



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 Bucharest, Romania
- Ioan BICA - Technical University of Civil Engineering of Bucharest, Romania
- Daniel BUCUR - „Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine of Iasi, Romania
- Stefano CASADEI - University of Perugia, Italy
- Fulvio CELICO - University of Molise, Italy
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- Sorin CÎMPEANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Marcel DARJA - University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, 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
- Ilias KYRIAZAKIS - Newcastle University - United Kingdom
- Eugeniu LUCA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
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- Sevastel MIRCEA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
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- 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
- 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

- Raluca MANEA
- Ana VÎRSTA
- Andreea OLTEANU
- Mirela Alina SANDU
- Mariana Cătălina CALIN
- Constanța MIHAI
- Marinela GHEORGHE
- Florin NEACȘU

VENUE

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DETAILED PROGRAMME

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

Venue:

Faculty of Land Reclamation and Environmental Engineering
FIFIM Building, 2nd Floor, Central hall

Section Chairman:

Prof. Ana VÎRSTA

Vicedean – Faculty of Land Reclamation and Environmental Engineering

Raporteur: Lect. Mariana Catalina CALIN

Faculty of Land Reclamation and Environmental Engineering

Day 1 – Thursday, 7 June 2018

14:30 – 14:45 Opening Speeches

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

SESSION 1: PAPER PRESENTATIONS

Time: 14:45 – 16:30

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

Session Moderators: Acad. Dan BALTEANU

Prof. Wolfram MAUSER

Time	Authors	Paper Title
14:45 – 15:00	Wolfram MAUSER, Tobias HANK, Tom JAKSZTAT, Elisabeth PROBST	VIRTUAL WATER VALUES – A PROJECT FOR GLOBAL AND REGIONAL ASSESSMENT OF AGRICULTURAL YIELDS AND WATER USE EFFICIENCY
15:00 – 15:15	Elisabeth PROBST, Philipp KLUG, Wolfram MAUSER, Diana DOGARU, Tobias HANK	WATER USE EFFICIENCY OF SELECTED CROPS IN THE ROMANIAN PLAIN – MODEL STUDIES USING SENTINEL-2 SATELLITE IMAGES

Time	Authors	Paper Title
15:15 – 15:30	Violeta POENARU, Alexandru BADEA, Cristian MOISE, Iulia Florentina DANA NEGULA, Sorin Mihai CIMPEANU	ANALYSIS OF THE SENTINEL 1 AND SENTINEL 2 DATA FOR MAPPING IRRIGATED CROPS IN THE BIG ISLAND OF BRAILA
15:30 – 15:45	Diana DOGARU, Catalin LAZAR, Constanta BORONEANT	WATER AND NITROGEN USE EFFICIENCY FOR AGRICULTURAL PRODUCTION IN THE ROMANIAN PLAIN, S ROMANIA A SPATIALLY EXPLICIT CASE STUDY FOR MAIZE CROPPING SYSTEM
15:45 – 16:00	Dan BALTEANU, Constanta BORONEANT, Monica DUMITRASCU, Diana DOGARU	NEW CLIMATIC SCENARIOS AS A SUPPORT FOR A SUSTAINABLE AGRICULTURE IN THE ROMANIAN PLAIN
16:00 – 16:15	Claudiu-Valeriu ANGEARU, Anisoara IRIMESCU, Denis MIHAILESCU, Ana VIRSTA	EVALUATION OF DROUGHTS AND FIRES IN THE DOBROGEA REGION, USING MODIS SATELLITE DATA
16:15 – 16:30	Alexandra TRIF, Mihai GIDEA, Bogdan ERGHELEGIU, Alexandru BOASCA, Sorin-Mihai CIMPEANU	RESEARCH INTO THE UTILIZATION OF AERIAL IMAGING FOR EVALUATING THE STATE OF VEGETATION
16:30 – 17:00	<i>Coffee break</i>	

SESSION 2: PAPER PRESENTATIONS

Time: 17:00 – 19:00

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

Session Moderators: Prof. Raluca MANEA

Prof. Lucian COPOLOVICI

Time	Authors	Paper Title
17:00 – 17:15	Irina-Ramona PECINGINA, Roxana-Gabriela POPA	STUDY ON EVALUATING THE CONSERVATION STATUS OF SPECIES OF MAMMALS AT THE NATURAL PROTECTED AREA "GILORT RIVER"

Time	Authors	Paper Title
17:15 – 17:30	Luminita-Georgeta POPESCU, Roxana-Gabriela POPA, Emil-Catalin SCHIOPU	THE THERMAL POWER PLANT IMPACT ON THE ENVIRONMENT AND SOME POSSIBILITIES OF REDUCE IT BY ASH AND SLAG RECICLING AND REUSE
17:30 – 17:45	Zuzana BÍLKOVÁ, Karel HRICH, Jitka MALÁ, Kateřina SCHRIMPELOVÁ, Michal KRIŠKA-DUNAJSKÝ	START-UP PHASE OF DENITRIFYING BIOREACTORS USED FOR AGRICULTURAL RUNOFF TREATMENT
17:45 – 18:00	Lucian COPOLOVICI, Dana COPOLOVICI	THE INFLUENCE OF CLIMATE CHANGE ON VOLATILE ORGANIC COMPOUNDS EMISSION FROM PLANTS
18.00 – 18.15	Valentin FEODOROV	BIODEGRADABLE WASTE IN THE CURRENT ECONOMIC CONTEXT OF ROMANIA - CHALLENGES AND SOLUTIONS
18.15 - 18.30	Cristiana SIRBU	THE CURRENT STATUS OF INTERMODAL NODES AND THEIR CAPACITY IN ORDER TO DEVELOP THE TEN-T NETWORK ON THE ROMANIAN SIDE OF THE ROMANIAN-BULGARIAN CROSS-BORDER REGION
18.30 - 18.45	Mehmet Kerim GULLAP, Halil İbrahim ERKOVAN, Ali KOC	DIFFERENCES IN VEGETATION AND SOIL PROPERTIES OF THE HIGHLAND RANGELANDS GRAZED WITH SINGLE CATTLE HERD AND CATTLE+SHEEP HERDS
18.45 - 19.00	Marius SABADAS, Marcel DIRJA, Mihai MAXIM	STUDY ON IMPLEMENTED AND FUTURE PROJECTS FOR SUSTAINABLE DEVELOPMENT IN AGHIRESU AREA, CLUJ COUNTY
19:30 - 21:30	<i>Official Gala Dinner - Cultural Event</i>	

Day 2 – Friday, 8 June 2018

SESSION 3: PAPER PRESENTATIONS

Time: 09:00 – 11:00

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

Session Moderators: Dr. Delia DIMITRIU

Dr. Ion ONUTU

Time	Authors	Paper Title
09:00 – 09:15	Adela HOBLE, Daniela POPESCU, Claudiu BUNEA, Daniel CLUZEAU, Muriel GUERNION, Annegret NICOLAI, Alben FERTIL, Silvia WINTER, Johann ZALLER, Gema GUZMÁN	THE PERCEPTION OF VITICULTURAL LANDSCAPES AS A METHOD OF PROMOTING AND SUPPORTING LOCAL ECONOMIC ACTIVITIES THROUGH MULTIFUNCTIONAL LANDSCAPES
09:15 – 09:30	Delia DIMITRIU, Dumitru MOLDOVAN, Petru Stefan RUNCAN, Raluca CALAUZ	SOCIO-ECONOMIC IMPACT ASSESSMENT IN RURAL DEVELOPMENT–CASE STUDY CAMELINA PRODUCTION IN ROMANIA
09:30 – 09:45	Öner ÇETİN, Neşe ÜZEN	SUSTAINABLE STRATEGIES ON IRRIGATION MANAGEMENT FOR IRRIGATED MAIN FIELD CROPS (WINTER WHEAT, COTTON, CORN) IN GAP REGION OF TURKEY
09:45 – 10:00	Ulas SENYIGIT, Muhammet Sabit ILKHAN	RESPONSE OF ON-LINE EMITTER TO DIFFERENT WATER TEMPERATURES AND PRESSURES
10:00 – 10:15	Ion ONUTU, Mihaela TITA	SOIL CONTAMINATION WITH PETROLEUM COMPOUNDS AND HEAVY METALS - CASE STUDY
10:15 – 10:30	Luciana VRANCUTA	A POTENTIAL METHOD OF CHEMICAL REMEDIATION OF ARABLE LANDS POLLUTED WITH HEAVY METALS

Time	Authors	Paper Title
10:30 – 10:45	Anca ISPAS MUSCELEANU	RESULTS OF THE STUDY ON INTEGRATING URBANISM INFORMATION INTO THE CADASTRE AND LAND BOOK SYSTEM
10:45 – 11:00	Bogdan ERGHELEGIU, Alexandra TRIF, Raluca-Margareta MANEA, Alexandru BOASCA	THE RESTORATION AND REMODELLING OF FACADES – A PERMANENT NECESSITY FOR THE CONSERVATION OF HISTORY
11:00 – 11:30	<i>Coffee break; Viewing posters and discussions</i>	

SESSION 3 – *Parallel session*: PAPER PRESENTATIONS

Time: 09:00 – 11:00

FIFIM Building, 2nd Floor, Amphitheatre A.II.1

Session Moderators: Prof. Ana VIRSTA

Lect. Mirela SANDU

Time	Authors	Paper Title
09:00 – 09:15	Cahit GUNGOR, Gursel KUSEK, H. Kaan KUCUKERDEM, H. Huseyin OZTURK, Sinasi AKDEMİR	CARBON DIOXIDE EMISSIONS RELATED TO FUEL CONSUMPTION FOR GROUNDNUT PRODUCTION IN TURKEY
09:15 – 09:30	SENOUCI HAYET, Bounaceur FARID	A NOTE ON DIVERSITY OF ODONATA IN TIARET REGION-ALGERIA
09:30 – 09:45	Burak SALTUK, Mehmet SOLAK, Kenan KOCA, Yusuf AYDİN	IDENTIFICATION AND AVAILABILITY OF AREAS HAVING GREEN HOUSING POTENTIAL WITH GIS-MULTIPLE CRITERIA DECISION ANALYSIS: A STUDY FOR SIIRT PROVINCE
09:45 – 10:00	Gursel KUSEK, Cahit GUNGOR, H. Huseyin OZTURK, Sinasi AKDEMİR	AN ASSESSMENT OF CARBON DIOXIDE EMISSIONS RELATED TO FUEL CONSUMPTION FOR SOYBEAN PRODUCTION IN TURKEY

Time	Authors	Paper Title
10:00 – 10:15	Kamil EKİNCİ, Serdar ÜÇÖK, Barbaros S. KUMBUL, Hamdi TUNCE, Hüseyin GÜZEL	BIOMETHANE POTENTIAL OF SAFFLOWER HARVEST RESIDUES
10:15 – 10:30	Orhan A. ATAY, Kamil EKİNCİ, Hüseyin KAÇAR, Serdar ÜÇÖK, Barbaros S. KUMBUL	THERMAL PROPERTIES OF PELLETS MADE OF PEACH PIT AND LIGNITE COAL DUST
10:30 – 10:45	Phassakon NUNTAPANICH	SYSTEM OF RICE INTENSIFICATION (SRI) AS THE WAY OF PRODUCTION SYSTEM FOR SMALL HOLDER FARMERS TO SUSTAINABILITY: CASE STUDY FROM THAILAND
10:45 – 11:00	Iulia CORMAN, Ecaterina KUCHARUK, Marian BETU	IMPROVING ERODED SOIL IN THE REPUBLIC OF MOLDOVA: PROBLEMS, SOLUTIONS, PERSPECTIVES
11:00 – 11:30	<i>Coffee break; Viewing posters and discussions</i>	

SESSION 4: PAPER PRESENTATIONS

Time: 11:30 – 13:30

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

Session Moderators: Prof. Daniela POPA

Prof. Gabriel POPESCU

Time	Authors	Paper Title
11:30 – 11:45	Gabriel POPESCU, Daniela IORDAN	AN OVERALL VIEW OF LIDAR AND SONAR SYSTEMS USED IN GEOMATICS APPLICATIONS FOR HYDROLOGY
11:45 – 12:00	Cătălina BORDUN (FLOREA- GABRIAN), Argentina Teodora NERTAN, Sorin Mihai CÎMPEANU	EVOLUTION OF VEGETATION FRACTION COVER IN AGRICULTURAL AREAS AFFECTED BY PRELONGED DRAUGHTS IN THE SOUTH REGIONS OF ROMANIA

Time	Authors	Paper Title
12:00 – 12:15	Georgi KOMITOV, Ivan IVANOV, Dimitar KEHAYOV	DIGITAL MODEL OF HEATING SYSTEM FROM "GREEN ENERGY"
12:15 – 12:30	Ayşegül PARLADIR KARCI, Yusuf UCAR	USE OF REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEMS IN IRRIGATION PERFORMANCE: A CASE STUDY OF ATABEY IRRIGATION SCHEME
12:30 – 12:45	Ozan ARTUN, Hakan KAVUR	PREDICTING CUTANEOUS LEISHMANIASIS EPIDEMIOLOGY IN DIYARBAKIR USING ECOLOGICAL NICHE MODELING
12:45 – 13:00	Hakan KAVUR, Ozan ARTUN	DETERMINATION OF CUTANEOUS LEISHMANIASIS PREVALENCE AND INCIDENCE, BETWEEN 2009-2014 IN ADANA BY USING GEOGRAPHICAL INFORMATION SYSTEMS
13:00 – 13:15	Ozan ARTUN, Burak SALTUK	A GEOGRAPHIC INFORMATION SYSTEM (GIS)-BASED MULTI-CRITERIA EVALUATION FOR GREENHOUSE SITE SELECTION IN TIGRIS BASIN
13:15 – 13:30	Burak SALTUK, Ozan ARTUN	DETERMINATION OF THE WIND ENERGY POTENTIAL IN LOWER EUPHRATES BASIN BY USING GEOGRAPHICAL INFORMATION SYSTEMS (GIS)
13:30 – 14:30	<i>Lunch</i> - Viewing posters and discussions	

SESSION 4 – Parallel session: PAPER PRESENTATIONS

Time: 11:30 – 13:30

FIFIM Building, 2nd Floor, Amphitheatre A.II.1

Session Moderators: Lect. Mirela SANDU

Lect. Constanta MIHAI

Time	Authors	Paper Title
11:30 – 11:45	Setondji Yacin Wilfrid BOKO, HOUNKANRIN AUBIN ADéWALé R.L., AMOUSSOUVI VISTA K.	THE VARIOUS CATEGORIES OF ACTORS AND THEIR ROLES IN THE PROFESSIONALIZED MANAGEMENT OF WATER CONVEYANCES IN THE MUNICIPALITY OF ALLADA (Benin)
11:45 – 12:00	Nedim ÖZDEMİR, Mustafa DöNDü, Ahmet DEMIRAK, Feyyaz KESKİN	AN INVESTIGATION OF ENVIRONMENTAL PROBLEMS AND SOLUTIONS ON EXISTING LAGOONS IN MUGLA PROVINCE (TURKEY)
12:00 – 12:15	Mesut BUDAĞ, Hikmet GÜNAL, İsmail ÇELİK, HAKAN YILDIZ, Mesut SIRRI, Nurullah ACİR	SENSITIVITY TO LAND DEGRADATION OF A HIGHLY PRODUCTIVE ANCIENT AREA IN SOUTHEASTERN TURKEY
12:15 – 12:30	Aykut YOZUKMAZ, Murat YABANLI, İdris ŞENER, Hatice HASANHACIOĞLU YAPICI, Esra ÇETİN	THE EVALUATION OF PHYSICO-CHEMICAL AND MICROBIOLOGICAL WATER QUALITY OF IZTUZU BEACH (CARETTA CARETTA BEACH)
12.45-13.30	Viewing posters; Discussions; Conclusions	
13:30 – 14:30	<i>Lunch</i>	

POSTER SESSION

FIFIM Building, 2nd Floor

Moderators: Prof. Maria POPA

Lect. Mirela SANDU

Paper ID	Authors	Paper Title
1	Adrian HRUSCA, Andreea L. RACHISAN, Erich SORANTIN	LEFT VENTRICULAR VOLUME ASSESSMENT BY GEOMETRICAL MODELS IN PATIENTS OPERATED ON FOR TETRALOGY OF FALLOT
2	Adriana Elena RADU, Petru ALEXE	PERCEPTION OF ROMANIAN CONSUMER ON ORGANIC FOOD PRODUCTS
3	Adriana Mihaela CHIRILA-BABAU, Valer MICLE, Ioana Monica SUR	RESEARCH ON CADMIUM SOIL POLLUTION IN THE FORMER ALMASU MARE MINING AREA
4	Alina RADUTU, Dragos GAITANARU, Marius VLAICU, Cristina ILIESCU, Constantin Radu GOGU	VULNERABILITY ASSESSMENT OF THE ZĂTON-BULBA KARST AQUIFER, A BASIS TO DEFINE ITS PROTECTION AREAS
5	Amalia Maria SESCU, Lidia FAVIER, Gabriela CIOBANU, Sorin Mihai CIMPEANU, Razvan Ionut TEODORESCU, Maria HARJA	STUDIES REGARDING PHOTOCATALYTIC DEGRADATION OF TWO DIFFERENT ORGANIC COMPOUNDS
6	Ana Maria DODOCIOIU, Cristina BABEANU, Diana Gilda BUZATU	ENZYME ACTIVITY AS AN INDICATOR OF SOIL QUALITY IN STERILE WASTE HEAP
7	Andrada I. POPA, Monica M. COROS	STUDY ON THE POTENTIAL OF WINETOURLISM IN ALBA COUNTY
8	Aurelian Stelian HILA, Zoltán FERENCZ, Sorin Mihai CÎMPEANU	LAND SURFACE TEMPERATURE MONITORING THROUGH GIS TECHNOLOGY USING SATELLITE LANDSAT IMAGES
9	Catalina NUTESCU DUDUMAN Consuelo GÓMEZ DE CASTRO, José María GÓMEZ DE SALAZAR Y CASO DE LOS COBOS, Gabriela CIOBANU, Carmen CÎMPEANU, Maria HARJA	APPLICATION OF SOL-GEL METHOD FOR SYNTHESIS OF Ni(OH) ₂ AND NiO NANOPARTICLES

Paper ID	Authors	Paper Title
10	Claudiu Sorin DRAGOMIR, Daniela DOBRE	STRUCTURAL CHARACTERISTICS FROM MICROSEISMIC RECORDINGS AND NUMERICAL ANALYSIS
11	Crina-Adriana DRAGANESCU, Liliana GURAN	GEOTECHNICAL AND HYDROGEOLOGICAL STUDIES THAT UNDERLIE THE STABILITY OF THE LAND ON WHICH THE ROVINARI THERMAL POWER PLANT IS LOCATED
12	Daniela DOBRE, Claudiu Sorin DRAGOMIR	METHODS OF SAFETY ASSESSMENT THROUGH ANALYTICAL AND EXPERIMENTAL APPROACHES
13	Dragos DRACEA, Augustina TRONAC, Sebastian MUSTATA	FERMENTERS FUNCTIONING OPTIMIZING
14	Elena PERDUM, Emilia VISILEANU, Iuliana DUMITRESCU, Elena-Cornelia MITRAN, Ovidiu-George IORDACHE	DIFFERENT METHODS OF EXTRACTION, REDUCTION AND PURIFICATION OF AROMATIC AMINES FROM TEXTILE MATERIALS
15	Gabriela Mihaela CIUPUREANU (NOVAC), Elena CIUCIUC, Aurelia DIACONU, Alina CIUCA (PARASCHIV), Daniela POPA	CLIMATE CHANGE'S IMPACT ON SANDY SOILS AND ON THE GRAFTED WATERMELONS ADAPTATION
16	Gilda-Diana BUZATU, Ana Maria DODOCIOIU	STUDY OF HEAVY METALS IN THE SOILS OF TWO LOCALITIES IN DOLJ COUNTY
17	Iustina LATES, Alexandru-Lucian LUCA, Stefania CHIRICA, Mihail LUCA	APPLICATIONS OF GIS MODEL FOR WATER SUPPLY SYSTEMS
18	Loredana LITU, Gabriela CIOBANU, Sorin Mihai CIMPEANU, Olga KOTOVA, Ramona CIOCINTA, Daniel BUCUR, Maria HARJA	COMPARATIVE STUDY BETWEEN FLOCCULATION – COAGULATION PROCESSES IN RAW/WASTEWATER TREATMENT
19	Maria POPA, Gabriela-Alina DUMITREL, Ioana GLEVITZKY, Mirel GLEVITZKY, Dorin POPA	STUDY OF RURAL GROUNDWATER QUALITY IN BREȘTEA VILLAGE, ROMANIA

Paper ID	Authors	Paper Title
20	Martina MEZEL, Aleksandra PETROVIĆ, Vojislava BURSIC, Aleksandar JURIŠIĆ, Branka LJEVNAIĆ-MAŠIĆ	THE COPEPOD DIVERSITY (CRUSTACEA: COPEPODA) OF LUDAŠ LAKE IN VOJVODINA (SERBIA)
21	Martina MEZEL, Gorica VUKOVIĆ, Vojislava BURSIC, Aleksandra PETROVIĆ, Dušan MARINKOVIĆ, Jasna GRABIĆ, Sonja GVOZDENAC	OCCURRENCE OF CYANOBACTERIAL TOXINS IN LUDAŠ LAKE
22	Meysam ABEDINPOUR	ASSESSMENT OF GROUNDWATER QUALITY FOR DRINKING PURPOSE USING GIS
23	Milena KUŠNEROVÁ, Zuzana PALKOVÁ, Jan VALÍČEK, Marta HARNIČÁROVÁ, Sorin IONITESCU	HEAT PENETRATION PARAMETERS OF NEWLY PROPOSED THERMAL INSULATING CONCRETES FROM THE VIEWPOINT OF POWER CONSUMPTION AND ENVIRONMENTAL IMPACTS
24	Mirela SANDU, Ana VIRSTA	POLYCHLORINATED BIPHENYLS IN SOIL: EXPOSURE AND HEALTH RISK
25	Mohammed MOHAMMED	LAND USE BIOLOGICAL WATER HARVESTING AND WATER DEFICIENCY IN BAZIAN TERRITORY – KURDISTAN - IRAQ IN 2016
26	Octavian Grigore STOICA, Valer MICLE, Ioana Monica SUR	DESIGN AND EXECUTION OF AN ANTIMONY SENSOR USED FOR MONITORING OF SOIL pH
27	Ovidiu IORDACHE, Corina MOGA, Iuliana DUMITRESCU, Elena PERDUM, Elena-Cornelia MITRAN, Ana-Maria Andreea CHIVU, Mariana FERDES, Floarea PRICOP	MBBRs FUNCTIONALIZATION WITH <i>CERIOPORUS SQUAMOSUS</i>

Paper ID	Authors	Paper Title
28	Paul MACAROF, Georgiana C. BARTIC (LAZAR), Stefan GROZA, Florian STATESCU	ANALYSIS OF LST-NDVI SPARSE/DENSE VEGETATION RELATIONSHIP: A CASE STUDY OF IASI COUNTY
29	Sebastian Cristian Radu PLUGARU, Viorel DAN, Xenia Paula MENTIU	USE OF GREEN ALGAE TO REDUCE HEAVY METALS FROM INDUSTRIALLY POLLUTED WATERS
30	Stefania CHIRICA, Mihail LUCA, Iustina LATES, Alexandru-Lucian LUCA	WATER LOSS MANAGEMENT IN ORDER TO PROTECT AVAILABLE WATER RESOURCES
31	Zamfir PANTER, Gabriela ROSU, Florentina MATEI	THE EFFECT OF THE TIME OF CONTACT ON THE MICROBIOLOGICAL TREATMENT OF LEACHATE