



Asociația Pro
Universitatea „1 Decembrie 1918” din Alba Iulia



*1 Decembrie 1918” University of Alba Iulia, Balkan Environmental Association, Asociația Pro Universitatea „1 Decembrie 1918” din Alba Iulia, Department of Cell and Molecular Biology, “Iuliu Hațieganu” University of Medicine and Pharmacy, Cluj-Napoca, Romania, TÜVRheinland România, Environmental Science and Engineering Society, Alba Iulia City Hall, Alba County Council, Sebeș City Hall, Research-Development Resort for Viticulture and Wine Production - Blaj, Aiud City Hall, Association for Socio-Economical development - Alba

WORKSHOP PROGRAMME

Thursday, June 20th, 2019 – UAB - BENA WORKSHOP

09.00 - 10.00 PARTICIPANTS REGISTRATION

Aula Room, 15–17 Unirii Street, Alba Iulia

10.00 - 10.30 OFFICIAL OPENING CEREMONY

10.30 - 12.30 - ORAL PRESENTATION

SECTION 1- GREEN CITIES/SOCIETIES AND GREEN MANAGEMENT

Chairpersons: Siniša Ozimec, Mariana Golumbeanu

Location: Aula Room

10.30-10.50

M. Golumbeanu, F. Messal, R. Mateescu

COPERNICUS MARINE SERVICE TRAINING WORKSHOP FOR THE BLACK SEA REGION

10.50-11.10

B. Öztürk Kurtaslan, Ö. Demirel, S. S. Kurt Konakoğlu

INVESTIGATION OF SELCUK UNIVERSITY CAMPUS LANDSCAPE DESIGN IN TERMS OF WATER EFFICIENT LANDSCAPE ARRANGEMENT

11.10-11.30

D. Popescu, M. Comsa Maria, A. Hoble, I.C. Bunea, T. Gaman, S. A. Tamas, M. Guernion, S. Kratschmer, G. J. Zaller, S. Winter

BIODIVERSITY AND ECOSYSTEM SERVICE IN TRANSYLVANIA – NEW APPROACH TO A SUSTAINABLE VINEYARDS

11.30-11.50

L. Milošević, E. Mihajlović, N. J. Malenović, G. Janačković, D. Vasović

ROOT-CAUSE ANALYSIS OF PROMINENT LANDFILL FIRE RISK FACTORS ON THE EXAMPLE OF A SANITARY AND A NON-SANITARY LANDFILL

11.50-12.10

S. Demir, N.D. Ersöz, Ö. Demirel

SUITABLE LAND USE DECISION WITH THE DYNAMICS OF LANDSCAPE SENSITIVITY: CASE OF GOLCAYIR-TRABZON

12.10-12.30

I. Egresi

PERCEPTION OF TOURISM IMPACT: A COMPARATIVE ANALYSIS BETWEEN TURKISH AND INTERNATIONAL STUDENTS STUDYING IN TURKEY



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13.00 - 14.30 - Lunch (University Restaurant)

14.30 - 16.30 - ORAL PRESENTATION

SECTION 2 - CIRCULAR ECONOMY AND SUSTAINABLE DEVELOPMENT

Chairpersons: Christiana Koliouka, Borislav Malinovic

Location: Aula Room

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| 14.30–14.50 | C. Koliouka, Z. Andreopoulou
SUSTAINABLE DEVELOPMENT IN EU: ASSESSMENT OF ICT INFRASTRUCTURE |
| 14.50–15.10 | A. Özden, O. O. Özer
ENVIRONMENTAL AND PRODUCTION EFFICIENCY CALCULATIONS IN TURKISH AGRICULTURE |
| 15.10–15.30 | B. N. Malinovic, T. Djuricic
TREATMENT OF COPPER CYANIDE WASTEWATERS IN ELECTROCHEMICAL BATCH REACTOR WITH DIFFERENT ELECTRODE MATERIALS |
| 15.30–15.50 | G. Vlăsceanu, L. Apostol
FROM WASTE TO FUNCTIONAL INGREDIENT - A MODERN APPROACH OF THE CIRCULAR ECONOMY CONCEPT |
| 15.50–16.10 | E. Merve Alpak, T. Düzenli, A. Çiğdem
SUSTAINABILITY OF URBAN IDENTITY: THE CASE OF TRABZON CITY |
| 16.10–16.30 | E.-D. Arion, M. Dirja, F. Arion, M.-O. Moldovan, M. Voevod
ECONOMIC EFFICIENCY OF HYDROGRAPHIC SUB-BASINS DEVELOPMENT |

16.30 - 17.00 - Coffee Break

17.00 - 19.00 - ORAL PRESENTATION

SECTION 3 – PUBLIC HEALTH

Chairpersons: Carmen Oprea, Yener Ataseven

Location: Aula Room

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| 17.00-17.20 | S. Türkmen, Y. Ataseven
EVALUATION OF DAIRY ESTABLISHMENTS IN TURKEY WITH REGARD TO FOOD HYGIENE AND SAFETY IN EUROPEAN UNION PROCESS: RESEARCH OF ANKARA PROVINCE |
| 17.20-17.40 | C. Constantin, L. Stoica, G. Bacioiu, C. Munteanu
DISSOLVED AIR FLOTATION (DAF) TECHNIQUE IN WATER QUALITY |

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| 17.40-18.00 | D. Demiroğlu, A. Çoban, A. A. Karadağ, A.E. Cengiz
MIGRATION-ASYLUM SEEKERS AND OPEN-GREEN SPACES: KİLİS CASE/TURKEY |
| 18.00-18.20 | B.Ö. Kurtaslan
VIEWS OF THE STUDENTS ON THE LANDSCAPE PLANNING AND DESIGN OF SELCUK UNIVERSITY ALAADDIN KEYKUBAT CAMPUS |
| 18.20-18.40 | N. Sdrula, S. Ștefan C. Craiu
THE BIOMETHANE A FUTURE VERSATILE RENEWABLE FUEL IN ROMANIA |
| 18.40-19.00 | E. Malkoç True, H. Sönmez Türel, İ. Altuğ Turan
USER – SPACE RELATIONSHIP IN PUBLIC SPACES: BORNOVA BUYUK PARK, IZMIR |

19.30- 22.00 Welcome dinner (HOTEL CETATE RESTAURANT)

Friday, June 21st, 2019 – UAB - BENA WORKSHOP

09.00 - 11.30 - POSTER PRESENTATION – PARALEL SESSION

09.00 – 10.40 – ORAL PRESENTATION

SECTIONS 1, 2, 3	
Chairpersons: Carolina Constantin, Dejan Vasovic	
Location: A9 Amphitheatre	
09.00-09.20	G. Janačković, L. Milošević, N. J. Malenović, N. Vesna, D. Vasovic MITIGATING THE RISK OF NATURAL DISASTERS BY IMPROVING SOCIO-ENVIRONMENTAL SYSTEM RESILIENCE
09.20-09.40	O. Orkan Özer, M. Kan, A. Özden IMPACT OF GLOBAL CLIMATE CHANGE ON AGRICULTURAL PRODUCTION: BALKAN COUNTRIES IN 2050
09.40-10.00	D. Krstić, N.Mj. Malenović, Z. Darko, V. Dejan ELECTROMAGNETIC RADIATION AS A FACTOR FOR ENDANGERING THE PUBLIC HEALTH OF THE INHABITANTS OF THE BALKAN COUNTRIES
10.00-10.20	V. Raykov, I. Zlateva, M. Yankova, I. Kotsev SPATIAL AND TEMPORAL ANALYSIS ON SPRAT (SPRATTUS SPRATTUS L.) SURVEYS CATCH PER UNIT EFFORT AND CATCH PER UNIT AREA FROM BULGARIAN MARINE ZONE
10.20-10.40	D. I. Tomuş, C. A. Roba, C. Roşu CHEMICAL CHARACTERISATION OF ACID MINE DRAINAGE FROM VALEA ŞESEI TAILING DAM (NW OF ROMANIA) AND ITS IMPACT ON SURFACE

10.40 – 11.00 - Coffee Break

11.00 – 12.20 – ORAL PRESENTATION

SECTIONS 1, 2, 3	
Chairpersons: Ioana Ionel, Cristina Roşu	
Location: A9 Amphitheatre	
11.00-11.20	R. T. Tiegam Fregue, I. Ionel, A. S. Gabche, T. Vintilă, C. I. Ungureanu, A. Matiuti EXPERIMENTAL BIOGAS PRODUCTION FROM CAMEROON LIGNOCELLULOSIC WASTE BIOMASS
11.20-11.40	A. Ayfer Karadağ, A. Esra Cengiz, D. Demiroğlu DETERMINATION OF SENSITIVE LANDSCAPES FOR LANDFILL: SIVAS CASE/TURKEY



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11.40-12.00

A. N. Pop

CLUSTERS – ECOSYSTEMS FOR INNOVATION AND NEW BUSINESS

12.00-12.20

A. Esra Cengiz, A.A. Karadağ, D. Demiroğlu

CONTRIBUTION OF LANDSCAPE CHARACTER ANALYSIS TO SUSTAINABLE URBAN PLANNING: GAZIANTEP CASE/TURKEY

12.20 - 13.00 - Official closing workshop/Conclusions

13.00 - 14.30 - LUNCH (University Restaurant)

17.00 - 19.00 - Social event – TOUR OF THE MAIN HISTORICAL POINTS OF INTEREST IN ALBA IULIA

19.30 - 22.30 - Dinner (HOTEL CETATE RESTAURANT)

Saturday, June 22nd, 2019 – UAB - BENA WORKSHOP

DEPARTURE OF PARTICIPANTS

POSTER SESSION

Friday, June 21st, 2019

Location: University Hall

9.00 - 11.30 - POSTERS PRESENTATION- PARALEL SESSION

SECTION 1 - GREEN CITIES / SOCIETIES AND GREEN MANAGEMENT

Chairpersons: N. Sdrula, V. Micle, A. Vîrsta, D. Popa, H. Matei, M. Corches

P1.01. G. VARRAS, Z. ANDREOPOULOU, C. KOLIOUSKA, M. PAPAKONSTANTINOU, G. VARRAS

AN ONLINE DSS FOR FOREST ECOSYSTEM IN TERMS OF SUSTAINABILITY

P1.02. L. TOMOIAGĂ, M. ILIESCU, V. CHEDEA, E.A. POP, A. SÎRBU

STUDIES CONCERNING THE BIODIVERSITY CONSERVATION IN THE VINEYARDS LOCATED IN THE CENTER OF TRANSILVANIA

P1.03. V. ARTEM, A. RANCA, A. NECHITA, G. TUDOR, M. ILIESCU, A.O. ANTOCE

THE INFLUENCE OF THE BUD LOAD ON THE QUALITY OF GRAPES AND WINES OBTAINED FROM CABERNET SAUVIGNON

P1.04. A. RANCA, I. DINA, V. ARTEM, P. BOLOS, M. CÎLȚ, S. ENE

EXPERIMENTATION OF AN INNOVATIVE SYSTEM FOR ORGANIC CULTIVATION OF TWO GRAPEVINE VARIETIES UNDER THE MURFATLAR VINEYARD CONDITIONS

P1.05. A.M. CHIRILĂ BĂBĂU, V. MICLE, G.E. DAMIAN, I.M. SUR

STUDY ON THE BIOACCUMULATION AND TRANSLOCATION FACTORS OF LEAD AND COPPER IN PSEUDOACACIA L. (LEGUMINOSAE)

P1.06. G.E. DAMIAN, V. MICLE, I.M. SUR

REMOVAL OF HEAVY METALS FROM CONTAMINATED SOIL USING CHITOSAN AS WASHING AGENT-A PRELIMINARY STUDY

P1.07. D.M. MIHALEA, O. GACEU

ANTHROPIC INFLUENCE ON THE ENVIRONMENT IN THE UPPER BASIN OF THE CRIȘUL NEGRU

P1.08. M. DAN, A. VULCU, S. PORAV, C. BERGHIAN-GROSAN, S. VARVARA

GRAPHENE-BASED NANOMATERIALS FOR ENVIRONMENTAL PROTECTION

P1.09. I.-F. BURLACU, L. FAVIER, E. MATEI, C. PREDESCU, D. GYÖRGY

PHOTOCATALYTIC DEGRADATION OF A REFRACTORY WATER POLLUTANT USING NANOSIZED CATALYSTS

P1.10. I. M. SUR, V. MICLE, G. E. DAMIAN

ASSESSMENT OF HEAVY METAL CONTAMINATION AND BIOREMEDIATION POTENTIAL OF THIOBACILLUS FERROOXIDANS IN SOILS AROUND A COPPER QUARRY

P1.11. T. GABOR, V. DAN, A.E. TIUC, I.M. SUR, I.N. BADILA
AN EXPERIMENTAL SETUP FOR THE ANALYSIS OF AN DRAIN WATER HEAT RECOVERY SYSTEM IN CIVIL BUILDINGS

P1.12. C. GHERGHELEȘ, E.V. PANTEA, M. COSTEA, DANIELA MARELE
STUDIES REGARDING THE RISKS ON THE SOILS GENERATED BY THE SANTĂUL MIC CLAY AND ASH DEPOSITS AND THE PREVENTIVE MEASURES

P1.13. G. HERMAN, O. GACEU, C. MESTER, S. BAIAS, T. CACIORA, J. WENDT
SPATIAL ANALYSIS OF WATER QUALITY IN NATURA 2000 SITES BIHOR, ROMANIA

P1.14. M. ISTRATE, R. HOREA-ȘERBAN, A. BĂNICĂ
ECO – INNOVATION PROGRESS FOR GREEN AND RESILIENT DEVELOPMENT. INSIGHTS FROM CENTRAL AND EASTERN EUROPEAN UNION

P1.15. C. ONET, E. PANTEA, A. TEUȘDEA, L. DINCĂ, N.C. SABĂU, A. ONET, V. TIMIȘ-GÂNSAC
FACTORS THAT INFLUENCE THE CHARACTERISTICS OF THE QUALITY PARAMETERS OF DRINKING WATER USED IN THE FOOD PROCESSING INDUSTRY FROM BIHOR COUNTY, ROMANIA

P1.16. V. ANGELOVA
UPTAKE OF HEAVY METALS BY ENHANCED TOBACCO GROWN IN INDUSTRIALLY POLLUTED SOILS IN BULGARIA

P1.17. D.E. VIZITIU, L. DINCĂ, G. MURARIU, C.M. CIOBOTEA, L.P. GEORGESCU
ANALYSING THE PHENOLOGICAL PHASES OF THE MAIN GRAPEVINE SPECIES FROM STEFANESTI VITICULTURAL CENTER ROMANIA IN ORDER TO IMPROVE THEIR MANAGEMENT

P1.18. R. OLGUN, T. YILMAZ
EVALUATION OF THE RESTORATIVE EFFECT OF URBAN GREEN AREAS: THE CASE OF TURKEY

P1.19. A.M. PANĂ, G.A. DUMITREL, L.V. ORDODI, V. GHERMAN, G. RUSU, A. STĂNESCU, L.M. RUSNAC
PRELIMINARY STUDY ON POLYMER DEGRADATION USING AN AEROBIC REACTOR

P1.20. E. PANTEA, A. ONET, C. GHERGHELES, M.A. COSTEA, C. ONET, C. SABĂUNICU, E. AGUD, S. PANTEA
ASSESSING THE IMPACT OF TECHNOLOGICAL WASTEWATER ON SURFACE WATER RESOURCES

P1.21. A. VIRSTA, M.A. SANDU, A.E. DARABAN, R.M. MANEA
GAPS ON WASTE MANAGEMENT EDUCATION IN SCHOOLS AND UNIVERSITIES FROM BUCHAREST

P1.22. M. RUSCĂ, T.A. RUSU, A. SUCIU
CASE STUDY ON PARTICULATE MATTER (PM) POLLUTION IN LARGE CITIES

P1.23. N.C. SABĂU, S. GULER, V. LASLO, A. ONET, M. DUMITRU, E. PANTEA, C. ONET, E. SERBAN, C. MESTER
TEMPORAL AND SPATIAL MONITORING OF THE GROUNDWATER QUALITY IN THE WESTERN MUNICIPALITY OF ORADEA, ROMANIA

P1.24. I. TULBURE, A. DREGHICI
RATING BUILT-UP AREA ENERGY AND ENVIRONMENTAL PERFORMANCE FOR SUSTAINABLE CITIES

P1.25. I. TULBURE, M. SALAJANU
ENVIRONMENTAL ASSESSMENT OF URBAN WATER MANAGEMENT

P1.26. I. TULBURE, C. COSMA (TRIPON)
FRAMEWORKS FOR SHAPING SUSTAINABLE MANUFACTURING

P1.27. A. OANCEA, I. TULBURE
ENVIRONMENTAL ASSESSMENT OF ELECTRICAL POWER SUPPLY

SECTION 2 - CIRCULAR ECONOMY AND SUSTAINABLE DEVELOPMENT

P2.01. F.H. ARION, A.I. CHERECHES, R. HARUN, I.D. ARION, I.C. MUREȘAN, I. ILARIE, A.R. PORUTIU
SUCCESS FACTORS FOR AN EU AGRI-FOOD META-CLUSTER

P2.02. V. CRIȘAN, L. DINCĂ, R. ENESCU, A. ONET, S. DECA
DEPOLLUTING THE SLIME DEPOSIT IN BRASOV - A CASE STUDY

P2.03. D. BADULESCU, D. PERTICAS, A. FLOREA, M. SEHLEANU, A. BADULESCU
EDUCATION AND SUSTAINABLE BEHAVIOR AMONG YOUNG PEOPLE. EVIDENCE FROM THE NORTH-WEST REGION OF ROMANIA

P2.04. I.A. CHIURCIU, D. DANA, V. VOICU, E. SOARE
SPECIAL FOLIAR FERTILISATION AN EFICIENT MEAN TO SUNFLOWER CROP FOR INCREASE DEGREES OF PRODUCTIVE USE OF NUTRIENTS FROM FERTILISERS AND SOIL

P2.05. L. DIMEN, T. BORȘAN, F. BRAȘOVEANU
STUDIES REGARDING TO THE ABIOTIC ENVIRONMENT OF “PIEMONTUL MUNȚILOR METALIFERI” NATURA 2000 AREA

P2.06. A. TIRON-TUDOR, G. ZANELLATO, M.E. MOISE
HEIS SUSTAINABLE DEVELOPMENT: PERFORMANCE MEASUREMENTS, REPORTS AND RANKINGS

P2.07. M. UNGUREANU, A.L. LĂZURAN, I. JOSAN, O. GACEU
WINE TOURISM – A NEW OPPORTUNITY TO SUSTAINABLE RURAL DEVELOPMENT IN WESTERN ROMANIAN VINEYARDS

P2.08. M. ISTRATE, R. HOREA-SERBAN, A. BĂNICĂ
PROGRESS IN ECO – INNOVATION FOR GREEN AND RESILIENT DEVELOPMENT. INSIGHTS FROM CENTRAL AND EASTERN EUROPEAN UNION

P2.09. N.J. MALENOVIĆ, D. KRSTIĆ, L. MILOŠEVIĆ, G. JANAČKOVIĆ, D. VASOVIĆ
PRINCIPLES OF SUSTAINABLE DEVELOPMENT AND GREEN MANAGEMENT IN THE BALKAN COUNTRIES BASED ON THE USE OF RENEWABLE RESOURCES AND THE CIRCULAR ECONOMY MEASURES

P2.10. N.J. MALENOVIĆ, A. ILIĆ PETKOVIĆ, D. VASOVIĆ, G. JANAČKOVIĆ, M. MESIĆ
COMPARATIVE ANALYSIS OF ENVIRONMENTAL PROTECTION POLICY AT THE LOCAL SCALE – COMPARISON OF LEGAL REGULATIONS IN THREE SOUTHEASTERN EUROPE COUNTRIES

P2.11. R. MATEESCU, D. NICULESCU, E. VLASCEANU
MODELING BASED RESULTS ON THE BATHING AREAS’ MANAGEMENT SCENARIOS FOR EFORIE – MAMAIA TOURISTIC RESORTS

P2.12. C. NEGRUȚ, A. BEGOV UNGUR

THE DETERMINATIONS OF THE POLLUTION LEVEL AT ZLATNA MINE IN VIEW OF AREA ECOLOGIZATION

P2.13. G. VARRAS, Z. ANDREOPOULOU, C. KOLIOUSKA, M. PAPAKONSTANTINOU, G. VARRAS

AN ONLINE DSS FOR FOREST ECOSYSTEM IN TERMS OF SUSTAINABILITY

P2.14. D. PRLIĆ, S. OZIMEC, T. FLORIJAŃIĆ (Croatia)

ACTIVITIES IN CONSERVATION OF DRY HABITATS IN NATURA 2000 AREAS ALONG THE DANUBE COURSE IN CROATIA

P2.15. N. RADU, M. BEGEA

IMPACT GENERATED IN THE SOIL AND VEGETABLES DUE TO USING THE FERTILIZERS WITH MICROBIAL BIOMASS

P2.16. N. RADU, M. BEGEA

RISK ASSESSMENT REGARDING POLLUTION WITH NUTRIENTS ON THE SURFACE WATER DUE TO USE OF FERTILIZERS WITH MICROBIAL BIOMASS

P2.17. R. TRUTA, S. VARVARA, S.A. DORNEANU, P. ILEA, P. MIHAIU

RECOVERY OF ZINC BY ELECTRODEPOSITION FROM ACIDIC SOLUTIONS RESULTING FROM CHEMICAL STAGE OF SPENT BATTERIES TREATMENT

P2.18. S. VARVARA, S.A. DORNEANU, A. OKOS, R. BOSTAN, M. POPA, G. DAMIAN, P. ILEA

DISSOLUTION OF NICKEL IN BROMIDE-BASED SOLUTIONS USED AS LIXIVIANTS FOR WASTE PRINTED CIRCUIT BOARDS

P2.19. O. R. IVAN, A. TABIRCĂ, V. RADU

INTEGRATION OF ENVIRONMENTAL SUSTAINABLE PRINCIPLES INTO ROMANIAN SMES REPORTING IN ORDER TO MEET EU TARGETS

P2.20. D. C. ILIES, L. INDRIE, P. I. OANA, A. ILIES, F. MARCU, A. AXINTE, L. BURTA, G. HERMAN, A. BAIDOG, M. ILIES, C. IOVAN, A. ALBU, J. WENDT, M. COSTEA

INVESTIGATIONS OF AGED TEXTILES USING SCANNING ELECTRON MICROSCOPY

SECTION 3 - PUBLIC HEALTH

P3.01. E. AGUD, V. LASLO, E. PANTEA, C. ONET

DIANTHUS DIUTINUS KIT, EUROPEAN ENDEMISM CRITICALLY ENDANGERED WITH EXTINCTION: MULTIPLIED IN VITRO FOR THE CONSERVATION AND REPOLULATION OF ITS AREA OF ORIGIN

P3.02. C. TIBEA, D. POPA

ULTRA HIGH-PERFORMANCE CONCRETE – ANALYSIS ON THE ENVIRONMENTAL IMPACT OF A WRONGFULLY ACCUSED MATERIAL DUE TO HIGH QUANTITY OF CEMENT UTILIZATION

P3.04. C.M. MIHAI, V. CUZIC, L. MIHAI, A.D. DUMITRU, F. MANGU, T. CHISNOIU, I. PRUNA, R.M. LITRIN, S.C. CAMBREA, A.L. BALASA

NITRATE POISONING IN INFANTS FROM DOBROGEA

P3.05. C.S. DANILOV, A. OROS, M. VALODEA, G. TIGANOV

HEAVY METAL CONTAMINATION OF RAPANA VENOSA (VALENCIENNES, 1846) AT THE ROMANIAN BLACK SEA COAST

P3.06. P. TOTH, D. FIT, C.A. CULDA, R. CARPA, A. BUTIUC-KEUL, C.A. ROBA, C. ROȘU
 QUALITY ASSESSMENT OF DRINKING WATER FROM SEVERAL PRIVATE WELLS FROM LAZURI VILLAGE (SATU MARE COUNTY, NW OF ROMANIA)

P3.07. D.M. FAUR, M. MOLDOVAN, D. PRODAN, C. ALDEA, D. DELEANU, B. BULATĂ, A. CALIMENT, V. LAZĂR, C. BORZAN
 CORRELATION OF THE MINERALS AND TRACE ELEMENTS LEVEL IN THE URINE OF HEALTHY CHILDREN AND CHRONIC KIDNEY DISEASE PEDIATRIC PATIENTS

P3.08. I. GLEVITZKY, G.A. DUMITREL, M. GLEVITZKY, M. POPA, S. BUNGAU
 ASPECTS CONCERNING THE MANAGEMENT OF THE GROUNDWATER IN THE FĂRĂU AREA – ALBA COUNTY IN THE CONTEXT OF IMPLEMENTING A CENTRALIZED DRINKING WATER SUPPLY SYSTEM

P3.09. M. IFTIME, E.C. MUȘAT, P.A. TISIORAS, V.D. CIOBANU
 ANALYSIS OF THE WORKING ACCIDENTS RECORDED DURING THE HARVESTING OF THE TREES, BETWEEN 2013 AND 2018, FOR WORKERS OF THE NATIONAL FOREST ADMINISTRATION ROMSILVA, ROMANIA

P3.10. M. ILIESCU, L. TOMOIAGĂ, V.S. CHEDEA, E.A. POP, M. POPA, A. CĂLUGĂR, A. BABEȘ
 EVALUATION OF CLIMATE CHANGES ON THE VINE AGROSYSTEM IN TÂRNAVE VINEYARD

P3.11. E. AGUD, V. LASLO, E. PANTEA, C. ONEȚ
 DIANTHUS DIUTINUS KIT, EUROPEAN ENDEMISM CRITICALLY ENDANGERED WITH EXTINCTION: MULTIPLIED IN VITRO FOR THE CONSERVATION AND REPOLULATION OF ITS AREA OF ORIGIN

P3.12. M.L. VICĂ, H.V. MATEI, A. PUJA, C.V. SISERMAN
 THE ASSOCIATION OF PATHOGENS INVOLVED IN SEXUALLY TRANSMITTED INFECTIONS

P3.13. I.C. MURESAN, R. HARUN, G.O. CHICIUDEAN, F.H. ARION, G. ILIES, M. ILEA
 SUSTAINABLE CONSUMPTION: AN EMPIRICAL STUDY IN CLUJ-NAPOCA, ROMANIA

P3.14. T. NEGREANU-PIRJOL, B. NEGREANU-PIRJOL, D. ROSIORU, M. GOLUMBEANU, D.R. POPOVICIU
 EVALUATION OF ANTIOXIDANT CAPACITY, TOTAL POLYPHENOLS AND PIGMENTS CONTENT IN TWO SELECTED MARINE MACROALGAE SPECIES

P3.15. G.Z. NICULA, M. LISMAN, M.L. VICA, R. MUNTEANU, H.V. MATEI, A. FLOREA
 ULTRASTRUCTURAL CHARACTERIZATION OF NATURAL AND SYNTHETIC FIBERS: POTENTIAL USE IN CRIMINAL INVESTIGATIONS

P3.16. C. ONEȚ, E. PANTEA, S. PANTEA, A. ONEȚ, G. HERMAN, V. TIMIS-GANSAC, E. AGUD
 MICROBIOLOGICAL SCREENING OF THE FUNGI ISOLATED FROM INDOOR ENVIRONMENT IN A CULTURAL HERITAGE MUSEUM FROM BIHOR COUNTY, ROMANIA

P3.17. C. OPREA, E.V. IONESCU, R.E. ALMASAN, A.I. TUCMEANU, M.G. ILIESCU
 THE USE OF NATURAL BALNEARY TREATMENT FACTORS FROM THE PERSPECTIVE OF PRACTITIONERS AND BENEFICIARIES

P3.18. S. PETRIȘOAI, D. DIACONEASA, A. SPÎNU, L. BUGA, M. GOLUMBEANU
 THE BARRIER ISLAND IN THE MUSURA GULF - GEOMORPHOLOGICAL ASPECTS DURING 2008 – 2018

P3.19. C.M. POHONȚU
 TOXIC EFFECTS OF SYNTHETIC FOOD DYES ON THE ORGANISMS OF PLANTS AND FUNGI

P3.20. D.R. POPOVICIU, T. NEGREANU-PIRJOL, B.S. NEGREANU-PIRJOL
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