

**CONFERENCE  
'ECOLOGY AND PROTECTION OF  
ECOSYSTEMS' THE XIV<sup>TH</sup> EDITION**

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2<sup>nd</sup> – 4<sup>th</sup> of November 2023  
BACAU, ROMANIA

**PROGRAMME**

2023

## Scientific committee

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**Dumitru MURARIU**, PhD, Vicepresident of the Romanian Academy, Senior Researcher, Institute of Biology, Bucharest

**Dan COGĂLNICEANU**, Professor, PhD, C.M. of the Romanian Academy, "Ovidius" University, Constanta

**Cătălin TĂNASE**, Professor, PhD, C.M. of the Romanian Academy, Director of Botanical Garden "Anastasiu Fătu", "Al. I. Cuza" University, Iasi

**Laurenția UNGUREANU**, PhD Habil., C.M. of Moldova Academy, Director of the Institute of Zoology, Moldova State University, Chisinau

**Valentin NEDEFF**, Professor, PhD, D.H.C., C. M. of the Academy of Agricultural and Forestry Sciences, President of the Senate, 'Vasile Alecsandri' University of Bacau

**Angela Maria BĂNĂDUC**, Associate Professor, PhD, Faculty of Sciences, 'Lucian Blaga' University of Sibiu

**Marian Petre BREZEANU**, PhD, General Manager of the Research Institute for Vegetable Research and Development Station, Bacau

**Marieta COSTACHE**, Professor, PhD, Faculty of Biology, University of Bucharest

**Gabriela GURĂU**, PhD, Manager of Natural Sciences Museum "Ion Borcea" of Bacau

**Mihai LEȘANU**, Associate Professor, PhD, Faculty of Biology and Geosciences, Moldova State University, Chisinau

**Mircea Nicușor NICOARĂ**, PhD Habil., Director of the Doctoral School of Geosciences, "Al. I. Cuza" University, Iasi

**Luis Ovidiu POPA**, General Manager of National Museum of Natural History "Grigore Antipa", Bucharest

**Carmen POSTOLACHE**, Professor, PhD, Dean of the Faculty of Biology, University of Bucharest

**Ioan Viorel RAȚI**, Professor, PhD, Faculty of Sciences, 'Vasile Alecsandri' University of Bacau

**Geta RĂȘNOVEANU**, Professor, PhD, Faculty of Biology, University of Bucharest

**Carol SCHNAKOVSKY**, Professor, PhD, Rector of the 'Vasile Alecsandri' University of Bacau

**Erika SCHNEIDER**, Professor, PhD, Karlsruhe Institute of Technology, Germany

**Anda SIMON GRUIȚA**, Associate Professor, PhD, Faculty of Biology, University of Bucharest

**Marius SKOLKA**, Associate Professor, PhD, Dean of the Faculty of Natural and Agricultural Sciences, "Ovidius" University of Constanta

**Marius ȘTEFAN**, Professor, PhD, Dean of the Faculty of Biology, 'Alexandru Ioan Cuza' University of Iasi

**Marian TUDOR**, PhD, General Manager of the Danube Delta National R&D Institute, Tulcea

**Camelia URECHE**, Associate Professor, PhD, Faculty of Sciences, 'Vasile Alecsandri' University of Bacau

**Dorel URECHE**, Associate Professor, PhD, Vicepresident of the Institute for Research, Development, Innovation, Consulting, and Technological Transfer, "Vasile Alecsandri" University of Bacau

## **Organizing Committee**

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IOAN VIOREL RAȚI

DOREL URECHE

CAMELIA URECHE

DANIELA NICUȚA

ROXANA ELENA VOICU

Secretariate: ROXANA ELENA VOICU

# **Ecology and Protection of Ecosystems**

*The XIV<sup>th</sup> Edition*

2<sup>nd</sup> - 4<sup>th</sup> of November, 2023

## **SUMMARY SCHEDULE**

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*Thursday, 2<sup>nd</sup> of November,  
2023*

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**"Vasile Alecsandri" University of Bacau, Building A**

16:00 – 21:00 - Registration of participants (A II 14)

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*Friday, 3<sup>rd</sup> of November, 2023*

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**”Vasile Alecsandri” University of Bacau, Building D, Aula**

08:00 - 09:00      Registration of participants – Central Hall, 1<sup>st</sup>  
Floor, Building D

09:00 - 10:40      The official opening of the Conference  
*ECOLOGY AND PROTECTION OF  
ECOSYSTEMS 2023*  
Plenary oral presentations

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**Dumitru MURARIU**

Vice-President of the Romanian Academy

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10:40 - 11:00 - Coffee break

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11:00 - 13:00

Plenary oral presentations

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**Dan COGĂLNICEANU**

Correspondence Member of the Romanian Academy,

**Florina STĂNESCU, Sabina E. VLAD, Diana SZEKELY**

**Cătălin TĂNASE**

Correspondence Member of the Romanian Academy

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**Relu CHELMUŞ, Mircea RĂDOI – ALIANT**  
**Sorin BOGDAN – MDS ELECTRIC**  
**Mihaela APOSTOL – TEHNO INSTRUMENT**

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13:00 - 14:00 - Lunch break

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14:00 - 16:00 - Oral presentations

16:00 - 17:00 - Posters session & Coffee break

17:00 - 19:00 - Oral presentations & Closing ceremony

19:00 - Gala dinner

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*Saturday, 4<sup>th</sup> of November,*  
*2023*

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08:45 - Field trip to Targu Ocna Salt Mine and Slanic Moldova  
(departure from Campus Mărăşeşti)

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# SESSION PROGRAM

## Thursday, November 3<sup>rd</sup> 2023

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Building D, 1<sup>st</sup> floor, Aula

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09:00 - 10:40 *The official opening of the Conference "Ecology and protection of ecosystems 2023"*

### *Plenary oral presentations*

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#### **Dumitru MURARIU**

THE CURRENTNESS OF GRIGORE ANTIPA'S OBSERVATIONS ON THE CONDITION OF STURGEON POPULATIONS AND HIS PROTECTION PROPOSALS

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10:40 - 11:00 Coffee break

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11:00 - 13:00 *Plenary oral presentations*

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#### **Dan COGĂLNICEANU, Florina STĂNESCU, Sabina E. VLAD, Diana SZEKELY**

SCLEROCHRONOLOGY - A VALUABLE TOOL IN ECTOTHERM POPULATION BIOLOGY STUDIES

#### **Cătălin TĂNASE**

DIVERSITY, ECOLOGY AND BIOTECHNOLOGICAL APPLICATIONS OF FUNGI

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**Relu CHELMUŞ, Mircea RĂDOI**

IT TECHNOLOGIES TO SUPPORT RESEARCH "SHORT JOURNEY THROUGH THE LATEST TECHNOLOGIES INTEGRATED BY ALIANT IN SUPPORT OF RESEARCH"

**Sorin BOGDAN**

EQUIPMENT AND SOLUTIONS FOR MONITORING WATER

**Mihaela APOSTOL**

INTEGRATED EQUIPMENT AND SOLUTIONS FOR MEASURING ENVIRONMENTAL QUALITY

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13:00 - 14:00 - Lunch break



*Biodiversity of aquatic organisms &  
Ecology and sustainable development*

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**Oral presentations  
Building D, 1<sup>st</sup> floor, Senate Hall**

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14:00 - 16:00

**Moderators:**

Geta RÎȘNOVEANU  
Carmen GACHE

17:00 - 19:00

**Moderators:**

Luiza FLOREA  
Victor SURUGIU

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*Biodiversity of aquatic organisms*

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**Laurenția UNGUREANU, Daria TUMANOVA, Grigore  
UNGUREANU**

THE CURRENT STATE OF THE PHYTOPLANKTON AND THE  
WATER QUALITY OF THE COSTESTI-STANCA RESERVOIR

**Geta RÎȘNOVEANU**

THE IMPACT OF ANTHROPOGENIC FACTORS ON BIOTIC  
COMMUNITIES AND ECOLOGICAL PROCESSES: AN ECOSYSTEM  
PERSPECTIVE

**Carmen GACHE**

THE RESERVOIRS FROM BISTRIȚA RIVER BASIN AS SIGNIFICANT  
SHELTERS FOR BIRD FAUNA IN THE EASTERN PART OF  
ROMANIA

**Victor SURUGIU**

A PROVISIONAL CHECKLIST OF FRESHWATER LEECHES  
(ANNELIDA, CLITELLATA, HIRUDINEA) OF ROMANIA

## **Marian TUDOR**

TAXONOMY, GEOPOLITICS AND CONSERVATION - THE CURIOUS CASE OF POECILIA WINGEI

## **Larisa LUPU, Marian TUDOR, Lucica TOFAN**

THE EFFECT OF PHENOTYPES ISOLATION ON THE SUCCESS OF EX-SITU CONSERVATION PROGRAMMES IN POECILIA WINGEI

## **Cosmin-Ovidiu MANCI, Amalia-Raluca DUMBRAVĂ**

LINDENIA TETRAPHYLLA (ODONATA: GOMPHIDAE) FIRST RECORD FROM ROMANIA AND FUTURE PERSPECTIVE IN ROMANIA

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*Ecology and sustainable development*

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## **Elena ZUBCOV, Laurenția UNGUREANU, Olga JURMINSKAIA, Nina BAGRIN, Natalia ZUBCOV. Dumitru BULAT, Denis BULAT, Lucia BILETSCHI**

INDICATORS FOR ASSESSING THE IMPACT OF HYDROPOWER COMPLEXES AND CLIMATE CHANGE ON RUNNING RIVER ECOSYSTEMS

## **Simona LUNGU, Geta RÎȘNOVEANU**

STUDENTS PERCEPTIONS OF URBAN NATURAL AREAS. CASE STUDY: BĂNEASA FOREST, BUCHAREST, ROMANIA

## **Gabriel LUPU, Mihaela TUDOR, Daniela POREA, Anca CRACIUN, Adrian BURADA, Ștefan RĂILEANU, Cristina DESPINA, Alexandru BĂNESCU, Liliana ENE**

DANUBE DELTA NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT - SCIENTIFIC RESEARCH PROGRAM FOR THE DEVELOPMENT OF RESEARCH SKILLS AND CAPACITIES IN THE

FIELD OF HEALTH AND ENVIRONMENTAL PROTECTION OF WETLANDS - "DANUBE DELTA 2030"

**Mihai DOROFTEI, Ion GRIGORAȘ, Silviu COVALIOV, Jenică HANGANU, Culiță SÂRBU, Adrian OPREA, Marian MIERLĂ, Cristian TRIFANOV**

NATURA2000 HABITATS MAP IN DANUBE DELTA, SITE FOR COMMUNITY IMPORTANCE

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Poster session  
Building D, Hall, 1<sup>st</sup> floor  
16:00 - 17:00

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*Biodiversity of aquatic organisms*

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**Mihaela C. ION, Antonio V. LAZA, Andrei ACS, Alina PITIC, Andrei TOGOR, Oana Paula POPA, Lucian PÂRVULESCU**

TOWARDS PROTECTING AN ENDEMIC CRAYFISH SPECIES IN ROMANIA: DISTRIBUTION, CONSERVATION STATUS AND THREATS

**Diana-Ioana ARDELEAN, Milca PETROVICI**

BEGA RIVER WATER QUALITY REFLECTED BY BENTHIC MACROINVERTEBRATES

**Angelica DOCAN, Iulia GRECU, Lorena DEDIU, Mirela CREȚU**

THE METAZOAN ECTO AND ENDOPARASITES OF SOME COMMERCIALY IMPORTANT FISH FROM PRUT RIVER

**Diana DANILOV, Angelica DOCAN, Mirela CREȚU, Lorena DEDIU, Cristian DANILOV**

PERSISTENT ORGANIC POLLUTANTS ALTERS OXIDATIVE STRESS MARKERS IN TURBOT DEPENDING ON SEX

**Ionuț-Dănuț COSTACHE, Mircea Nicușor NICOARĂ, Camelia URECHE, Dorel URECHE**

BIODIVERSITY OF AQUATIC ENTOMOFAUNA. CASE STUDY: RÂMNICU SĂRAT RIVER

**Romeo CAVALERIU, Gabriel PLAVAN, Oana MARE ROȘCA**

SOME ASPECTS OF THE INFLUENCE OF INTENSIVE AQUACULTURE IN FLOATING CAGES, ON SOME CHEMICAL PARAMETERS OF THE ACTUALLY SEDIMENTS IN IZVORU MUNTELUI-BICAZ RESERVOIR

**Mitică CIORPAC, Ovidiu A. POPESCU, Gabriela GRIGORAȘ, Cecilia ȘERBAN, Dragos-Lucian GORGAN**

GENETIC DIVERSITY OF THE EXTINCT IN THE WILD PETZEA RUDD (SCARDINIUS RACOVITZAI) PRELIMINARY STUDY

**Nina FULGA, Dumitru BULAT, Denis BULAT**

REPRODUCTIVE PECULIARITIES AT PONTIC SHAD (ALOSSA IMMACULATA) FROM THE LOWER DNIESTER IN THE PRE-REPRODUCTIVE PERIOD

**Manuela Diana SAMARGIU, Gabriela Mihaela PARASCHIV, Daciana SAVA**

RECENT APPROACH REGARDING ZOOPLANKTON COMMUNITY FROM THE NERITIC WATERS OF THE ROMANIAN BLACK SEA COAST

**Valentin DINU, Cristina-Maria POPESCU, Darmina NIȚĂ, Florentina GRIGORESCU, Cezara TUDOSE, Ioana ENACHE, Geta RIȘNOVEANU**

CHANGES IN LEAF LITTER QUALITY AND ACCUMULATION OF FINE SEDIMENTS SLOW DOWN THE DECOMPOSITION PROCESS IN STREAMS: INSIGHTS FROM A MICROCOSM EXPERIMENT

**Angelica RUSU, Roxana MAXIM, Dorel URECHE, Gabriel PLAVAN, Viorica RARINCA, Ion COJOCARU, Mircea NICOARĂ**

THE TROPHIC SPECTRUM OF CERTAIN FISH SPECIES FROM THE DOAMNEI RIVER

**Roxana MAXIM, Angelica RUSU, Gabriel-Ionut PLAVAN, Dorel URECHE, Ion COJOCARU, Mircea NICOARĂ**

FEEDING ECOLOGY OF PHOXINUS PHOXINUS POPULATIONS FROM RIVER OITUZ

**Luiza FLOREA**

ASSESSMENT OF THE PRESSURES EXERCISED ON THE ICHTHIOFAUNA OF ROSCI0006 BALTA MICĂ A BRĂILEI

**Daciana SAVA, Manuela Diana SAMARGIU, Gabriela Mihaela PARASCHIV**

OVERVIEW REGARDING RED ALGAE FROM ROMANIAN BLACK SEA COAST WITH EMPHASIS ON THE CURRENT SITUATION

**Luiza FLOREA**

COMPARATIVE STUDY ON THE ICHTHIOFAUNA OF COMMUNITY IMPORTANCE FROM ROSCI0006 BALTA MICĂ A BRĂILEI

**Dorel URECHE, Teodora-Ramona POPA, Camelia URECHE**

DYNAMICS OF FISH FAUNA IN THE BISTRITA RIVER (NORTH-EASTERN ROMANIA), SPILLWAY AREA, OVER THE PERIOD 2021-2023

**Gabriela Mihaela PARASCHIV, Daciana SAVA, Manuela Diana SAMARGIU**

STUDY OF BENTHIC COMMUNITIES FROM THE SMALL DEPTH INFRA-LITTORAL BETWEEN EFORIE NORD AND EFORIE SUD OF THE BLACK SEA COAST

**Iasemin SULIMAN, Lucica TOFAN, Iuliana - Mihaela TUDOR,  
Orhan IBRAM, Adrian BURADA, Geta RÎȘNOVEANU**

IMPACT OF HYDROLOGICAL RECONNECTION ON ZOOPLANKTON  
COMMUNITIES IN THE DANUBE DELTA BIOSPHERE RESERVE,  
ROMANIA

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*Ecology and sustainable development*

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**Aurel NĂSTASE, Marian IANI, Ștefan HONȚ, Marian PARASCHIV,  
Irina CERNIȘENCU**

CURRENT ECOLOGICAL STATE OF THE FISH FAUNA FROM  
FLUVIO-MARITIMAL OF DANUBE DELTA (ROȘU-PUIU LAKES-  
COMPLEX)

**Corneliu-Mihăiță POHONȚU**

BIOLOGICAL EFFECTS OF PESTICIDES EXPOSURE ON FISH IN  
AQUATIC ECOSYSTEMS

**Roxana STRUNGARU-JIJIE, Ira SIMIONOV, Emanuela  
PADURARU, Alexandru CHELARU, Alin CIOBICA, Mircea  
NICOARA**

PROTECTIVE EFFECT OF PROBIOTICS WITH  
FRUCTOOLIGOSACCHARIDE PREBIOTIC AND VITAMIN C ON  
HEAVY METALS AND ANTIBIOTIC-INDUCED BEHAVIORAL,  
OXIDATIVE STRESS AND HOMEOSTASIS ALTERATIONS IN  
ZEBRAFISH

**Ionuț-Alexandru CHELARU, Alexandra SAVUCĂ, Roxana JIJIE,  
Alin Stelian CIOBÎCĂ, Mircea Nicușor NICOARĂ**

SINGLE AND COMBINED TOXICOLOGICAL EFFECTS OF  
MEROPENEM AND VALPROIC ACID TREATMENTS ON ZEBRAFISH  
BEHAVIOR

**Dan Ioan AVASILOAIEI, Mariana CALARA, Claudia BĂLĂIȚĂ,  
Andreea ANTAL-TREMURICI**

IMPROVING ECOLOGICAL RESILIENCE AND SWEET PEPPER  
(CAPSICUM ANNUUM L.) CROP YIELD VIA BIOCHAR AND WOOD  
VINEGAR APPLICATION

**Nina BAGRIN**

MAIN IONS AND MINERALIZATION IN THE PRUT WATERS

**Dumitru-Mircea DUȘCU, Geta RÎȘNOVEANU**

PUBLIC APPRECIATION FOR THE CULTURAL ECOSYSTEM  
SERVICES OF BĂNEASA FOREST

**Mihai DOROFTEI, Silviu COVALIOV, Simona Dumitrița CHIRILĂ,  
Marian MIERLĂ, Cristian TRIFANOV, Matei SIMIONOV, Adrian  
BURADA, Katarina TOŠIĆ, Gabriel LUPU, Liliana ENE, Marius  
FĂGĂRAȘ**

THE TRANSFORMATION OF REED BEDS INTO FLOODPLAIN  
PASTURES: A COMPLEX TASK IN PRESERVING BIODIVERSITY

**Anamaria LAZĂR, Alexandra SANDU, Ana Maria BENEDEK**

RESPONSES OF SMALL MAMMALS TO INTENSITY OF USE AND  
FARMLAND MANAGEMENT IN SOUTHEASTERN TRANSYLVANIA

**Alexandra SANDU, Ana Maria BENEDEK, Ioana BOERAȘ,  
Anamaria LAZĂR, Niculina Viorica CIC, Maria Denisa COCÎRLEA,  
Maria STĂNCIUGELU**

EFFECT OF HOST CHARACTERISTICS AND LAND USE INTENSITY  
ON ECTOPARASITE PREVALENCE AND LOAD IN SMALL  
MAMMALS

**Raluca-Elena DUȚĂ, Alexandra SĂVUCĂ, Alin-Stelian CIOBÎCĂ,  
Radu LEFTER, Mircea-Nicușor NICOARĂ**

PRELIMINARY RESULTS REGARDING THE EFFECTS OF ANTIEPILEPTIC DRUGS IN ZEBRAFISH

**Dan Ioan AVASILOAIEI, Mariana CALARA, Claudia BĂLĂIȚĂ, Andreea ANTAL-TREMURICI**

ENHANCING SUSTAINABLE TOMATO CROP PRODUCTION IN ECOLOGICAL SYSTEMS THROUGH THE USE OF BIOCHAR AND WOOD VINEGAR

**Viorica RARINCA, Alin Stelian CIOBÎCĂ, Mircea NICOARĂ**

EFFECTS OF SINGLE AND COMBINED ARSENIC AND AMPICILLIN TREATMENTS ON ZEBRAFISH BEHAVIOR

**Eliana SEVIANU, Ionela RĂDAC, Ramona BIVOLARU, Alexandru RĂDAC**

NEST BOX OCCUPANCY DYNAMICS BY THE HAZEL DORMOUSE MUSCARDINUS AVELLANARIUS IN CENTRAL-WESTERN ROMANIA

**Răzvan FRANCIUC, Anamaria GHIMICI, Corina Cristina CIUCU**

THE BENEFITS OF USING A MIX OF ESSENTIAL OILS EXTRACTED FROM BASIL (OCIMUM BASILICUM) AND THYME (THYMUS VULGARIS) LEAVES AS NATURAL PESTICIDES

**Mădălina ENE, Alin-Stelian CIOBÎCĂ, Alexandra SĂVUCĂ, Ionuț-Alexandru CHELARU, Roxana STRUNGARU-JIJIE, Gabriel-Ionuț PLAVAN, Mircea Nicușor NICOARĂ**

ZINC CHLORIDE EXPOSURE CAN INDUCE ALZHEIMER-LIKE SYMPTOMS IN ADULT ZEBRAFISH

**Alexandra SAVUCĂ, Mircea Nicusor NICOARĂ**

PRELIMINARY DATA REGARDING MICROPLASTIC CONTAMINATION IN THE SOUTHERN AREA OF THE ROMANIAN BLACK SEA COAST



**Ana-Maria GEORGESCU, Ana-Maria ROȘU, Gabriela MUNTIANU,  
Dorel URECHE, Camelia URECHE, Emilian MOȘNEGUȚU**

NEW ORGANO-INORGANIC MATRICES FOR WASTE REMEDIATION

*Biodiversity of terrestrial organisms &  
Biotechnologies for environmental protection  
and resources' valorization*

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**Oral presentations  
Building D, 1<sup>st</sup> floor, Aula**

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14:00 - 16:00

**Moderators:**

Marius SKOLKA  
Ana Maria BENEDEK

17:00 - 19:00

**Moderators:**

Mihai LEȘANU  
Nicoleta Anca ȘUȚAN

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*Biodiversity of terrestrial organisms*

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**Marius SKOLKA, Dan COGĂLNICEANU, Daniyar MEMEDEMİN,  
Florina STĂNESCU, Ovidiu DRĂGAN, Carla GAVRILESCU,  
Alexandra SOIMU, Teodora TĂNASE**

DIURNAL BUTTERFLIES FROM MOUNTAINOUS AREAS AS  
INDICATORS OF THE CONSERVATION STATUS OF HABITATS

**Marius FĂGĂRAȘ, Daniela MĂCEȘEANU**

SPECTS REGARDING VEGETATION DYNAMICS ON THE NEWLY  
EXTENDED BEACHES OF THE CITY OF CONSTANTA - REYNA  
BEACH CASE STUDY

**Constantin CIUBUC, Dan COGĂLNICEANU, Marius SKOLKA**

RARE SPECIES OF COLEOPTERA AND GASTROPODA FROM THE  
RETEZAT MOUNTAINS

**Ana Maria BENEDEK, Ioan SÎRBU**

HABITAT SELECTION IN DOMINANT MOUNTAIN RODENTS

**Sorina ISTRATI, Natalia MUNTEANU-MOLOTIEVSKIY, Anna MOLDOVAN**

BEETLES IDENTIFICATION FROM THE FAUNA OF THE REPUBLIC OF MOLDOVA USING DNA BARCODES

**Viviana VICOL, Petronel SPASENI, Iulian GHERGHEL, Tiberiu SAHLEAN, Ionuț-Cătălin PETREANU, Ștefan ZAMFIRESCU, Alexandru STRUGARIU**

PREDATION PRESSURE ON COLOR MORPHS OF A EUROPEAN VIPER IN POLYMORPHIC VS. PURELY MELANISTIC POPULATIONS

**Gabriel-Alin IOSOB, Tina Oana CRISTEA, Claudia BĂLĂIȚĂ, Denisa SEVERIN**

PENTATOMIDAE INSECTS AND THEIR IMPACT ON VEGETABLE AGROECOSYSTEMS IN BACĂU REGION

**Vasile ALEXE, Lucian-Eugen BOLBOACĂ, Mihai MARINOV, Alexandru-Cătălin DOROȘENCU, Attila D. SÁNDOR, Botond J. KISS, Dumitru MURARIU**

SPATIAL DISTRIBUTION AND PREY PREFERENCES OF THE WHITE-TAILED SEA EAGLE (HALIAEETUS ALBICILLA L.) IN THE DANUBE DELTA BIOSPHERE RESERVE AND SURROUNDINGS (ROMANIA)

**Cosmin-Ovidiu MANCI, Maria-Claudia COVACIU, Cristian SITAR, Geanina-Magdalena SITAR**

LIGNYOPTERA FUMIDARIA (LEPIDOPTERA: GEOMETRIDAE) IN ROMANIA: DISTRIBUTION, CONSERVATION, FUTURE PERSPECTIVES

**Ionuț-Cătălin PETREANU**

NEW DATA REGARDING THE DISTRIBUTION AND STATUS OF THE HERPETOFAUNA FROM URBAN AND PERI-URBAN HABITATS IN THE CITY OF PITEȘTI, ARGEȘ COUNTY (ROMANIA)

**Milian GURĂU**

ECONOMICALLY IMPORTANT SPONTANEOUS PLANTS OF THE FAMILY BRASSICACEAE FROM THE TERRITORY OF ROMANIA

**Vladislav CALDARI, Victoria NISTREANU, Alina LARION, Natalia DIBOLSCAIA**

DIVERSITY OF CHIROPTERA COMMUNITIES IN MOLOVATA NOUĂ MINES (NEW RESEARCH SITE)

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*Biotechnologies for enviromental protection  
and resources' valorization*

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**Mihai LEȘANU**

ADVANTAGES AND DISADVANTAGES OF CLONAL MULTIPLICATION OF PLANTS THROUGH IN VITRO TECHNIQUES

**Nicoleta Anca ȘUȚAN, Ștefania MITROIU, Codruța Mihaela DOBRESCU, Cristina SOARE, Denisa Ștefania VÎLCOCI, Georgiana UȚĂ, Diana Ionela (STEGARUS) POPESCU**

CYTOTOXICITY AND GENOTOXICITY ASSESSMENT OF HELLEBORUS ODORUS WALDST. & KIT. EXTRACTS AND THEIR NANOFORMULATIONS

**Gabriela GURĂU**

THE SENSORY GARDEN OF "ION BORCEA" NATURAL SCIENCE MUSEUM COMPLEX OF BACĂU – AN INGENIOUS WAY TO PROMOTE THE NATURAL PATRIMONY

**Narcis-Teodor NIȚĂ, Elena-Mirela SUCEVEANU, Lăcrămioara RUSU**

BIOCOMPOSITE MATERIAL BASED ON LACTOCOCCUS LACTIS – A NEW CHALLENGE IN BIOSORPTION PROCESSES

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Poster session  
Building D, Hall, 1<sup>st</sup> floor  
16:00 - 17:00

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*Biodiversity of terrestrial organisms*

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**Veaceslav SÎTNIC, Natalia CARAMAN , Victor SÎTNIC**

DIVERSITY OF MAMMAL SPECIES IN THE AREA "SCHINOASA", OR. CODRU, CHISINAU MUNICIPALITY

**Natalia CARAMAN, Veaceslav SÎTNIC, Victoria NISTREANU**

ANTHROPIC ADAPTATION INDEX OF RODENT SPECIES FROM CHISINAU CITY, REPUBLIC OF MOLDOVA

**Theodora CHIRILĂ, Milca PETROVICI**

THE ORNITHOFAUNA OF THE BANKS OF THE TIMIȘ RIVER IN THE VICINITY OF MACEDONIA FOREST, TIMIȘ COUNTY

**Cerasela TEODORESCU**

RESULT-BASED PAYMENT SCHEMES FOR BIODIVERSITY PROTECTION. LESSONS LEARNED, PERCEIVED BENEFITS AND OBSTACLES IN ROMANIA

**Andrada MARTIN, Milca PETROVICI**

BIOLOGY AND ECOLOGY OF SPERMOPHILUS CITELLUS L. 1766 (MAMMALIA: RODENTIA) IN LUNCA MUREȘULUI NATURE PARK

**Gabriela – Alina ȘTEFAN, Anca MIRON, Ana Clara APROTOSOAIE, Lăcrămioara IVĂNESCU, Maria-Magdalena ZAMFIRACHE, Lucian – Dragoș GORGAN**

CHEMICAL COMPOSITION OF VOLATILE OILS IN LAVANDULA ANGUSTIFOLIA MILL CV. 'PROVENCE BLUE

**Teodora-Roxana ZĂNOAGĂ, Milca PETROVICI**

STUDY ON THE TROPHIC NICHE OF ONE BARN OWL TYTO ALBA S. 1769 (AVES: STRIGIFORMES) FROM THE COUNTY ARAD

**Florina STĂNESCU, Ana-Maria DRĂGAN, Dan COGĂLNICEANU**

EXPLORING THE ACOUSTIC HERITAGE OF THE CARPATHIANS - A CASE STUDY FROM RETEZAT NATIONAL PARK

**Maria-Claudia COVACIU, Milca PETROVICI**

BUTTERFLY FAUNA (INSECTA: LEPIDOPTERA) FROM SOUTHEASTERN AREA OF APUSENI NATURE PARK

**Mihai DOROFTEI, Silviu COVALIOV, Simona Dumitrița CHIRILĂ, Marian MIERLĂ, Cristian TRIFANOV, Matei SIMIONOV, Adrian BURADA, Katarina TOŠIĆ, Gabriel LUPU, Liliana ENE, Marius FĂGĂRAȘ**

REED BEDS CONVERSION TO FLOODPLAIN PASTURES A CHALLENGE FOR BIODIVERSITY CONSERVATION

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