

TABLE OF CONTENTS

SECTION 01. ENVIRONMENTAL SCIENCE AND ENGINEERING

Paper ID	Authors	Affiliation	Paper Title	Page
01	Andrada BUDUGAN ¹ , Denisa MUȚ ¹ , David ANCA ¹ , Daniel CADAR ²	¹ University of Agronomic Sciences and Veterinary Medicine of Cluj-Napoca ² Technical University of Cluj-Napoca	PERMEABILITY CHARACTERIZATION OF CONSTRUCTION MATERIALS USING ADVANCED METHODS	11-14
02	Elena Mihaela COJOCARU ¹ , Diana Andreea BENESCU ¹ , Andrei MOȚ ²	¹ University of Agronomic Sciences and Veterinary Medicine of Bucharest ² Research Center for Studies of Food Quality and Agricultural Products	THE INFLUENCE OF CONSTRUCTION MATERIALS ON SOIL C:N RATIO	15-18
03	Ionuț Mădălin COSTINESCU	University of Agronomic Sciences and Veterinary Medicine of Bucharest	USE OF SOFTWARE FOR THE ANALYSIS OF LANDSLIDE STABILITY AT NATIONAL AND INTERNATIONAL LEVEL	19-24
04	Raluca Maria DINU, Aurelian IOAN, Irina Corina DRĂGAN, Florin Ionuț PITU	University of Agronomic Sciences and Veterinary Medicine of Bucharest	HOW TO APPLY THE CONCEPT OF CIRCULAR ECONOMY AT HOME: SIMPLE - MAKE VERMICOMPOST FROM KITCHEN AND GARDEN WASTE	25-30
05	Cătălina FILOTE ^{1,2} , Isabela Maria SIMION ¹ , Maria APOSTOL ¹	¹ "Ion Ionescu de la Brad" Iasi University of Life Sciences ² "Gheorghe Asachi" Technical University of Iasi	INTEGRATED LCA-LCC ANALYSIS FOR METAL REMOVAL FROM WASTEWATERS USING MICROORGANISMS	31-34
06	Cristian GRIGORE	University of Pitești	THE INFLUENCE OF ENVIRONMENTAL FACTORS ON NATURAL RADIOACTIVITY	35-38
07	Ionela-Alexandra ION ¹ , Hugo BEEKELAAR ² , Hanna VERDUIJN ³ , Brwa Mohammed MAHMOOD ⁴ ,	¹ University of Agronomic Sciences and Veterinary Medicine of Bucharest, ² Wageningen University & Research, ³ Utrecht University,	REPOSITIONING ORGANIC WASTE STREAMS IN THE URBAN AREA	39-44

	Loredana-Iuliana SPOIALĂ ⁵	⁴ University of Miskolc, ⁵ Ramboll South East Europe SRL		
08	Andreea Denisa LAZĂR, Elena Georgiana ZLOTEA, Daniel Andrei POPA, Diana Teodora SANDU	University of Agronomic Sciences and Veterinary Medicine of Bucharest	ASSESSMENT OF THE ECOLOGICAL STATUS OF THE BUTIMANU-DÂMBOVIȚA LAKE BASED ON BIOTIC INDICES	45-50
09	Ana-Maria PREDA, Beniamin-Adelin GARVĂN, Adrian-Gabriel LECA	University of Agronomic Sciences and Veterinary Medicine of Bucharest	MAPPING NOISE POLLUTION WITH OPEN-SOURCE GIS	51-58
10	Cecilia Ionela TĂBAN ¹ , Teodora Mihaela CIRICAN ²	¹ Faculty of Agricultural Sciences, Food Industry and Environmental Protection, "Lucian Blaga" University of Sibiu ² Faculty of Sciences, "Lucian Blaga" University of Sibiu	CONTRIBUTION REGARDING THE RADIOACTIVE CONTAMINATION OF DRINKING WATER: HEALTH CONCERN, REGULATIONS, METHODS OF ASSESSMENT	59-68
11	Florin Tudor ZURINI, Aurelian IOAN, Elena ZURINI	University of Agronomic Sciences and Veterinary Medicine of Bucharest	RESPONSIBLE USE OF GROUNDWATER RESOURCES - OBTAINING ECOLOGICAL LIQUID FERTILIZERS BASED ON PLANTS FROM THE WILD FLORA OF ROMANIA	69-74
12	Elena ZURINI, Ana Maria PREDA, Ariana DÎRLECI, Alexandra BĂICOIANU, Ștefan BĂRBULESCU, Florin Tudor ZURINI	University of Agronomic Sciences and Veterinary Medicine of Bucharest	TESTING NEW STRAIN BENEFICIAL SOIL MICROBES TO IMPROVE GERMINATION, PLANT GROWTH AND PROTECTION AGAINST FUNGAL SOIL-BORNE PHYTOPATHOGENS IN PHASEOLUS VULGARIS L.	75-80
13	Elena ZURINI, Ana Maria PREDA, Florin Tudor ZURINI	University of Agronomic Sciences and Veterinary Medicine of Bucharest	STUDIES ON FINDING MICROBIAL GROWTH AND YIELD ENHANCER FOR PLANTS	81-86

SECTION 02. SUSTAINABLE DEVELOPMENT OF RURAL AREA

Paper ID	Authors	Affiliation	Paper Title	Page
14	Ana Maria PREDA, Beniamin Adelin GARVĂN	University of Agronomic Sciences and Veterinary Medicine of Bucharest	WATER QUALITY IN RURAL AREAS	89-96

SECTION 03. DISASTER MANAGEMENT

Paper ID	Authors	Affiliation	Paper Title	Page
15	Cosmin IORDACHE, Simona ADAM, Bogdan CONSTANTIN, Miruna PETRARIU	University of Agronomic Sciences and Veterinary Medicine of Bucharest	COMPLIANCE OF REINFORCED CONCRETE STRUCTURES SUBJECTED TO SEISMIC ACTION	99-104
16	Paul Cristian ZDRENGHEA, Andreea Diana CLEPE, Viktor SZALAI	Politehnica University of Timișoara	MONITORING STEEL STRUCTURES OVER TIME BY USING TERRESTRIAL LASER SCANNING TECHNIQUE FOR DISASTER PREVENTION	105- 112

SECTION 04. CADASTRE

Paper ID	Authors	Affiliation	Paper Title	Page
17	Stana-Elisabetina DRĂGULESCU-ANDREI, Sabrina-Emanuela GRIGORE, Sebastian- Constantin HNATIUC, Răzvan-Claudiu MOȚ	Politehnica University of Timișoara	CADASTRAL FOR UTILITIES IN MUNICIPAL AREA MOȘNIȚA NOUĂ	115- 122
18	Simona Ioana PÎȘEU	Transilvania University of Brasov	TECHNICAL AND LEGAL ASPECTS REGARDING FOREST RETURNS IN POIANA MĂRULUI	123- 126
19	Ioana-Alexandra POPA	University of Agronomic Sciences and Veterinary Medicine of Bucharest	SOLAR CADASTER, A SOLUTION FOR ROMANIA'S SOLAR ENERGY	127- 130

SECTION 05. FUNDAMENTAL SCIENCES

Paper ID	Authors	Affiliation	Paper Title	Page
20	Serena-Andreea BUCUR, Marius BUICA	University of Agronomic Sciences and Veterinary Medicine of Bucharest	DEPRESSION ON TEENAGERS BEFORE AND DURING THE COVID-19 PANDEMIC AND NATURAL TREATMENTS	133-136
21	Elena-Georgiana ZLOTEA, Ștefania-Cristina PANĂ	University of Agronomic Sciences and Veterinary Medicine of Bucharest	GRIGORE MOISIL – LIFE, SCIENTIFIC WORK AND WORDS OF WIT	137-144