rozalia KADAR ² , Ionuț RACZ ¹ , Diana HIRIȘCĂU ² , Adina VARADI ² , Leon MUNTEAN ¹ ¹ University of Agriculture Sciences and Veterinary Medicine Cluj-Napoca, Calea Mănăștur 3-5, Cluj, Romania, ² Agricultural Research and Development Station Turda, 27 Agriculture Street, Cluj, Romania
13:50 – 14:00	2.9. THE WINTER WHEAT GENOTYPE, FOUNDATION FOR IMPROVEMENT IN AGRICULTURE Authors: Adina VARADI ¹ , Diana HIRIȘCĂU ¹ , Rozalia KADAR ¹ , Ionuț RACZ ¹ , Darius MORAR ^{1,2} , Florin KADAR ^{1,2} ¹ Agricultural Research and Development Station Turda, 27 Agriculture Street, Cluj, Romania ² University of Agriculture Sciences and Veterinary Medicine Cluj-Napoca, Calea Mănăștur 3-5, Cluj, Romania
14:00 – 14:10	2.10. ASTERACEAE SPECIES WITH MELIFEROUS AND ENERGY POTENTIAL FROM THE COLLECTION OF THE "ALEXANDRU CIUBOTARU" NATIONAL BOTANICAL GARDEN (INSTITUTE) Authors: Natalia CÎRLIG ¹ , Victor ȚÎȚEI ¹ , Elena IURCU-STRĂISTARU ² , Mihail GADIBADI ¹ ¹ "Alexandru Ciubotaru" National Botanical Garden (Institute) of Moldova State University, Republic of Moldova ² Institute of Zoology of Moldova State University, Republic of Moldova
14:10 – 14:20	2.11. BIOLOGICAL CHARACTERISTICS AND CHEMICAL COMPOSITION OF PHYTOMASS OF AGROPYRON INTERMEDIUM AND PANICUM VIRGATUM UNDER THE AGROCLIMATIC CONDITIONS OF MOLDOVA Authors: Ana GUȚU ¹ ; Victor ȚÎȚEI ¹ ¹ "Alexandru Ciubotaru" National Botanical Garden (Institute) of Moldova State University, Republic of Moldova
14:20 – 16:00	QUESTIONS AND ANSWERS SESSION + COFFEE BREAK + CONCLUSIONS