



Section 5

**LAND RECLAMATION, EARTH
OBSERVATION & SURVEYING,
ENVIRONMENTAL ENGINEERING**

**SCIENTIFIC COMMITTEE OF
LAND RECLAMATION, EARTH OBSERVATION&SURVEYING,
ENVIRONMENTAL ENGINEERING SECTION**

- Alexandru BADEA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ioan BICA - Technical University of Civil Engineering Bucharest, Romania
- Daniel BUCUR - "Ion Ionescu de la Brad" University of Life Sciences of Iasi, Romania
- Stefano CASADEI - University of Perugia, Italy
- Fulvio CELICO - University of Molise, Italy
- Carmen CÎMPEANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Sorin Mihai CÎMPEANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Marcel DARJA - University of Agricultural Sciences and Veterinary Medicine Cluj-Npoca, Romania
- Claudiu DRAGOMIR - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Eric DUCLOS-GENDREU - Spot Image, GEO-Information Services, France
- Delia DUMITRIU – Manchester Metropolitan University, United Kingdom
- Ion GIURMA - "Gheorghe Asachi" Technical University of Iasi, Romania
- Jean-Luc HORNICK - Faculté de Médecine Vétérinaire, Université de Liège, Belgium
- Hossein Kazemi - Faculty of Plant Production, Gorgan University of Agricultural Sciences and Natural Resources (GUASNR), Gorgan, Iran
- Ilias KYRIAZAKIS - Newcastle University - United Kingdom
- Emil LUCA - University of Agricultural Sciences and Veterinary Medicine Cluj, Romania
- Eugeniu LUCA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Carmen MAFTEI - Ovidius University of Constanta, Romania
- Raluca MANEA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Sevastel MIRCEA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Nicolae PETRESCU - Valahia University Targoviste, Romania
- Marius Ioan PISO - Romanian Space Agency, Romania
- Maria POPA - "1 Decembrie 1918" University of Alba Iulia, Romania
- Dorin Dumitru PRUNARIU - Romanian Space Agency, Romania
- Ramiro SOFRONIE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Răzvan Ionuț TEODORESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Cornel Cristian TEREȘNEU - Transilvania University of Brașov, Romania
- Augustina TRONAC - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ana VÎRSTA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

**LAND RECLAMATION, EARTH OBSERVATION&SURVEYING,
ENVIRONMENTAL ENGINEERING SECTION**

ORGANIZING COMMITTEE

- Ana VÎRSTA
- Mirela Alina SANDU
- Andreea OLTEANU
- Augustina TRONAC
- Patricia MOCANU
- Veronica IVĂNESCU
- Tatiana OLINIC
- Florin NEACȘU

VENUE

University of Agronomic Sciences and Veterinary Medicine of Bucharest

Faculty of Land Reclamation and Environmental Engineering

Adress: 59 Marasti Blvd, District 1, Zip code 011 464

E-mail: agricultureforlife@usamv.ro

Web:<http://agricultureforlife.usamv.ro>

Phone: +40 788 014 935

DETAILED PROGRAMME

SECTION 5 – LAND RECLAMATION, EARTH OBSERVATION & SURVEYING, ENVIRONMENTAL ENGINEERING

Section Chairman:

Prof. Ana VÎRSTA

Dean – Faculty of Land Reclamation and Environmental Engineering

Faculty of Land Reclamation and Environmental Engineering

Day 1 – Thursday, June 8

FIFIM Building, 2nd Floor, Amphitheatre A.II

SESSION I

Chairman: Lecture Tatiana Olinic PhD.

Moderator: Research Assistant Ira-Adeline Simionov PhD.

Time	Activity	Presenter(s)
14:00	<i>Welcome and Conference Section Opening</i>	Prof. Ana VÎRSTA (Dean FIFIM)
14:10	<i>Keynote speech</i> «The impact of the biotic stress on the plants grew at elevated carbon dioxide»	Prof. Lucian COPOLOVICI Ph.D. Habil ("Aurel Vlaicu" University from Arad)
14:30	<i>Oral Presentations</i> THE IMPACT OF <i>Eurydema ventralis</i> ON CAULIFLOWER (<i>Brassica oleracea</i> var. <i>botrytis</i>) GROWN AT DIFFERENT CO ₂ CONCENTRATIONS	Andreea LUPITU, Cristian MOISA, Dana Maria COPOLOVICI, Lucian COPOLOVICI

Time	Activity	Presenter(s)
	THE SYNERGIC EFFECT OF HIGH TEMPERATURE AND ELEVATED CARBON DIOXIDE ON CAULIFLOWER PLANTS	Flavia BORTES, Ioana MARGARIT, Andreea LUPITU, Cristian MOISA, Dana COPOLOVICI, Virgiliu CIUTINA, Lucian COPOLOVICI
	AIR EMISSIONS INVENTORY FROM A ROMANIAN CONSTRUCTION MATERIALS FACTORY	Patricia MOCANU, Veronica IVANESCU, Mirela Alina SANDU
	PROCESS AUDIT AT A GRINDING PLANT (CEMENT MILL) AT A CEMENT FACTORY - A CASE STUDY IN ROMANIA	Cristian-Bogdan CIOBANU, Gheorghe VOICU, Irina-Aura ISTRATE, Paula TUDOR, Bianca-Stefania ZABAVA
	THE RISK ASSESSMENT FOR THE MANAGEMENT OF PETROLEUM PRODUCT STORAGE & DISTRIBUTION SITE	Ana Maria PETRUTA, Dragoş DRĂCEA
	ANALYSIS REGARDING THE INCREASE IN THE RESISTANCE OF CEMENTITIOUS SELF-HEALING COMPOSITES TO THE ACTION OF MICROORGANISMS BY INDUCED PHOTOACTIVATION CAPACITY	Elvira GREBENIŞAN, Andreea HEGYI, Adrian-Victor LĂZĂRESCU
16:00	<i>Coffee break</i>	
16:30-17:30	<i>Poster display and viewing</i>	
19:00-21:30	<i>Official Gala Dinner- Cultural Event -</i>	CERES Restaurant, USAMV Campus

Day 2 – Friday, June 9

FIFIM Building, 2nd Floor, Amphitheatre A.II.2

SESSION II

Chairman: Prof. Ana Vîrsta PhD.

Moderator: Lecture Cristian Moise PhD.

Time	Activity	Presenter(s)
8:00	<i>Registration of participants</i>	
9:00	<i>Welcome and Conference Section Opening</i>	Prof. Ana VÎRSTA Ph.D. (Dean FIFIM)
9:10	<i>Keynote speech</i>	
	SEISMO-ARCHAEOLOGY IN ROMANIA: THE ANCIENT EARTHQUAKES AS A PATH TO FUTURE KNOWLEDGE	Emil Sever GEORGESCU Ph.D. (President of the Scientific Council of URBAN-INCERC)
9:30	<i>Oral Presentations</i>	
	ANALYSIS OF SEISMIC DATA FROM MODERATE INTENSITY EVENT OF 2022.11.03 RECORDED ON INSTRUMENTED STRUCTURES	Stefan Florin BALAN, Bogdan Felix APOSTOL, Anton DANET
	DATA COLLECTION IN THE WILD: CHALLENGES AND SOLUTIONS	Peter UDVARDY, Levente DIMEN, Gergely VAKULYA
	ADAPTATION STRATEGIES TO CLIMATE CHANGE WITH SUSTAINABLE IRRIGATION	Öner ÇETİN, Kıvanç Hayri DOĞANAY, Jovana BEZDAN
	BIO-REINFORCEMENT OF SLOPES	Tatiana OLINIC, Ana Maria STANCIU, Ana Cornelia BUTCARU, Vasilica LUCHIAN
	ANALYSIS OF THE IMPACT OF LAND USE CHANGES ON SOIL EROSION USING THE INTERO MODEL - CASE STUDY IN HYDROGRAPHIC BASINS IN ROMANIA	Paul SESTRAS, Sevastel MIRCEA

Time	Activity	Presenter(s)
	THE STATE AND BEHAVIOR OF SOME FORESTRY CULTURES INSTALLED ON DEGRADED LANDS IN THE FOREST-STEPPE SITE	Cristinel CONSTANDACHE, Ciprian TUDOR, Laurențiu POPOVICI, Vlad RADU
	THE POSSIBILITY OF ESTABLISHING A GOJI CULTURE AND ITS EFFICIENCY THROUGH ADAPTATION TO THE PEDOCLIMATIC CONDITIONS OF GORJ COUNTY	Irina-Ramona PECINGINA, Roxana-Gabriela POPA
11:00	<i>Coffee break</i> ; Viewing posters and discussions	

SESSION III

Chairman: Assoc. Prof. Iulia Dana Negula PhD.

Moderator: Lecture Octavian Balotă PhD.

Time	Activity	Presenter(s)
11:30	<i>Oral Presentations</i>	
	ASSESSMENT OF THE SAFETY OF URBAN GREEN AREAS USING GIS	Péter UDVARDY, Levente DIMÉN, Tudor BORŞAN
	EVALUATION OF THE INFLUENCE OF GREEN SPACE IN THE PROCESS OF REDUCING URBAN NOISE, ON THE TRANSVERSAL PROFILES OF TRAFFIC ROADS	Marta Cristina ZAHARIA, Gabriela VOLOACA
	THE APPLICATION OF COST-EFFECTIVE UAV SYSTEMS AND GIS SPATIAL ANALYSIS IN CADASTRAL AND CONSTRUCTION SURVEYING FOR BUILDING PLANNING	Paul SESTRAS, Sevastel MIRCEA
	EARTH OBSERVATION TECHNIQUES APPLIED FOR LAND WASTE DETECTION AND MONITORING	George BOLDEANU, Mihaela GHEORGHE, Cristian MOISE, Iulia DANA NEGULA
	ASSESSMENT OF THE EUROPEAN GROUND MOTION SERVICE ORTHO PRODUCTS FOR LANDFILL SYSTEMATIC OBSERVATION	Iulia DANA NEGULA, Cristian MOISE, Andi Mihai LAZĂR, Florina DEDIU, Mihaela GHEORGHE
	STUDIES OF BONITATION AND LAND EVALUATION IN MURFATLAR, CONSTANŢA COUNTY, ROMANIA, USING GIS TECHNIQUES	Anca-Roxana STRUGARIU
	SUPERIOR PHOTOGRAMMETRIC PRODUCTS USING DIRECT GEOREFERENCING, LIDAR DATA AND PRECISE TRANSFORMATIONS	Daniel ILIE, Constantin MOLDOVEANU, Octavian Laurențiu BALOTĂ
	THE EFFICIENCY OF HYDROTECHNICAL WORKS IN THE GURGHIU HYDROGRAPHIC BASIN	Iulia Diana ARION, Felix ARION, Irina Maria MORAR

Time	Activity	Presenter(s)
	INTEGRATED SYSTEM FOR THE COMPLEX ENVIRONMENTAL RESEARCH AND MONITORING IN THE DANUBE RIVER AREA – REXDAN	Cătălina ITICESCU, Puiu Lucian GEORGESCU, Mirela VOICULESCU, Stefan-Mihai PETREA, Mădălina CĂLMUC, Valentina CĂLMUC, Maxim ARSENI, Adrian ROȘU, Mihaela TIMOFTI, Cătălina ȚOPA, Michaela DOBRE, Daniel CONSTANTIN, Constantin APETREI
	Daniel ILIE, Constantin MOLDOVEANU, Octavian Laurențiu BALOTĂ	DIGITAL CONSERVATION OF HERITAGE BUILDINGS USING A UAV SYSTEM CONFIGURED FOR LATERAL SCANNING AND IMAGES, COMBINED WITH A HYBRID PROCESSING METHOD
13:30	<i>Lunch; Viewing posters and discussions</i>	
14:30	<i>Final Discussions and Conclusions</i>	

POSTER SESSION

Chairman: Assoc. Prof. Mirela-Alina Sandu PhD.

Moderator: Lecture Veronica Ivănescu PhD.

No.	Paper ID	Presenter(s)	Paper Title
1.	LRE321	Joanna KOSNO-JOŃCZY, Marzena SUCHOCKA, Joanna DUDEK-KLIMIUK, Tatiana SWOCZYNA	THE USEFULNESS OF THE STRUCTURAL SOIL FOR THE DEVELOPMENT OF TREES IN URBAN AREAS
2.	LRE433	Ovidiu Marcel SÎRBU, Clara-Beatrice VÎLCEANU, Anca Maria MOSCOVICI, Alexandru-Iulian ILIESCU, Remus CHENDEȘ, Otilia-Maria ANDERCA	MONITORING OF “DEALUL MARIA” MARBLE PERIMETER, RUSCHIȚA, CARAȘ-SEVERIN COUNTY
3.	LRE443	Ernest Daniel OLINIC, Tatiana OLINIC, Adrian ANDRONIC	5 METHODS OF DETERMINING THE CHARACTERISTIC VALUES OF SHEAR STRENGTH PARAMETERS

No.	Paper ID	Presenter(s)	Paper Title
4.	LRE637	Nicolae CADAR, Diana PITAR, Carmen IACOBAN, Ilie-Cosmin CÂNTAR	THE INFLUENCE OF FORESTS FROM LUNCA MUREȘULUI NATURAL PARK ON GREENHOUSE GASES LEVELS
5.	LRE713	Vitaliy DYSHLYUK	COMPLEX ORGANO-MINERAL FERTILIZERS BASED ON SEWAGE SLUDGE WITH MINERAL ADDITIVES AND THEIR EFFECTIVENESS IN GROWING CORN FOR SILAGE IN THE FODDER CROP ROTATION CHAIN IN THE NORTHERN FOREST-STEPPE OF UKRAINE
6.	LRE871	Vlad CRISAN, Lucian DINCA, Virgil SCARLATESCU, Cosmin BRAGA, Gruita IENASOIU, Carmen CRISAN	PREDICTIONS ABOUT SESSILE OAK FOREST ECOSYSTEMS FROM BANAT MOUNTAINS IN THE NEXT 80 YEARS
7.	LRE884	Adela-Constanta VLADASEL (PASARESCU), Mirela-Alina SANDU, Adriana-Magdalena PIENARU	EMBEDDING LOW CARBON EMISSION INTO THE WATER INFRASTRUCTURE IN ROMANIA
8.	LRE994	Mihai Teopent CORCHEȘ	LAND DEGRADATION AND CLIMATE CHANGE
9.	LRE996	Ghiță Cristian CRAINIC, Florin COVACI, Nicu Cornel SBĂU, Silviu Ioan SICOE, Flavia IRIMIE (CIOFLAN), Marinela Florica BODOG, Călin Ioan IOVAN	WORKS SPECIFIC TO THE INTRODUCTION OF SILVOPASTORAL SYSTEMS IN THE FOREST FUND
10.	LRE1005	Marcel Daniel POPA, Ira-Adeline SIMIONOV, Ștefan-Mihai PETREA, Floricelel Maricel DIMA, Neculai PATRICHE, Catalina ITICESCU, Elena-Cristina OANCEA, Marilena-Florentina LACATUS	HEAVY METALS ACCUMULATION IN THE TISSUES OF THE COMMON REED (<i>Phragmites australis</i>)

No.	Paper ID	Presenter(s)	Paper Title
11.	LRE104	Valentina Andreea CALMUC, Madalina CALMUC, Maxim ARSENI, Ira-Adeline SIMIONOV, Alina ANTACHE, Stefania-Adelina MILEA, Catalina ITICESCU, Puiu-Lucian GEORGESCU	SPATIAL DISTRIBUTION OF PHARMACEUTICALS IN THE LOWER DANUBE RIVER WATER
12.	LRE1070	Maxim ARSENI, Octavian ROMAN, Madalina CALMUC, Valentina-Andreea CALMUC, Adrian ROSU, Stefan-Mihai PETREA, Catalina ITICESCU, Puiu-Lucian GEORGESCU	AN AUTOMATED METHOD OF FORESTRY DETERMINATION USING A UAV LIDAR-MOUNTED PLATFORM
13.	LRE1161	Paula COJOCARU, Gabriela BIALI	MANAGEMENT OF MANURE
14.	LRE1175	Adrian ROSU, Maxim ARSENI, Daniel-Eduard CONSTANTIN, Bogdan ROSU, Stefan-Mihai PETREA, Mirela VOICULESCU, Catalina ITICESCU, Puiu-Lucian GEORGESCU	STUDY OF AIR POLLUTION LEVEL IN AN URBAN AREA USING LOW-COST SENSOR SYSTEM ONBOARD MOBILE PLATFORM
15.	LRE1193	Ilie-Cosmin CÂNTAR, Nicolae CADAR, Cătălin-Ionel CIONTU	THE IMPACT OF LOGGING ACTIVITY ON RESIDUAL TREES - A CASE STUDY FROM SOUTHWEST ROMANIA
16.	LRE1301	Stefan-Mihai PETREA, Ira-Adeline SIMIONOV, Alina ANTACHE, Aurelia NICA, Cristina ANTOHI, Dragos Sebastian CRISTEA, Maxim ARSENI, Madalina CALMUC, Catalina ITICESCU	MACHINE LEARNING-BASED MODELING FRAMEWORK FOR IMPROVING ROMANIAN RESILIENCE STRATEGY TO GREENHOUSE GAS EMISSIONS IN RELATION TO VISEGRAD GROUP

No.	Paper ID	Presenter(s)	Paper Title
17.	LRE1302	Stefan-Mihai PETREA, Ira-Adeline SIMIONOV, Alina ANTACHE, Aurelia NICA, Cristina ANTOHI, Dragos Sebastian CRISTEA, Adrian ROSU, Valentina CALMUC, Bogdan ROSU	PREDICTION MODELS FOR IMPROVING WASTE DECISION SUPPORT MANAGEMENT IN ROMANIA IN ASSOCIATION WITH V4 MEMBER COUNTRIES
18.	LRE409	Mykola KHARYTONOV, Mykhailo BABENKO, Nadia MARTYNOVA	THE SOIL FERTILITY IMPROVEMENT OF THE MARGINAL LANDS DEPENDING ON KIND OF AMENDMENTS
19.	LRE1344	Dragoş DRĂCEA, Augustina Sandina TRONAC, Sebastian MUSTAŢĂ	ARE THERE OPPORTUNITIES OF USING SOLAR ENERGY IN IRRIGATION SYSTEMS?
20.	LRE285	Phassakon NUNTAPANICH	SYSTEM OF RICE INTENSIFICATION (SRI) AS THE WAY OF PRODUCTION SYSTEM FOR SMALL HOLDER FARMERS TO SUSTAINABILITY: CASE STUDY FROM THAILAND
21.	LRE578	Claudiu-Sorin DRAGOMIR, Iolanda-Gabriela CRAIFALEANU, Daniela DOBRE, Emil-Sever GEORGESCU	SPATIAL DATA RESULTING FROM THE AUTOMATION OF THE PERMANENT SEISMIC MONITORING SYSTEM
22.	LRE995	Ghiţă Cristian CRAINIC, Silviu Ioan SICOE, Flavius IRIMIE, Flavia IRIMIE (CIOFLAN), Călin Ioan IOVAN, Marinela Florica BODOG	THE PARTICULARITIES OF THE ECOLOGICAL REHABILITATION WORKS OF THE SESSILE OAK STANDS (<i>Quercus petraea</i> (Matt.) Liebl), FROM THE SEED RESERVE
23.	LRE146	Maria POPA, Mirel GLEVITZKY, Gabriela-Alina DUMITREL, Dorin POPA, Ana VÎRSTA	IMPROVING THE SYSTEM OF LOGISTICS MANAGEMENT AND SIGNALING, IDENTIFICATION, CLASSIFICATION OF NONCOMPLIANCE IN THE WATER BOTTLING INDUSTRY

No.	Paper ID	Presenter(s)	Paper Title
24.	LRE192	Krasya KOLCHEVA, Marian VARBANOV, Kristina GARTSIYANOVA	STATUS, PROBLEMS AND SOLUTIONS CONCERNING SURFACE WATER MANAGEMENT IN BULGARIA
25.	LRE542	Florin DUȚU, Laura TIRON DUȚU, Irina CATIANIS	DRAMATIC REDUCTION OF THE WATER AND SEDIMENT FLUXES IN A HUMAN MODIFIED MEANDERING ECOSYSTEM FROM THE DANUBE DELTA, ROMANIA
26.	LRE891	Bianca - Ștefania ZĂBAVĂ, Gheorghe VOICU, Gabriel - Alexandru CONSTANTIN, Paula TUDOR, Sorin CĂNĂNĂU	EFFICIENCY OF A RADIAL PRIMARY CLARIFIER FOR MUNICIPAL WASTEWATER
27.	LRE1048	Ira-Adeline SIMIONOV, Alina ANTACHE, Madalina CALMUC, Nina CONDURACHE, Miruna CODREANU, Adelina MILEA, Catalina ITICESCU, Puiu-Lucian GEORGESCU	HEAVY METALS ACCUMULATION IN PROCESSED FISH PRODUCTS AND RISK ASSESSMENT ANALYSIS ON HUMAN HEALTH
28.	LRE1049	Ira-Adeline SIMIONOV, Valentina CALMUC, Stefan-Mihai PETREA, Alina ANTACHE, Aurelia NICA, Catalina ITICESCU, Puiu-Lucian GEORGESCU, Victor CRISTEA	EVALUATION OF HEAVY METALS CONCENTRATIONS IN THE BLACK SEA TURBOT AND ELEMENTS CORRELATION ANALYSIS
29.	LRE1050	Madalina CALMUC, Valentina Andreea CALMUC, Nina Nicoleta CONDURACHE, Maxim ARSENI, Ira-Adeline SIMIONOV, Mihaela TIMOFTI, Puiu-Lucian GEORGESCU, Catalina ITICESCU	STUDY ON MICROPLASTICS OCCURRENCE IN THE LOWER DANUBE RIVER WATER

No.	Paper ID	Presenter(s)	Paper Title
30.	LRE1366	Mala-Maria STAVRESCU-BEDIVAN, Mirela Alina SANDU, Gina VASILE SCĂEȚEANU, Ana VÎRSTA, Roxana Maria MADJAR, Ștefania BAICU	PRELIMINARY REPORT ON THE WATER QUALITY, ICHTHYOFAUNA AND BIOMETRIC INDICES FOR PRUSSIAN CARP FROM IEZERUL MOSTIȘTEA LAKE, ROMANIA
31.	LRE413	Maria IHTYAROVA, Violina ANGELOVA	HEAVY METAL ACCUMULATION AND CHEMICAL COMPOSITION OF ESSENTIAL OILS OF COSTMARY (<i>Tanacetum balsamita</i> L.) CULTIVATED ON HEAVY METAL CONTAMINATED SOILS
32.	LRE608	Cristian Mugurel IORGA, Maria Cătălina ȚOPA, Mihaela Marilena STANCU	USE OF WASTE SLUDGE IN THE IMPROVEMENT OF THE QUALITY OF SOILS CONTAMINATED WITH PETROLEUM PRODUCTS
33.	LRE722	Gilda-Diana BUZATU, Ana Maria DODOCIOIU	RESEARCH ON THE HEAVY METALS CONTENT IN SOILS FROM VARVOR LOCALITY, DOLJ COUNTY
34.	LRE286	Alin CROITORU, Nicolae Ion BABUCA, Jenica CĂLINA, Aurel CĂLINA, Gabriel BĂDESCU	MODERN AND PRECISE SOLUTIONS FOR MAKING ORTHOPHOTOS WITH THE TOPOGRAPHIC DRONE, NECESSARY FOR OBSTACLE STUDIES
35.	LRE513	Laurențiu BUDĂU, Simon PESCARI, Remus CHENDEȘ, Clara-Beatrice VÎLCEANU, Sorin HERBAN	COMPARATIVE STUDY ON DIGITAL IMAGE PROCESSING FOR 3D MODELING
36.	LRE1341	Cornel Cristian TEREȘNEU, Cristian Samuel TEREȘNEU	GIS FACILITIES FOR THE AUTOMATION OF CADASTRAL DOCUMENTATIONS

No.	Paper ID	Presenter(s)	Paper Title
37.	LRE242	Petya GENKOVA, Vera STEFANOVA, Manol DALLEV	APPLICATION OF GIS IN MANAGING THE AGGREGATE COMPOSITION OF THE SOIL WITH A NEW ACTIVE WORKING BODY FOR SURFACE TREATMENT
38.	LRE1025	Adrian FILIP, Stefano CASADEI, Nicolae PETRESCU, Daniel DUNEA	AN ANALYSIS OF THE EVAPOTRANSPIRATION IN THE ARGES RIVER BASIN USING MODIS MOD16A2
39.	LRE1031	Cristina Elena MIHALACHE, Bogdan ERGHELEGIU, Mirela Alina SANDU	NOISE POLLUTION: A GIS- BASED APPROACH TO MAPPING AND ASSESSMENT
40.	LRE1083	Alina RĂDUȚU, Maria-Ioana VLAD-ȘANDRU	SAR-BASED SUBSIDENCE MONITORING IN URBAN AREAS DUE TO GROUNDWATER WITHDRAWAL FOR AGRICULTURE: A REVIEW WITH DEMOGRAFIC INDICATORS ASSESSMENT
41.	LRE1298	Denis MIHĂILESCU, Sorin Mihai CÎMPEANU	MONITORING THE VEGETATION STATE IN OLTENIA PLAIN, USING COPERNICUS LAND PRODUCTS
42.	LRE1299	Denis MIHĂILESCU, Mihaela CAIAN, Sorin Mihai CÎMPEANU	EXTREME AGROCLIMATIC INDICATORS PROJECTION UNDER CLIMATE CHANGE IN OLTENIA PLANE
43.	LRE314	Velika KUNEVA, Manol DALLEV	AN OPTIMIZATION MODEL FOR THE DELIVERY OF PLANTS TO NURSERIES
44.	LRE440	Mirela Alina SANDU, Ana VÎRSTA, Roxana Maria MADJAR, Gina VASILE SCĂEȚEANU	SCENARIO-BASED ON LEARNING ACTIVITIES DESIGNED TO PROVIDE INTERACTIVE EXPERIMENTAL LAB AT SCIENCE DISCIPLINES

No.	Paper ID	Presenter(s)	Paper Title
45.	LRE496	Mircea Răzvan MEREĂ, Simon Alexandru PESCARI, Valeriu-Augustin STOIAN, Clara-Beatrice VÎLCEANU	COMPARISON STUDY BETWEEN A CONCRETE FRAME STRUCTURE AND A MASONRY STRUCTURE FOR A FIVE- STOREY BUILDING
46.	LRE581	Alexandru Florin PITROACA, Simon Alexandru PESCARI, Valeriu-Augustin STOIAN, Clara-Beatrice VÎLCEANU	COMPARISON STUDY BETWEEN A PITCHED ROOF AND A FLAT ROOF FOR A 2-STOREY HOUSE
47.	LRE756	Cosmin Constantin NITU	DIFFERENTIALS AND APPLICATIONS TO FUNCTION APPROXIMATIONS
48.	LRE1205	Gabi Mirela MATEI, Sorin MATEI, Monica DUMITRASCU, Victoria MOCANU	ASSESSING CHARACTERISTICS OF MICROBIAL COMMUNITIES IN SOILS FROM HIGH NATURAL VALUE AGRICULTURAL SYSTEMS FROM CARAS- SEVERIN COUNTY