

EUB 2022



ECOLOGICAL
UNIVERSITY
of
BUCHAREST

in the service of ecology and higher education

Faculty of Ecology and Environmental Protection

Ecology of XXI Century - Only One Earth

10th International Multidisciplinary Academic Conference

Section Natural Sciences and Ecology

„Conservation of natural and cultural heritage”

PROGRAMME

ONLINE EVENT

Session Program:

- 16⁰⁰ – 16⁰⁵ Introduction of the participants
16⁰⁵ – 16¹⁵ Opening of the Session
16¹⁵ – 18⁵⁰ Paper presentation
18⁵⁰ – 19⁰⁰ Discussions. Closure of the Session

Scientific Committee:

Iuliana Gheorghe, Ph.D., Professor, Ecological University of Bucharest
Mihaela Vasilescu, Ph.D., Associate Professor, Ecological University of Bucharest
Giuliano Tevi, Ph.D., Associate Professor, Ecological University of Bucharest
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Bucharest, Romania
Thursday, the 7th of April 2022

16⁰⁰ – 16⁰⁵ Introduction of the participants

Suzana Cocioabă, Ph.D., Lecturer, Ecological University of Bucharest

16⁰⁵ – 16¹⁵ Opening of the Session

Suzana Cocioabă, Ph.D., Lecturer, Ecological University of Bucharest

16¹⁵ – 18⁵⁰ Paper presentation

1. THE STRUCTURAL DIFFERENCE OF BACTERIAL POPULATIONS IN AN ANTHROPIC LAKE AND A NATURAL LAKE

Dragoș Mihai Rădulescu, MSc Student, Master's program: Environmental Impact Assessment, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Mihai Niță - Lazăr, Scientific researcher I (PhD Biologist) National Research and Development Institute for Industrial Ecology, ECOIND

2. MONITORING THE FLOW OF GAMMA DOSE IN THE AIR ON THE ROMANIAN TERRITORY

Mihaela Popeangă, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Constantin Dănciulescu, Professor PhD, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

3. A COMPARATIVE STUDY OF THE LINEAR AND NON-LINEAR METHODS FOR DETERMINATION OF THE OPTIMUM EQUILIBRIUM ISOTHERM FOR Pb(II) AND Cd(II) BIOSORPTION ONTO BACTERIAL BIOMASS

Mihaela Roșca, Research assistant PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Raluca-Maria Hlihor, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Petronela Cozma, Lecturer PhD/ Researcher, “Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Isabela-Maria Simion, Researcher, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Cătălina Filote, Research assistant/PhD Student, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture, “Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection

4. EFFECTS OF Pb(II), Cd(II) AND Ni(II) ON BASIL (*Ocimum basilicum* L.) SEED GERMINATION AND SEEDLING GROWTH

Laura Hagi Zaleschi, Researcher PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Raluca Maria Hlihor, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Isabela Maria Simion, Researcher PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Dana Mihaela Asimincesei, PhD Student, “Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection

Maria Apostol, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

5. LIFE CYCLE ASSESSMENT (E-LCA) OF METAL REMOVAL FROM WASTEWATERS USING *Trichoderma viride*

Cătălina Filote, Research Assistant, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture, PhD Student, “Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection

Isabela Maria Simion, Researcher, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Mihaela Roșca, Research Assistant, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Maria Apostol, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Raluca Maria Hlihor, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

6. PHYTOTOXIC EFFECTS OF HEAVY METALS ON SEED GERMINATION IN *Lavandula angustifolia* L.

Maria Apostol, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Laura Hagi Zaleschi, Researcher PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

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Raluca Maria Hlihor, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

7. ENVIRONMENTAL IMPACT QUANTIFICATION DURING HEAVY METALS REMOVAL FROM WASTEWATER BY *Saccharomyces cerevisiae*

Isabela Maria Simion, Researcher PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Raluca Maria Hlihor, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Mihaela Roșca, Research Assistant, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

Cătălina Filote, Research Assistant, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture; PhD student, “Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection

Maria Apostol, Lecturer PhD, “Ion Ionescu de la Brad” Iasi University of Life Sciences, Faculty of Horticulture

8. INVESTIGATIONS ON ALTERNATIVE ENVIRONMENTALLY FRIENDLY TREATMENTS OBTAINED FROM SPONTANEOUS FLORA FOR CROP AND STORAGE PESTS

Daraban Gabriel Mihăiță, PhD Student, “Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection

Suteu Daniela, Prof. PhD Habil “Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection

9. STUDY REGARDING MANUFACTURE OF CARDBOARD AND SANITARY PAPER FROM SCRAP

Chirilă Sorin, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Georgescu Cătălin, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Vlăscianu Gabriel, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Pavel Nicușor, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Gîrleanu Ștefan, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Teșila Adrian, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Georgescu Cătălin, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Felicia Benciu, Lecturer PhD, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Gabriela Taulescu, Lecturer PhD, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

10. INNOVATIVE TECHNOLOGIES IN THE ROMANIAN CHEMICAL INDUSTRY - CHIMCOMPLEX CASE STUDY

Petri Ionela, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Felicia Benciu, Lecturer PhD, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Gabriela Taulescu, Lecturer PhD, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

11. AGRI-FOOD INDUSTRY - METHODS OF USING WASTE FROM OTHER INDUSTRIES. CASE STUDY - MUSHROOM FARM

Raluca Balaescu, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Ana Rabacu, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Viorel Nedelcu, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Adrian Tudor, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Teodora Baboianu, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Cristian Palievici, Student, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Felicia Benciu, Lecturer PhD, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

Gabriela Taulescu, Lecturer PhD, Ecological University of Bucharest, Faculty of Ecology and Environmental Protection

12. THE ROLE OF TRANSPARENCY IN A PENITENTIARY SYSTEM

Dan Vasile Ardelian, PhD Student, Doctoral School "Simion Mehedinți" Nature and Sustainable Development, University of Bucharest, Faculty of Geography

Cristian Braghină, Professor PhD, University of Bucharest, Faculty of Geography

13. GOODS WITH ETHNOGRAPHIC SIGNIFICANCE IN BUCOVINA

Gheorghe-Florin Avram, Student, University of Bucharest, Faculty of Geography

14. THE MAJOR ROLE OF HERITAGE VALUES IN DETERMINING BRANDS IN TOURISM

Elena Bogan, Lecturer PhD, University of Bucharest, Faculty of Geography

Andreea-Loreta Cercleux, Associate professor PhD, University of Bucharest, Faculty of Geography, Interdisciplinary Center of Advanced Research on territorial Dynamics

Dana Maria (Oprea) Constantin, Lecturer PhD, University of Bucharest, Faculty of Geography

Mihaela Preda, Lecturer PhD, University of Bucharest, Faculty of Geography

Iuliana Vijulie, Associate professor PhD, University of Bucharest, Faculty of Geography

15. PROTECTION OF CULTURAL HERITAGE DURING ARMED CONFLICTS. 1954 HAGUE CONVENTION AND UNESCO'S MISSION

Alina Diana Brumar, Student, Bachelor of Arts in International Relations and European Studies, Faculty of Political Science, University of Bucharest

16. THE ROLE OF GREEN SPACES IN THE URBAN CLIMATE. CASE STUDY: SLATINA MUNICIPALITY AREA

Dana Maria (Oprea) Constantin, Lecturer PhD, University of Bucharest, Faculty of Geography

Elena Grigore, Assistant PhD, University of Bucharest, Faculty of Geography

Elena Bogan, Lecturer PhD, University of Bucharest, Faculty of Geography

Gabriela Dîrloman, Professor PhD, "Nicolae Kretzulescu" Superior School of Commerce, Bucharest

Florina Tatu, Lecturer PhD, University of Bucharest, Faculty of Geography

Georgiana Daiana Lüftner, MSc Student, Master's program: Climatology and Water Resources, University of Bucharest, Faculty of Geography

17. THE ROLE OF SAILING TOURISM IN THE DEVELOPMENT OF THE ECONOMY OF LIMANU LOCALITY

Marius Alin Cristea, MSc Student, Master's program: Management of Tourist Resources and Activities, University of Bucharest, Faculty of Geography

Elena Bogan, Lecturer PhD, University of Bucharest, Faculty of Geography

Florina Tatu, Lecturer PhD, University of Bucharest, Faculty of Geography

Elena Grigore, Assistant PhD, University of Bucharest, Faculty of Geography

Dana Maria (Oprea) Constantin, Lecturer PhD, University of Bucharest, Faculty of Geography

Gabriela Dîrloman, Professor PhD, "Nicolae Kretzulescu" Superior School of Commerce, Bucharest

18. HEALTH PROTECTION AREAS AND LEGISLATIVE NORMS

Elena Grigore, Assistant PhD, University of Bucharest, Faculty of Geography

Dana Maria (Oprea) Constantin, Lecturer PhD, University of Bucharest, Faculty of Geography

Florina Tatu, Lecturer PhD, University of Bucharest, Faculty of Geography

Elena Bogan, Lecturer PhD, University of Bucharest, Faculty of Geography

Gabriela Dîrloman, Professor PhD, "Nicolae Kretzulescu" Superior School of Commerce, Bucharest

19. PERCEPTION OF HIGH SCHOOL STUDENTS SPECIALIZING IN TRADITIONS REGARDING TRADITIONS AND SUSTAINABLE RURAL TOURISM ON THE MĂRGINIMEA SIBIULUI

Alina-Mariana Pandelescu, Technological College "Grigore Cerchez" Bucharest

20. BRÂNCOVEANU PATRIMONY AT MOGOȘOAIA – BETWEEN CONSERVATION AND VALORISATION

Bogdan Petre, PhD Student, Doctoral School "Simion Mehedinți" Nature and Sustainable Development, University of Bucharest, Faculty of Geography

21. MEASURING TOURISM ACTIVITY'S EFFECTS ON THE BUILT HERITAGE OF SIGHIȘOARA MEDIEVAL FORTRESS

Mihaela Preda, Lecturer PhD, University of Bucharest, Faculty of Geography

Iuliana Vijulie, Associate professor PhD, University of Bucharest, Faculty of Geography

Alina Mareci, Assistant PhD, University of Bucharest, Faculty of Geography

Ana Irina Lequeux-Dincă, Lecturer PhD, University of Bucharest, Faculty of Geography

Elena Bogan, Lecturer PhD, University of Bucharest, Faculty of Geography

22. PROMOTING LAVENDER IN ROMANIA THROUGH EVENT TOURISM

Iuliana Vijulie, Associate professor PhD, University of Bucharest, Faculty of Geography

Mihaela Preda, Lecturer PhD, University of Bucharest, Faculty of Geography

Alina Mareci, Assistant PhD, University of Bucharest, Faculty of Geography

Ana Irina Lequeux-Dincă, Lecturer PhD, University of Bucharest, Faculty of Geography

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18⁵⁰ – 19⁰⁰ Discussions. Closure of the Conference.