CONFERENCE PROGRAMME

ICCR 2026

Ecology and Environmental Protection

22 oral presentations • 4 posters • **15 min / presentation**

DATE Friday, 13 November 2026

VENUE / ROOM Hybrid · "Ion Creangă" State Pedagogical University, Chișinău

ONLINE LINK Microsoft Teams – Ecology and Environmental Protection (click to join)

CHAIRS Lecturer Dr. Eng. Aurelia NICA, Assoc. Prof. Dr. Eng. Cecilia ȘERBAN

SECTION I

Oral Presentations

Each presentation: 15 minutes (talk and questions included). Session starts at 13:30.

01
13:30–13:45

SFÂNTU GHEORGHE FOREST – DANUBE DELTA, FROM PLANTATION TO FOREST WITH CONSERVATION INTEREST

Marius Mirodon FĂGĂRAȘ[1], Grișa IVANOV[2], Simona Dumitrița CHIRILĂ[3]

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[2]*Rusca Forest District, Tulcea Forestry Directorate, Tulcea, Romania*
[3]*Danube Delta National Institute for Research and Development, 165 Babadag Street, 820112 Tulcea, Romania*

02
13:45–14:00

FISH COMMUNITY STRUCTURE AND BIOMETRIC CONDITION IN THE STÂNCA-COSTEȘTI RESERVOIR (PRUT RIVER): A CROSS-BORDER BASELINE FROM EXPERIMENTAL FISHING

Maria Desimira STROE[1*], Angelica DOBRE[1,2], Alina-Nicoleta DOBRE[1,3], Ion GABRIEL[1], Iulian BOUNEGRU[1], Floricel Maricel DIMA[1,4]

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[4]*Faculty of Engineering and Agronomy in Brăila, "Dunărea de Jos" University of Galați, 29 Călărașilor Street, 810017 Brăila, Romania*

03
14:00–14:15

ONE IRIS, MANY HABITATS: AN INTEGRATIVE PERSPECTIVE ON THE ECOLOGY AND TAXONOMIC IDENTITY OF *IRIS BRANDZAE*

Simona Dumitrița CHIRILĂ, Ana Maria CHIOSA, Adina-Camelia POPOVICI, Culiță SÎRBU, Andrei Ovidiu GEORGESCU, Ciprian Claudiu MÂNZU, Nicu Alexandru GÎLEA, Alexandru Sabin BĂDĂRĂU, Ana Mariana CHIRILĂ, Marius Mirodon FĂGĂRAȘ

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04
14:15–14:30

POTENTIAL DISTRIBUTION OF SELECTED AQUATIC PLANTS IN THE DANUBE DELTA UNDER FUTURE CLIMATE CHANGE SCENARIOS

Florentina TUDOSE[1], Simona Dumitrița CHIRILĂ[1], Nicu Alexandru GÎLEA[1], Maxim ARSENI[2]

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05
14:30–14:45

HEAVY METAL DETECTION IN DANUBE WATER AND FISH TISSUE USING MODIFIED ELECTRODES: A TOOL FOR CROSS-BORDER ENVIRONMENTAL MONITORING

Iulian BOUNEGRU[1,2*], Alexandra Virginia BOUNEGRU[3], Maria Desimira STROE[1]

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[3]Department of Chemistry, Physics and Environment, Faculty of Sciences and Environment, "Dunărea de Jos" University of Galați, 111 Domnească Street, 800201 Galați, Romania

06
14:45–15:00

ASSESSMENT OF THE HEALTH STATUS OF RUDD (*SCARDINIUS ERYTHROPHTHALMUS*) FROM THE DANUBE DELTA ECOSYSTEM, SFÂNTU GHEORGHE AREA

Angelica DOCAN, Iulia GRECU, Maricica STOICA

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07
15:00–15:15

HYDRAULIC MODELLING AND FLOOD RISK ASSESSMENT IN THE SIREASA AGRICULTURAL AREA, DANUBE DELTA

Alexandru BĂNESCU, Simona Dumitrița CHIRILĂ

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08
15:15–15:30

DIVERSITY AND HOST-PLANT ASSOCIATIONS OF INSECTS ON AROMATIC AND MEDICINAL PLANTS: EVIDENCE FROM SELECTED LAMIACEAE WITH EMPHASIS ON HETEROPTERA

Cecilia ȘERBAN, Carmelia Mariana BĂLĂNICĂ DRAGOMIR, Mirela CREȚU, Marian Tiberiu COADĂ

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09
15:30–15:45

ASSESSMENT OF PESTICIDE-INDUCED OXIDATIVE STRESS IN FISH: THE ROLE OF BIOCHEMICAL BIOMARKERS IN ECOTOXICOLOGICAL MONITORING

Mirela CREȚU, Carmelia Mariana BĂLĂNICĂ DRAGOMIR, Cecilia ȘERBAN, Marian Tiberiu COADĂ

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10
15:45–16:00

PRECIPITATION DYNAMICS IN THE CONTEXT OF CLIMATE CHANGE IN ROMANIA, 1971–2100: SEASONAL REDISTRIBUTION AND PROJECTED SUMMER ARIDIFICATION UNDER THE RCP8.5 SCENARIO

Aurelia NICA, Isabelle METAXA, Ștefan-Mihai PETREA, Carmelia Mariana BĂLĂNICĂ DRAGOMIR, Ira-Adeline SIMIONOV, Victor CRISTEA, Alina ANTACHE

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11
16:00–16:15

THE NEURO-VASCULAR RETINA AS A BIO-SENTINEL OF THE ENVIRONMENTAL EXPOSOME: IN SITU AIR QUALITY MONITORING, SATELLITE EARTH OBSERVATIONS, AND QUANTITATIVE OCT BIOMONITORING

Diana Anamaria DRAGOMIR[1], Carmen TIUTIUCA[2]

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12
16:15–16:30

ENVIRONMENTAL QUALITY AND HUMAN HEALTH: AN INTERDISCIPLINARY PERSPECTIVE ON FOOD SAFETY AND SUSTAINABLE NUTRITION

Anca Nicoleta SĂVESCU (CORDELI)[1*], Floricel Maricel DIMA[1,2], Magdalena TENCIU[1], Ionuț MARCU[1,3*]

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13
16:30–16:45

MICROREFUGIA AND THE PERSISTENCE OF RARE STEPPE AND FOREST-STEPPE PLANTS IN ROMANIA: FROM THE RELICT HYPOTHESIS TO CONSERVATION PRIORITISATION

Simona Dumitrița CHIRILĂ, Alexandru Sabin BĂDĂRĂU, Nicu Alexandru GÎLEA, Ileana PĂTRU-STUPARIU

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14
16:45–17:00

APPLYING ECOLOGICAL TECHNOLOGIES IN AQUACULTURE: A REVIEW

Elena SÎRBU[1], Floricel Maricel DIMA[1,3*], Neculai PATRICHE[1], Veta NISTOR[1], Ionica BEJENARIU[1], Viorica SAVIN[1], Marian Tiberiu COADĂ[2]

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15
17:00–17:15

VULNERABILITY OF THE HYPERSALINE LAKE ECOSYSTEM AND CONSERVATION OF THERAPEUTIC RESOURCES UNDER CLIMATE CHANGE AND ANTHROPIC PRESSURES: A PRELIMINARY DIAGNOSIS FOR LACU SĂRAT – BRĂILA

Viorel Marian DRAGOMIR, Carmelia Mariana BĂLĂNICĂ DRAGOMIR, Silvius STANCIU

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16
17:15–17:30

INTEGRATED METHODOLOGICAL FRAMEWORK FOR EVALUATING AND PRIORITIZING GREEN INFRASTRUCTURE AND ENVIRONMENTAL PROTECTION PROJECTS IN BALNEOCLIMATIC AREAS: CONCEPTUAL MODEL DESIGN FOR LACU SĂRAT – BRĂILA

Viorel Marian DRAGOMIR, Carmelia Mariana BĂLĂNICĂ DRAGOMIR, Silvius STANCIU

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17
17:30–17:45

VULNERABILITY OF RIVERINE AQUATIC ECOSYSTEMS TO DECADAL HYDROLOGICAL EXTREMES AND ANTHROPIC PRESSURES

Carmelia Mariana BĂLĂNICĂ DRAGOMIR, Nicolae MINCIUNA, Marian Viorel DRAGOMIR, Iulia GRAUR, Geanina PODARU, Aurelia NICA

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18
17:45–18:00

AIR QUALITY AND PARTICULATE MATTER DYNAMICS IN THE LOWER DANUBE CONURBATION UNDER CLIMATIC DRIVERS AND URBAN EMISSIONS

Carmelia Mariana BĂLĂNICĂ DRAGOMIR, Gabriela Alina CIOROMELE, Diana Anamaria DRAGOMIR, Cecilia ȘERBAN, Ciprian CUZMIN, Marian Tiberiu COADĂ, Mirela CREȚU, Aurelia NICA

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19
18:00–18:15

AGROECOLOGICAL TRANSITION OF THE VITICULTURAL SECTOR IN THE REPUBLIC OF MOLDOVA: LEVERAGING NATIVE AND NEW-BREEDING GRAPE VARIETIES FOR ENVIRONMENTAL IMPACT REDUCTION AND CLIMATE CHANGE ADAPTATION

Nicolae MINCIUNA[1,2], Carmelia Mariana BĂLĂNICĂ DRAGOMIR[2]

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20
18:15–18:30

STUDIES ON THE INFLUENCE OF CLIMATIC CONDITIONS ON THE SUNFLOWER ECOSYSTEM

Gabriela Alina CIOROMELE[1*], Andreea Raluca CHIRIAC[1], Carmelia Mariana BĂLĂNICĂ DRAGOMIR[1], Alexandra Violeta LAZIA[1], Alin Ionel GHIORGHE[2]

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[2]*Agricultural Research and Development Station Brăila, Brăila, Romania*

21
18:30–18:45

MUNICIPAL WASTE MANAGEMENT IN ROMANIA AND THE REPUBLIC OF MOLDOVA: A COMPARATIVE ANALYSIS OF POLICIES, INFRASTRUCTURE AND PERFORMANCE

Ciprian CUZMIN[1,2], Veaceslav CIORNÎI[3]

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[2]*Brăila County Environmental Directorate / National Agency for the Environment and Protected Areas, 2 Independenței Blvd, 810007 Brăila, Romania*
[3]*Environmental Agency, Chișinău, Republic of Moldova*

22
18:45–19:00

SPATIO-TEMPORAL VARIATION OF THE PHYTOPLANKTON COMMUNITY AND THE TROPHIC STATUS OF THE PRUT RIVER (VADUL LUI ISAC AND CÂŞLIŢA STATIONS)

Adina POPESCU[1*], Mirela CREȚU[2], Daniela Cristina IBĂNESCU[1], Ion VASILEAN[2]

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SECTION II

Poster Session

Poster session: 19:00–19:30

23
POSTER

EMERGING CONTAMINANTS IN THE LOWER DANUBE–DANUBE DELTA SYSTEM: ECOLOGICAL VULNERABILITY AND RESILIENCE TO MICROPLASTICS AND PHARMACEUTICAL RESIDUES

Petre-Bogdan GHEORGHE[1,2*], Cristian TRIFANOV[1], Cosmin SPIRIDON[1], Iustinian STAN[1], Cristina DESPINA[1], Mădălina CĂLMUC[3], Valentina CĂLMUC[3], Daniela SECELEANU-ODOR[1]

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POSTER

PUBLIC READINESS AND BEHAVIORS CONCERNING PHARMACEUTICAL WASTE MANAGEMENT AMID SYSTEMIC MEDICAL COLLECTION REFORM

Anca LUPU, Ramona Oana GUNACHE, Ancuța IACO, Alexandra BURLACU, Alina Mihaela ELISEI

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25
POSTER

THE IMPACT OF SUSTAINABLE AGRICULTURAL PRACTICES ON BIODIVERSITY AND THE ECOLOGICAL BALANCE OF AGROECOSYSTEMS

Andreea Raluca CHIRIAC, Gabriela Alina CIOROMELE[*], Elena BUJOR, Marian Tiberiu COADĂ, Nicoleta AXINTI

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26
POSTER

ASSESSING THE IMPACT OF AGRICULTURAL ACTIVITIES ON SOIL QUALITY AND THE FUNCTIONING OF TERRESTRIAL ECOSYSTEMS

Gabriela Alina CIOROMELE, Andreea Raluca CHIRIAC[*], Carmelia Mariana BĂLĂNICĂ DRAGOMIR, Valentina VOICU, Nicoleta CIOBOTARU

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