CONFERENCE PROGRAMME

ICCR 2026

Ecology and Environmental Protection

20 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*, Grișa IVANOV**, Simona Dumitrița CHIRILĂ***

**Universitatea Ovidius din Constanța*
***Ocolul Silvic Rusca, Direcția Silvică Tulcea*
**** Institutul Național de Cercetare-Dezvoltare Delta Dunării Tulcea*

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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[3]Faculty of Food Science and Engineering, Dunarea de Jos University of Galati, 111 Domneasca Street, 800201 Galați, Romania
[4] Faculty of Engineering and Agronomy in Braila, Dunarea de Jos University of Galati, 29 Calea Calarașilor 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

Danube Delta National Institute for Research and Development

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]

[1]*Danube Delta National Institute for Research and Development*
[3]*Faculty of Sciences and Environment, Dunarea de Jos University of Galati, 111 Domneasca Street, 800201 Galați, Romania*

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]

[1]*Research and Development Institute for Aquatic Ecology, Fishing and Aquaculture, Galați, Romania*
[2]*Competences Centre: Interfaces, Tribocorrosion and Electrochemical Systems (CC-ITES), „Dunărea de Jos" University of Galați, Galați, Romania*
[3]*Department of Chemistry, Physics and Environment, Faculty of Sciences and Environment, „Dunărea de Jos" University of Galați, Galați, Romania*

06
14:45–15:00

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

Angelica DOCAN, Iulia GRECU, Maricica STOICA

Dunarea de Jos University of Galati, 111 Domneasca Street, 800201 Galați, Romania

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

Dunarea de Jos University of Galati, 111 Domneasca Street, 800201 Galați, Romania

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, Stefan-Mihai PETREA, Carmelia BĂLĂNICĂ-DRAGOMIR, Ira Adeline-SIMIONOV, VICTOR Cristea, Antache ALINA

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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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[2]*Faculty of Medicine and Pharmacy, "Dunarea de Jos" University of Galati, 800385 Galati, Romania*

12
16:15–16:30

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

Săvescu (Cordeli) Anca Nicoleta[1]*, Dima Floricel Maricel[1,2], Tenciu Magdalena[1], Marcu Ionuț[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

Danube Delta National Institute for Research and Development

14
16:45–17:00

APPLYING ECOLOGICAL TECHNOLOGIES IN AQUACULTURE: A REVIEW

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

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

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

Dunarea de Jos University of Galati, 111 Domneasca Street, 800201 Galați, Romania

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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

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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, Carmelia Mariana BĂLĂNICĂ DRAGOMIR

"Dunărea de Jos" University of Galați
(Doctoral School of Fundamental and Engineering Sciences & Cross-Border Faculty, Department of Applied Sciences)

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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„Agricultural Research and Development Station Brăila"

SECTION II

Poster Session

Poster session: 18:30–19:00

21
POSTER

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

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

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22
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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23
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

„Dunărea de Jos" University of Galați, Romania

24
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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