### **TABLE OF CONTENTS**

# SECTION 01. ENVIRONMENTAL SCIENCE AND ENGINEERING

SECTION OF ENVIRONMENTAL SCIENCE AND ENGINEERING				
Paper ID	Authors	Affiliation	Paper Title	Page
01	Robert ALEXE	University of	SUPREMEGLASS – MY	11-
		Agronomic Sciences and Veterinary Medicine of Bucharest	JOURNEY AS A STUDENT AND ENTREPRENEUR	18
02	Ayodeji Olamide		SOIL EROSION: CHALLENGES	19-
	AWOTUNDE <sup>1,2</sup> , Jose Daniel DUARTE FLOREZ <sup>1,3,4</sup>	<sup>1</sup> UniLasalle, Rouen, France <sup>2</sup> Federal University of Agriculture, Abeokuta, Nigeria	AND SOLUTIONS FROM NIGERIA TO EASTERN EUROPE	24
		<sup>3</sup> Universidad de La Salle, Colombia <sup>4</sup> Universidad del Rosario, Colombia		
03	Gina-Magdalena BUJOR, Nicolae- Costin CONSTANTIN	University of Agronomic Sciences and Veterinary Medicine of Bucharest	PHYTOREMEDIATION OF CONTAMINATED LAKE USING WATER LILIES	25- 30
04	Maximus CIOLAN,	University of	WHERE HAVE YOUR PAWS	31-
	Iulian BACIU, Adrian TUDOR, Cristina NICOLAE		BEEN, MISS KITTY?	36
05	Jose Daniel	<sup>1</sup> UniLasalle, Rouen,	COMPARATIVE EVALUATION	37-
	DUARTE	France	OF WATER QUALITY	44
	FLOREZ <sup>1,3,4</sup> , Ayodeji	<sup>2</sup> Federal University	STANDARDS ACROSS FIVE	
	Olamide	of Agriculture,	COUNTRIES FOR SUSTAINABLE	
	AWOTUNDE <sup>1,2</sup>	Abeokuta, Nigeria	AQUACULTURE AND	
		<sup>3</sup> Universidad de La	IRRIGATION: A CASE STUDY	
		Salle, Colombia	OF MOARA DOMNEASCĂ	
		<sup>4</sup> Universidad del	POND, ROMANIA	
06	Mihail-Anton	Rosario, Colombia University of	SLOPE STABILITY	45-
00	GHIGA	•	CALCULATIONS FOR A	48
	31113/1	and Veterinary	PETROLEUM WELL PERIMETER	10
		Medicine of Bucharest	IN DÂMBOVIȚA COUNTY	

07	Patrik Andrei LEFTER	University of Agronomic Sciences and Veterinary Medicine of Bucharest	THE EFFECT OF THE EXPANSION OF THE WINDINDUSTRY ON THE ENVIRONMENT	49- 54
08	Ioana MANTU, Valentina ENCIU, Mihail BUZNEA	University of Agronomic Sciences and Veterinary Medicine of Bucharest	MAKE # NOT WASTING FOOD A PERSONAL RESOLUTION	55- 60
09	Florentina-Diana POPA, Mihai- Valentin GANGU	University of Agronomic Sciences and Veterinary Medicine of Bucharest	THE INFLUENCE OF SPORT COURTS ON THE ENVIRONMENT	61- 66
10	Ana-Maria PREDA, Liviu Ionuț CERCEL	University of Agronomic Sciences and Veterinary Medicine of Bucharest	THE ENVIRONMENTAL MOVEMENT QUESTIONING SUSTAINABILITY	67- 72
11	Iulian Vasile STOICAN	University of Agronomic Sciences and Veterinary Medicine of Bucharest	REHABILITATION VERSUS MODERNISATION IN THE CASE OF INVESTMENT IN IRIGATION SYSTEMS	73- 76
12	Octavian-Ciprian ZARZU	University of Agronomic Sciences and Veterinary Medicine of Bucharest	ENVIRONMENTAL IMPACT OF THE CONSTRUCTION OF THE SPA DĂMIENEȘTI PUMPING STATION, BACĂU COUNTY	77- 82

# SECTION 02. WATER RESOURCES MANAGEMENT

Paper ID	Authors	Affiliation	Paper Title	Page
13	Lucian PÂRLEA	University of Agronomic Sciences and Veterinary Medicine of Bucharest	HYDRAULIC DISCHARGERS IN WATER MANAGEMENT SCHEMES	85-90

# **SECTION 03. CADASTRE**

Paper ID	Authors	Affiliation	Paper Title	Page
14	Balázs BÖRÖCZ	Óbuda University	DETECTION OF ROBINIA PSEUDOACACIA FORESTS IN HUNGARY WITH MAHALANOBIS DISTANCE CALCULATION OF SENTINEL- 2 SATELLITE IMAGERY	93- 98
15	Andrei Cristian GHINEA	University of Agronomic Sciences and Veterinary Medicine of Bucharest	MODERN TECHNIQUES FOR TRACING A BUILDINGS AND COMPLEX BRICK STRUCTURES	99- 104
16	Raluca GHEORGHE, Elena MARIAN, Ioana ROBU (MACOVEI), Florina TUDOSĂ, Andra VIȘAN	University of Agronomic Sciences and Veterinary Medicine of Bucharest	GEO-CADASTRAL ANALYSIS OF EUROPE: ROMANIA IN COMPARATIVE CONTEXT	105- 110
17	Ágoston LENGYEL	Óbuda University	ORTHORECTIFYING ARCHIVE AERIAL PHOTOS WITH OPEN SOURCE SOFTWARES	111- 120
18	Ștefan Marius MATEI, Adrian Valentin ANA	University of Agronomic Sciences and Veterinary Medicine of Bucharest	ADAPTING SOUTH KOREEAN TRAFFIC, MANAGEMENT STRATEGIES, AI AND GIS INNOVATIONS TO IMPROVE TRAFFIC MANAGEMENT IN BUCHAREST	121- 124
19	Anca-Roxana STRUGARIU <sup>1</sup> , Gabor-Giovani LUCA <sup>2</sup> , Daniela- Ioana GUJU <sup>2</sup>	<sup>1</sup> University of Agronomic Sciences and Veterinary Medicine of Bucharest <sup>2</sup> University of Bucharest	MAPPING THE LANDSCAPE: A GIS ANALYSIS OF BORGO SAN LORENZO, ITALY	125- 132

### **SECTION 04. FUNDAMENTAL SCIENCES**

Academy of Economic	FINANCIAL LITERACY FOR	135- 140
	Studies	y .

21	Alexandru - Paul	University of	SERIES WITH	141-
	DOROBANŢU,	Agronomic Sciences	COMPUTABLE SUM	146
	Alexandru - Caius	and Veterinary		
	UNGUR	Medicine of Bucharest		
22	Alexandru MAN,	University of	APPLICATIONS OF	147-
	Paula BORDEI,	Agricultural Sciences	MATHEMATICS IN	152
	Mălina BÎRSAN,	and Veterinary	FORESTRY	
	Julia	Medicine of Cluj -		
	DEBRECZENY	Napoca		
23	Aurelian VASILE	University of	COMPREHENSIVE REVIEW	153-
		Agronomic Sciences	ON AUTOPHAGIC	162
		and Veterinary	MECHANISMS AND	
		Medicine of Bucharest	IMPLICATIONS IN	
			DISEASES OF THE	
			CENTURY	