

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI  
 FACULTATEA DE CONSTRUCȚII ȘI INSTALAȚII  
 DEPARTAMENTUL DE CĂI DE COMUNICAȚII ȘI FUNDAȚII  
 Ramura de știință: Inginerie civilă  
 Domeniul de studii: Inginerie civilă și instalații

## FIȘA DE VERIFICARE

### pentru postul de profesor universitar

**ROTARU ANCUȚA** /Data nașterii: **05.02.1962**,

Funcția actuală: **Conferențiar universitar**

Data numirii în funcția actuală: februarie 2009, **Decizia TUIASI nr. 6731/13.04.2009 (Ordinul Ministrului Educației, Cercetării și Inovării Nr.3610/03.04.2009)**,

Instituția: **Universitatea Tehnică "Gheorghe Asachi" din Iași, Facultatea de Construcții și Instalații, Departamentul de Căi de Comunicații și Fundații.**

**Tabelul 1.** Condiții minimale/punctaje obținute (în conformitate cu domeniul CNATDCU de la titularizare sau abilitare)

Criterii naționale				
Nr. crt.	Domeniul de activitate	Condiții profesor	Punctaj candidat	Concluzii
1	Activitate didactică/profesională (A1)	Minim 70 puncte	<b>414,620</b>	Criteriu îndeplinit
2	Activitate de cercetare (A2)	Minim 300 puncte	<b>650,320</b>	Criteriu îndeplinit
3	Recunoașterea și impactul activității (A3)	Minim 80 puncte	<b>1.086,652</b>	Criteriu îndeplinit
Total (A=A1+A2+A3)		Minim 450 puncte	<b>2.151,592</b>	Criteriu îndeplinit

**Scor<sub>j</sub>** – Calitatea resursei umane

Scor<sub>j</sub><sup>(U)</sup> =

$$\frac{\text{punctaj}_{CD_j^{(U)}}}{\text{punctaj minim CNATDCU}_j^{(U)}} = 2.151,592 / 450 = \mathbf{4,781}$$

**Anexa nr. 6 COMISIA DE INGINERIE CIVILĂ ȘI MANAGEMENT STANDARDE  
MINIMALE NECESARE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR  
PROFESIONALE DE CERCETARE - DEZVOLTARE**

**Tabelul 2. Structura activității candidatului**

Nr. crt.	Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategorii/ Activități	Indicatori/ Punctaj	Îndeplinirea restricțiilor impuse (unde este cazul)
1	Activitate didactică și profesională (A1)	1.1. Cărți, cursuri universitare și capitol în cărți de specialitate	1.1.1. Cărți, cursuri universitare / capitole ca autor. Profesor: minimum 2 Conferențiar: minimum 1	10 capitole internaționale	<b>14,00</b>	<b>Da</b>
				4 cărți 35 capitole naționale	<b>147,97</b>	
			1.1.2 Cărți, cursuri universitare / ca editor / coordonator	3 internaționale	<b>242,65</b>	-
				0 naționale	-	
		1.2. Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale (POS, Erasmus, Socrates, Leonardo, ș.a.)	Punctaj unic, egal cu unitatea, pentru fiecare activitate (maxim 10 activități pentru Profesor; maxim 5 activități pentru Conferențiar)	10 (selectate din 61)	<b>10,00</b>	-

Activitate de cercetare (A2)	2.1. Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings	Minim 8 articole pentru Profesor (minim 2 în reviste cu FI>1 și minim 2 în reviste cu FI>0,5) Minim 5 articole pentru Conferențiar (minim 2 în reviste cu FI>0,5)	nr. total articole: 18  nr. articole cu FI>1: 7  nr. articole cu FI>0,5: 5  nr. articole cu FI<0,5: 2  nr. articole în Proceedings ISI: 4	238,53	Da
	2.2. Articole în reviste și volumele unor manifestări științifice indexate în baze de date internaționale (Scopus, Wiley, Springer, Science Direct, IEEE, Engineering Village, Proquest, EBSCO).	Minim 12 pentru Profesor Minim 8 pentru Conferențiar	33	281,79	Da
	2.3. Brevete de invenție înregistrate la OSIM sau WIPO	-	nr. total: nr. cotate ISI:  nr. internaționale, necotate ISI:  nr. naționale:  nr. internaționale: 0	-	-
	2.4. Granturi/proiecte câștigate prin competițiile ce finanțează activități de cercetare Director/responsabil proiect	2.4.1. Director / responsabil. Minim 2 pentru Profesor Minim 1 pentru Conferențiar	nr. internaționale: 1	60,00	Da
			nr. naționale: 4	50,00	
		2.4.2. Membru în echipa de implementare a grantului	nr. internaționale: 0	-	-
			nr. naționale: 3	20,00	-
	2.5. Responsabil de proiecte de cercetare/consultanță	-	-	-	-

	Recunoașterea și impactul activității (A3)			3.1.1 nr. citări în reviste unor cotate ISI: 68	873,452	Da
				3.1.2 nr. citări în volumele unor manifestări științifice indexate ISI: 4	3,74	
				3.1.3 nr. citări în reviste cotate BDI: 27	20,70	
				3.1.4 nr. citări în volumele unor manifestări științifice indexate BDI: 20	9,76	
		3.2. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat pentru a susține module de curs/prelegeri (exclusiv ERASMUS)	Punctaj unic pentru fiecare activitate (maxim 10 activități pentru Profesor; maxim 5 activități pentru Conferențiar)	internaționale: 10	100,00	Da
				naționale: –	–	
		3.3. Membru în colective de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice; Recenzor pentru reviste și manifestări științifice (punctajele sunt unice pentru fiecare categorie și se	3.3.1 – minimum 2 colective de redacție și minimum 8 recenzii	Membru în colective de redacție sau recenzor pentru reviste cotate ISI: 1 + 4 (internaționale)	20,00+	Da
			3.3.2 – minimum 2 colective de redacție și minimum 8 recenzii	Membru în colective de redacție sau recenzor pentru reviste indexate BDI: 1 + 4 (internaționale)	6,00	

		acordă doar dacă sunt îndeplinite cerințele minimale specificate în coloana alăturată. În cazul revistelor, comitetelor și manifestărilor științifice internaționale valorile minime specificate se împart la 2)	3.3.3 – minimum 2 comitete științifice și minimum 12 recenzii	2 comitete științifice 6 recenzii (internaționale, selecție)	8,00	
		3.4. Experiența de management universitar sau de cercetare	3.4.1 Funcții de conducere (rector, prorector, decan, prodecan, director de departament, director școală doctorală, director general, director științific, șef secție, șef laborator)	Administrator șef facultate – Facultatea de Construcții și Instalații, TUIASI 9 ani	45,00	-
			3.4.2 Membru în organisme de conducere (senat, consiliul facultății, consiliul științific)	Membru invitat Consiliul Facultății de Construcții și Instalații (ian.1999-oct. 2007) 9 ani	-	-
<b>Punctaj total</b>					<b>2.151,592</b>	

12 decembrie 2022

#### DETALIERE INDICATORI

#### Activitate didactică și profesională (A1)

1.1. Cărți, cursuri universitare și capitole în cărți de specialitate

1.1.1 Cărți, cursuri universitare / capitol ca autor (cu ISBN)

1.1.1.1. Internaționale

Punctaje Nr.pp/(2xnr autori)	Cărți de specialitate/Capitole de cărți (titlul, autorii, nr. pagini, Editura, ISBN)	Nr. pagini
1	2	3
- (vezi 2.1.16)	Cornel Panait, Eugen Bârsan, Aida Bulucea, Nikos Mastorakis, Charles Long, Marius Mosoarcă, <b>Ancuța Rotaru</b> – Advances in Environmental and Geological Science and Engineering – capitolul „Some Geo-aspects of the Black Sea Basin”, pp.169-174, Published by World Scientific and Engineering Academy and Society Press (WSEAS Press), ISBN: 978-960-474-221-9, 2010. <a href="http://www.wseas.org/multimedia/books/2010/Constantza/EG.pdf">http://www.wseas.org/multimedia/books/2010/Constantza/EG.pdf</a>	6
- (vezi 2.2.18)	<b>Ancuța Rotaru</b> , Vasile Boboc - Recent Advances in Electrical Engineering – capitolul ‘Physical Properties of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania – A Cement-like Material for Substructure Works’ - ISBN: 978-960-474-182-3, pp.187-193, World Scientific and Engineering Academy and Society Press (WSEAS Press), 2010. <a href="http://www.wseas.us/e-library/conferences/2010/Bucharest/RIMA/RIMA-33.pdf">http://www.wseas.us/e-library/conferences/2010/Bucharest/RIMA/RIMA-33.pdf</a>	6
- (vezi 2.2.19)	Vasile Boboc, <b>Ancuța Rotaru</b> , Andrei Boboc - Recent Advances in Electrical Engineering – capitolul „Mechanical Properties of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania – A Cement-like Material for Substructure Works” ISBN: 978-960-474-182-3, pp.187-193, World Scientific and Engineering Academy and Society Press (WSEAS Press), 2010. <a href="http://www.wseas.us/e-library/conferences/2010/Bucharest/RIMA/RIMA-32.pdf">http://www.wseas.us/e-library/conferences/2010/Bucharest/RIMA/RIMA-32.pdf</a>	6
- (vezi 2.1.18)	<b>Ancuța Rotaru</b> , Daniel Oajdea, Paulică Răileanu - Environmental Problems and Development – Energy and Environmental Engineering Series – capitolul „Dynamics of a landslide surface”, ISBN: 978-960-474-023-9, World Scientific and Engineering Academy and Society Press (WSEAS Press), 2008. <a href="http://www.worldses.org/books/2008/bucharest2/environmental-problems-and-development.pdf">http://www.worldses.org/books/2008/bucharest2/environmental-problems-and-development.pdf</a>	6
3,00	<b>Ancuța Rotaru</b> , 2010, Swelling-shrinking Phenomena Recorded on Bahlui Clay Iasi, Development of Urban Areas and Geotechnical Engineering, Vladimir Ulitsky, Michael Lisyuk, Alexei Shashkin (eds.), vol.2, pp.443-448, Published by NPO „Geoconstruction-Fundamentproject”, Saint Petersburg, ISBN 978-5-9900771-4-0	6
4,50	<b>Ancuța Rotaru</b> , 2010, Some Processes Responsible for Difficult Foundation Soils in Iasi, Romania, „From research to design in European practice“, Jana Frankovská, Jozef Hulla, Martin Ondrášik, Peter Turček (eds.), Published by Slovak University of Technology, Bratislava, Slovakia, ISBN 978-80-227-3279-6.	9
1,50	<b>Ancuța Rotaru</b> , Ana Nicuță, 2008, Some processes responsible for landslides, Jubilee VSU 2008, Vo.2, pp.VII-65 – VII-70, University of Structural Engineering and Architecture "Lyuben Karavelov" Publishing House, ISBN 978-954-331-020-3	6
1,25	Ana Nicuță, <b>Ancuța Rotaru</b> , 2008, Analysis of the liquefied soils, Jubilee VSU 2008, Vo.2, pp.VII-71 – VII-75, University of Structural Engineering and Architecture "Lyuben Karavelov" Publishing House, ISBN 978-954-331-020-3.	5
2,50	<b>Ancuța Rotaru</b> , Paulică Răileanu, 2004, Seismic Waves Propagation in Soil Deposits Taking into Account of Soil Stratification, VSU 2004, Vol.1, University of Structural Engineering and Architecture "Lyuben Karavelov" Publishing House, Sofia, Bulgaria, pp.I-90 - I-99, 2004, ISBN 954-91127-7-2(2)	10
1,25	<b>Ancuța Rotaru</b> , Traian-Dănuț Babor, 2004, Some Criteria for Liquefaction and the Influence of the Geologic Time in Liquefaction Process, VSU 2004, Vol.2, University of Structural Engineering and Architecture "Lyuben Karavelov" Publishing House, Sofia, Bulgaria, p.IV-67 – IV-71, 2004, ISBN 954-91127-6-4(1)	5
<b>14,00</b>	<b>TOTAL 1.1.1.1.</b>	

### 1.1.1.2. Naționale

Rezultate (punctaje) Nr.pp/(5xnr autori)	Cărți de specialitate/Capitole de cărți (titlul, autorii, nr. pagini, Editura, ISBN)	Nr. pagini
1	2	3
	<b>Cărți de specialitate</b>	
22,00	<b>Ancuța Rotaru</b> , <i>External Risks Behind Building Decay</i> , Editura Societății Academice "Matei-Teiu Botez" Iași, ISBN 978-606-582-144-6, 110 pg., 2022	110
44,40	<b>Ancuța Rotaru</b> , <i>Starea de tesiuni în masivele de pământ ce suportă construcții</i> , Editura Societății Academice "Matei-Teiu Botez" Iași, ISBN 978-8955-48-6, 222 pg., 2009	222
28,10	<b>Ancuța Rotaru</b> , Paulică Răileanu, <i>Elemente de geologie</i> , Editura Societății Academice "Matei-Teiu Botez" Iași, ISBN 973-7962-42-7, 281 pg., 2004	281
31,20	<b>Ancuța Rotaru</b> , Paulică Răileanu, <i>Geotechnics – Laboratory Works</i> , Editura Societății Academice "Matei-Teiu Botez" Iași, ISBN 973-7962-51-6, 312 pg., 2004	312
	<b>Capitole de cărți</b>	
0,30	Alexandru Timu, G.Bejan, Marinela Bărbuță, <b>Ancuța Rotaru</b> , 2018, Effects of Aggregate Substitution on the Characteristics of Lightweight Polymer Concrete – "Tradition and Innovation - 65 Years of Constructions in Transilvania", U.T.Press, Cluj-Napoca, ISBN 978-606-737-326-4.	6
0,30	Vlad Așuencei, Daniel Alupoae, <b>Ancuța Rotaru</b> , Paulică Răileanu, 2011, Considerations on the Hydrostatic Level of Moinești Area, Romania, "DEDUCON – Sustainable Development in Civil Engineering", Dedicated to the 70 Anniversary of Higher Education in Civil Engineering at Iași, Editura Societății Academice „Matei-Teiu Botez”, Iasi, ISBN 2248-0293	6
0,50	<b>Ancuța Rotaru</b> , Paulică Răileanu, 2009, Landslide in Parcovaci, Iasi County, "Managing Operational Risk on Roads", pp.156-160, Editura Impakt, ISBN 978-973-87102-1-4	5
0,20	Vasile Boboc, Radu Andrei, <b>Ancuța Rotaru</b> , Elena Pușlău, Andrei Boboc, A.Amarie, 2009, PIARC Methodology of Identification and Evaluation of the Risk on the Road Network, „Managing Operational Risk on Roads”, pp.150-155, Editura Impakt, ISBN 978-973-87102-1-4	6
0,40	<b>Ancuța Rotaru</b> , Vasile Boboc, 2008, Calculul tensiunilor de forfecare dintr-un masiv de pământ, determinate de o suprafață încărcată, utilizând metoda sectorului, „Probleme actuale ale urbanismului și amenajării teritoriului”, Sergiu Calos (ed.), Vol.I, Secția Drumuri, materiale și mecanizarea construcțiilor, pp.197-200, Editura CEP a Universității de Stat din Moldova, Chișinău, ISBN 978-9975-70-775-6	4
0,80	<b>Ancuța Rotaru</b> , 2007, Some consideration upon Landslide Repair and Correction, Adapting Road Earthworks to the Local Environment, N. Tăutu, C. Ionescu, R. Andrei, R. Scânteie (eds.), Colecția Manifestări Științifice, Editura Societății Academice "Matei-Teiu Botez", Iasi, pp.235-248, 2007, ISBN 978-9738955-09-7	4
0,40	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru, 2004, Particularități ale curgerii lente la argile, „Probleme actuale ale urbanismului și amenajării teritoriului”, Vol.3, Secția Drumuri, materiale și mecanizarea construcțiilor, pp.244-249, 2004, Editura CEP a Universității de Stat din Moldova, Chisinau, ISBN 9975-70-445-X	6
0,40	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru, 2004, Expresiile funcțiilor tensiune-deformație-timp ce caracterizează curgerea lentă la pământuri, „Probleme actuale ale urbanismului și amenajării teritoriului”, Vol.3, Secția Drumuri, materiale și mecanizarea construcțiilor, pp.250-255, Editura CEP a Universității de Stat din Moldova, Chisinau, ISBN 9975-70-445-X	6

0,60	<b>Ancuța Rotaru</b> , Paulică Răileanu, 2004, De ce este necesară cunoașterea stării de tensiuni în masivele de pământ acționate de construcții ingineresti, „Știința și învățământul – fundamente ale secolului al XXI-lea”, Vol.IV, pp.139-144, Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, Sibiu, ISBN 973-7809-04-1	6
0,60	<b>Ancuța Rotaru</b> , Paulică Răileanu, 2004, Deformațiile axiale și $K_0$ determinate pe probe de argilă saturată normal consolidată anizotrop supusă la încercări de încărcare-descărcare, „Știința și învățământul – fundamente ale secolului al XXI-lea”, Vol.IV, pp.139-144, Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, Sibiu, ISBN 973-7809-04-1	6
0,70	<b>Ancuța Rotaru</b> , Traian Dănuț Babor, 2004 Basic Concepts and Methods of Probability in Geotechnical Engineering, “Performance Based Engineering for 21 <sup>st</sup> Century”, Multidisciplinary Center for Education, Research and Quality Management, pp. 342-348, Editura Cermi, ISBN 973-667-063-5.	7
0,70	<b>Ancuța Rotaru</b> , Traian Dănuț Babor, 2004, Stability Coefficients versus Stability Evaluation using Finite Element-Neural Network Hybrid Algorithms for Earth Slopes Analysis, “Computational Civil Engineering. 2004”, pp.236-242, Editura Societății Academice „Matei-Teiu Botez”, Iasi, ISBN 973-7962-50-8	7
0,70	<b>Ancuța Rotaru</b> , Traian Dănuț Babor, 2004, Deformability Analysis of Rock for Homogenous and Discontinuous Multi-Crack Masses, “Computational Civil Engineering”, Editura Societății Academice „Matei-Teiu Botez”, Iasi, pp.229-235, ISBN 973-7962-50-8	7
0,80	Traian Dănuț Babor, <b>Ancuța Rotaru</b> , 2004, Fault Trees, “Computational Civil Engineering”, pp.194-201, Editura Societății Academice „Matei-Teiu Botez”, Iasi, ISBN 973-7962-50-8	8
0,90	Traian Dănuț Babor, <b>Ancuța Rotaru</b> , 2004, Unitary Methodology of Investigation, “Computational Civil Engineering. 2004”, Editura Societății Academice „Matei-Teiu Botez”, Iasi, pp.202-210, ISBN 973-7962-50-8	9
1,60	<b>Ancuța Rotaru</b> , 2004, Stabilirea unor relații între tensiunea efectivă și umiditate la argilele saturate, A X-a Conferință Națională de Geotehnică și Fundații, București, Vol.1, pp.141-148, Editura Conspress, ISBN 973-7797-20-5	8
0,60	<b>Ancuța Rotaru</b> , Paulică Răileanu, 2004, Comportarea argilelor la încărcare ciclică, A X-a Conferință Națională de Geotehnică și Fundații, București, 16-18 septembrie 2004, Vol.1, pp.153-158, Editura Conspress, ISBN 973-7797-20-5	6
0,80	<b>Ancuța Rotaru</b> , 2004, Încercări la tensiune pe probe de argilă saturată normal consolidată anizotrop supusă la încercări de încărcare-descărcare asupra rezistenței și deformațiilor în timp ale pământurilor, CIB 2004, Vol.2, Editura Universității Transilvania-Brașov, pp.219-222, ISBN 973-635-411-3	4
0,30	<b>Ancuța Rotaru</b> , Traian-Dănuț Babor, Paulică Răileanu, Petru Rotaru, 2004, Influența particularităților stării de tensiuni asupra rezistenței și deformațiilor în timp ale pământurilor, CIB 2004, Vol.2, Editura Universității Transilvania-Brașov, pp.161-166, ISBN 973-635-411-3	6
0,40	Traian-Dănuț Babor, <b>Ancuța Rotaru</b> , Petru Rotaru, 2004, Inside Corrosion of Hot Water System of Pipelines, CIB 2004, Vol.1, Editura Universității Transilvania-Brașov, pp.299-304, ISBN 973-635-410-5	6
0,40	<b>Ancuța Rotaru</b> , Traian-Dănuț Babor, 2004, Building Shapes and Heat Loss or Gain, CIB 2004, Brașov, 18 – 19 noiembrie 2004, Vol.2, Editura Universității Transilvania-Brașov, pp.219-222, ISBN 973-635-411-3	4
0,60	<b>Ancuța Rotaru</b> , Paulică Răileanu, 2004, Alunecările de teren – catastrofe majore, „Disaster and Pollution Monitoring”, Pollution Section, Editura Performantica, pp.357-362, ISBN 973-730-004-1	6
1,20	<b>Ancuța Rotaru</b> , 2004, Knowing the Complex of Consequences Produced by Earthquakes in order to Increase the Safety of Buildings, “New Solutions for Essential Requirements in Buildings”, pp.160-165, Editura Societății Academice „Matei-Teiu Botez”, Iasi, ISBN 973-7962-49-4	6



1,80	<b>Ancuța Rotaru</b> , 2004, Systems for the remediation of the Quality of the Contaminated Groundwater, "New Solutions for Essential Requirements in Buildings" (SIEC), pp.174-182, Editura Societății Academice „Matei-Teiu Botez”, Iasi, ISBN 973-7962-49-4	9
0,50	Paulică Răileanu, <b>Ancuța Rotaru</b> , 2004, Caracteristicile terenului de fundare pentru Mănăstirea Trei Ierarhi din Iași, SELC Ediția a XVI-a, Editura MANDELY București, ISBN 973-85681-8-8, pp.47-51, 2004	5
0,40	<b>Ancuța Rotaru</b> , Paulică Răileanu, Influența anizotropiei terenurilor de fundare asupra stării de tensiuni, A X-a Conferință Națională de Geotehnică și Fundații, București, 16-18 septembrie 2004, Vol.1, pp.149-152, 2004, ISBN 973-7797-20-5	4
1,10	Paulică Răileanu, <b>Ancuța Rotaru</b> , 2004, Studii privind caracteristicile terenului de fundare pentru amplasamentul bisericii Trei Ierarhi din Iași, „Monumentul – tradiție și viitor” Ed. V, pp.261-271, Editura Trinitas Iași, ISBN 973-8179-57-2	11
0,47	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru, 2001, Folosirea deșeurilor la realizarea fundațiilor lucrărilor de infrastructuri pentru transporturi rutiere, „Infrastructuri eficiente pentru transporturile terestre”, Vol.II, pp.487-493, Editura SOLNESS Timișoara, ISBN 973-8145-41-4	7
0,60	<b>Ancuța Rotaru</b> , Petru Rotaru, 2001, Considerații asupra influenței anizotropiei în determinarea stării de tensiuni în masivele de pământ, „Realizări și perspective în activitatea de construcții și în învățământul de specialitate”, Vol.I, Secțiunea C Geotehnică, topografie, căi de comunicații, pp.93-98, Editura Societății Academice „Matei-Teiu Botez”, ISBN 973-85050-4-6	6
0,80	Paulică Răileanu, <b>Ancuța Rotaru</b> , 2001, Folosirea deșeurilor în ingineria geotehnică, Tehnomil 2001, Subsecțiunea 1.4.b Chimie. Ecologie. Geniu. Construcții. Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, pp. 47-54, 2001, ISBN 973-8088-48-8	8
0,53	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru, 2001, Depozite geotehnice de adâncime pentru stocarea deșeurilor nucleare, Tehnomil 2001, Subsecțiunea 1.4.b Chimie. Ecologie. Geniu. Construcții, pp.63-70, Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, ISBN 973-8088-48-8	8
0,53	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru, 2001, Asupra posibilităților de protecție a apei subterane și folosirea ei în scopuri ecologice, Tehnomil 2001, Subsecțiunea 1.4.b Chimie. Ecologie. Geniu. Construcții, pp.55-62, Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, ISBN 973-8088-48-8	8
0,67	<b>Ancuța Rotaru</b> , Paulică Răileanu, Ahmad Talhouni, Aspecte teoretice și de calcul privind starea de tensiune a pământurilor supuse la încercări dinamice, A IX-a Conferință Națională de Geotehnică și Fundații, Cluj-Napoca, 27-29 septembrie 2000, Vol.I, pp.247-256, Editura U.T. PRES, ISBN 973-9471-58-7	10
0,40	<b>Ancuța Rotaru</b> , Paulică Răileanu, Influența anizotropiei masivelor de pământ acționate de construcții inginerești în determinarea distribuției tensiunilor în teren, A VIII-a Conferință Națională de Geotehnică și Fundații, Iași, 25-28 septembrie 1996, Vol.II, pp.629-632, Editura ANKAROM, ISBN 973-97898-3-8	4
0,27	<b>Ancuța Rotaru</b> , Paulică Răileanu, Ana Nicuță, Influența stratificației terenului în determinarea stării de tensiuni și alegerea sistemului de fundare, A VIII-a Conferință Națională de Geotehnică și Fundații, Iași, 25 - 28 septembrie 1996, Vol.2, pg.625 – 628, Editura ANKAROM, ISBN 973-97898-3-8	4
<b>(22,27)</b>		
<b>147,97</b>	<b>TOTAL 1.1.1.2.</b>	

## 1.1.2 Cărți, cursuri universitare / capitole de cărți ca editor / coordonator

### 1.1.1.1. Internaționale

Rezultate (punctaje) Nr.pp/(3xnr autori)	Cărți de specialitate/Capitole de cărți (titlul, autorii, nr. pagini, Editura, ISBN)	Nr. pagini
1	2	3
11,43	Advances in Environmental and Geological Science and Engineering – Editors: Cornel Panait, Eugen Bârsan, Aida Bulucea, Nikos Mastorakis, Charles Long. Associate editors: Marius Mosoarcă, <b>Ancuța Rotaru</b> , Published by World Scientific and Engineering Academy and Society Press (WSEAS Press), ISBN: 978-960-474-221-9, 2010. <a href="http://www.wseas.org/multimedia/books/2010/Constantza/EG.pdf">http://www.wseas.org/multimedia/books/2010/Constantza/EG.pdf</a>	240
205,00	Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment (CRIT-RE-BUILT), Springer Series in Geomechanics and Geoengineering, <b>Ancuța Rotaru</b> , Editor, Springer Nature Switzerland Publishing House, ISBN 978-3-030-61117-0, 2020. <a href="https://www.springer.com/gp/book/9783030611170">https://www.springer.com/gp/book/9783030611170</a>	615
26,22	Studies on Sustainable Rehabilitation of the Built Environment, <i>Sustainability</i> Special Issue, journal impact factor 3.889, Editors: Dashnor Hoxha, <b>Ancuța Rotaru</b> , Wei Wu, MDPI Academic Open Access Publishing, 2022. <a href="https://www.mdpi.com/journal/sustainability/special_issues/sustainable_rehabilitation_built_environment">https://www.mdpi.com/journal/sustainability/special_issues/sustainable_rehabilitation_built_environment</a>	236
-	Knowledge Transfer in the Sustainable Rehabilitation and Risk Management of the Built Environment (KNOW-RE-BUILT), Springer Series in Geomechanics and Geoengineering, <b>Ancuța Rotaru</b> , Editor, Springer Nature Switzerland Publishing House, <i>in press</i> .	492
242,65	<b>TOTAL 1.1.2.</b>	

## 1.2. Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale.

Maximum 10 activități

Nr crt	Rezultate (punctaj)	Denumirea programului (selecție)
0	1	2
1	1,00	Program Erasmus+ KA103 – Brno University of Technology, Brno, Rep. Cehă 2011/2014; 2014/2021
2	1,00	Program Erasmus+ KA103 – Universite Lille 1, Lille, Franța 2011/2014; 2015/2021
3	1,00	Program Erasmus+ KA103 – Fachhochschule Koln, Koln, Germania; 2011/2014; 2014/2021
4	1,00	Program Erasmus+ KA103 – Universita degli Studi di Padova, Padova, Italia; 2012/2014; 2014/2021
5	1,00	Program Erasmus+ Ka103 – Universidad Politecnica de Madrid, Spania; 2011/2014; 2014/2021
6	1,00	Program Erasmus+ KA107 – Indian Institute of Technology Bombay (IITB), Mumbai, India 2016/2021
7	1,00	Program Erasmus+ KA107 – Tsinghua University, Beijing, China 2016/2021
8	1,00	Program Erasmus+ KA107 – Universidad Andres Bello, Santiago de Chile, Chile 2016/2021
9	1,00	Program Erasmus+ KA107 – University of Pretoria, Pretoria, Africa de Sud 2016/2021
10	1,00	Program Erasmus+ KA107 – Mohammed 5 University, Rabat, Maroc 2016/2021
	<b>10,00</b>	<b>TOTAL 1.2*</b>

\*Pentru runda 2016/2018, am coordonat în proporție de 100% fondurile Erasmus+ KA107 pentru mobilități câștigate de Universitatea Tehnică „Gheorghe Asachi” din Iași cu țări partenere în urma depunerii aplicației Erasmus+ KA107, iar 100% din aceste fonduri au fost absorbite.

<b>TOTAL Activitate didactică și profesională (A1)</b>	<b>414,62</b>
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## Activitatea de cercetare (A2)

### 2.1. Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings

1	<b>Ancuța Rotaru</b> , Bejan Florin, Dalia Almohamad, 2022, Sustainable Slope Stability Analysis: A Critical Study on Methods, Sustainability, <b>14</b> , no. 14: 8847. <a href="https://doi.org/10.3390/su14148847">https://doi.org/10.3390/su14148847</a>	$(25 + 20 \times 3,889)/3 = 34,26$
2	Dashnor Hoxha, Brahim Ismail, <b>Ancuța Rotaru</b> , David Izabel, Thibaut Renaux. 2022, Assessment of the Usability of Some Bio-Based Insulation Materials in Double-Skin Steel Envelopes, Sustainability, <b>14</b> , no. 17: 10797. <a href="https://doi.org/10.3390/su141710797">https://doi.org/10.3390/su141710797</a>	$(25 + 20 \times 3,889)/5 = 20,56$
3	Sergiu-Mihai Alexa-Stratulat, Daniel Covatariu, Ana-Maria Toma, <b>Ancuța Rotaru</b> , Gabriela Covatariu, Ionuț-Ovidiu Toma, 2022, Influence of a Novel Carbon-Based Nano-Material on the Thermal Conductivity of Mortar, Sustainability, <b>14</b> , no. 13: 8189. <a href="https://doi.org/10.3390/su14138189">https://doi.org/10.3390/su14138189</a>	$(25 + 20 \times 3,889)/6 = 17,13$
4	George Taranu, Vasile-Mircea Venghiac, Ioana Olteanu-Dontov, <b>Ancuța Rotaru</b> , Ionuț-Ovidiu Toma, 2022, Sustainable Design for CFS Structures: Experimental Data and Numerical Models of Hinged Connections, Sustainability, <b>14</b> , no. 13: 7813. <a href="https://doi.org/10.3390/su14137813">https://doi.org/10.3390/su14137813</a>	$(25 + 20 \times 3,889)/5 = 20,56$
5	Hajar Kaddouri, Toufik Cherradi, Ibtissam Kourdou, <b>Ancuța Rotaru</b> , Nicolae Țăranu, Marinela Bărbuță, 2021, Tensile behaviour of glass fibres reinforced cementitious matrix for masonry strengthening, Romanian Journal of Materials, <b>51</b> (4): 520 – 527. <a href="https://solacolu.chim.upb.ro/pg520-527.pdf">https://solacolu.chim.upb.ro/pg520-527.pdf</a>	$(25 + 20 \times 0,563)/6 = 6,04$
6	Yasmina Ed-Dariy, Nouzha Lamdouar, Toufik Cherradi, <b>Ancuța Rotaru</b> , Marinela Barbuță, Petru Mihai, 2021, The Influence of the Curing Conditions on the Behavior of Jute Fibers Reinforced Concrete Cylinders, Periodica Polytechnica Civil Engineering, <b>65</b> (4): 1162–1173. <a href="https://pp.bme.hu/ci/article/view/18331/9137">https://pp.bme.hu/ci/article/view/18331/9137</a>	$(25 + 20 \times 1,361)/6 = 8,70$
7	Sanaa El Malyh, Azzeddine Bouyahyaoui, Toufik Cherradi, <b>Ancuța Rotaru</b> , 2021, Experimental investigation on bond strength of CFRP applied to masonry prism, Romanian Journal of Materials, <b>51</b> (3): 456-463. <a href="https://solacolu.chim.upb.ro/pg456-463.pdf">https://solacolu.chim.upb.ro/pg456-463.pdf</a>	$(25 + 20 \times 0,563)/4 = 9,07$
8	Yasmina Ed-Dariy, Nouzha Lamdouar, Toufik Cherradi, <b>Ancuța Rotaru</b> , Marinela Barbuță, Petru Mihai, 2020, Effect of alkali treatment of Jute fibers on the compressive strength of normal-strength concrete members strengthened with JFRP composites, Journal of Applied Science and Engineering, <b>23</b> (4): 677-685. <a href="http://jase.fku.edu.tw/articles/jase-202012-23-4-12.pdf">http://jase.fku.edu.tw/articles/jase-202012-23-4-12.pdf</a>	$(25 + 20 \times 0,280)/6 = 5,10$
9	Hajar Kaddouri, Toufik Cherradi, Ibtissam Kourdou, <b>Ancuța Rotaru</b> , Nicolae Țăranu, Petru Mihai, 2020, Fabric-reinforced Cementitious Matrix (FRCM) versus Fibre-reinforced Plastic (FRP) in Unreinforced Masonry Walls Subjected to Diagonal Compression, Romanian Journal of Materials, <b>50</b> (3): 429 – 437. <a href="http://solacolu.chim.upb.ro/pg429-437.pdf">http://solacolu.chim.upb.ro/pg429-437.pdf</a>	$(25 + 20 \times 0,542)/6 = 5,97$
10	Monther Abdelhadi, <b>Ancuța Rotaru</b> , Nafeth Abdel Hadi, Nicolae Țăranu, Andrei Boboc, Oana Mihaela Banu, 2019, The Influence of Bituminous Oil Shale Ashes on the Characteristics of Stabilized Silty-sandy Brown Clays, Romanian Journal of Materials, <b>49</b> (4): 581-590. <a href="http://solacolu.chim.upb.ro/pg581-590.pdf">http://solacolu.chim.upb.ro/pg581-590.pdf</a>	$(25 + 20 \times 0,628)/6 = 6,26$
11	<b>Ancuța Rotaru</b> , Vasile Boboc, Nicolae Țăranu, Monther Abdelhadi, Andrei Boboc, Oana-Mihaela Banu, 2019, The compressive behaviour of aggregates cemented with	$(25 + 20 \times 0,650)/6 = 6,33$

	fly ash collected from coal-fired power plants, Romanian Journal of Materials, <b>49</b> (1): 141-147. <a href="http://solacolu.chim.upb.ro/p141-147.pdf">http://solacolu.chim.upb.ro/p141-147.pdf</a>	
12	Daniel Lepadatu, D.I. Morariu, Toufik Cherradi, <b>Ancuța Rotaru</b> , Loredana Judele, 2019, Smart Technology Optimization by Multicriteria Analysis of Civil Engineering Structure in Service Stage through Topo-Geodetic Monitoring, SCA '19: Proceedings of the 4th International Conference on Smart City Applications, Casablanca, Morocco, October 2019. <a href="https://dl.acm.org/doi/abs/10.1145/3368756.3369055">https://dl.acm.org/doi/abs/10.1145/3368756.3369055</a> <a href="https://www.scopus.com/authid/detail.uri?authorid=26022121700">https://www.scopus.com/authid/detail.uri?authorid=26022121700</a>	25/5 = 5,00
13	Giovanni Zanvetto, Alexandru Timu, <b>Ancuța Rotaru</b> , Liliana Bejan, Marinela Barbuță, 2019, Tensile Properties of Green Polymer Concrete, The 12th International Conference Interdisciplinarity in Engineering, Procedia Manufacturing <b>32</b> (2019) 248–252, ScienceDirect, Published by Elsevier. <a href="https://www.sciencedirect.com/journal/procedia-manufacturing/vol/32">https://www.sciencedirect.com/journal/procedia-manufacturing/vol/32</a>	25/5 = 5,00
14	Monther Abdelhadi, <b>Ancuța Rotaru</b> , Maria Gavrilescu, Nicolae Țăranu, 2018, Compressive Strength Analysis on Problematic Soils Stabilized with Fly Ash in Jordan, Environmental Engineering & Management Journal (EEMJ) <b>17</b> (8): 1855-1861. <a href="http://eemj.eu/index.php/EEMJ/article/view/3648">http://eemj.eu/index.php/EEMJ/article/view/3648</a>	$(25 + 20 \times 1,186)/4 = 12,18$
15	<b>Ancuța Rotaru</b> , Chavdar Kolev, 2010, Addressing Issues of Geoenvironmental Risks in Dobruja, Romania/Bulgaria, Environmental Engineering and Management Journal (EEMJ), <b>9</b> (7): 961-969. <a href="http://www.eemj.icpm.tuiasi.ro/pdfs/vol9/no7/14_100_Rotaru_10.pdf">http://www.eemj.icpm.tuiasi.ro/pdfs/vol9/no7/14_100_Rotaru_10.pdf</a> , <a href="http://eemj.eu/index.php/EEMJ/article/view/590">http://eemj.eu/index.php/EEMJ/article/view/590</a>	$(25 + 20 \times 1,435)/2 = 26,85$
16	<b>Ancuța Rotaru</b> , Some Geo-aspects of the Black Sea Basin, 2010, Poceedings of the 3rd International Conference on Environmental and Geological Science and Engineering (EG '10), Constantza Maritime University (CMU), 3-5 September 2010, Constanta, in Advances in Environmental and Geological Science and Engineering, Published by World Scientific and Engineering Academy and Society Press (WSEAS Press), pp.169-174, ISSN: 1792-4685, ISBN: 978-960-474-221-9, <a href="http://www.wseas.us/conferences/2010/constantza/eg/">http://www.wseas.us/conferences/2010/constantza/eg/</a>	25/1 = 25,00
17	<b>Ancuța Rotaru</b> , Paulică Răileanu, 2008, Groundwater contamination from waste storage works, Environmental Engineering and Management Journal, Editura EcoZONE, ISSN: 1582-9596, <b>7</b> (6): 731-735. <a href="http://www.eemj.icpm.tuiasi.ro/pdfs/vol7/no6/19_Ancuta%20Rotaru.pdf">http://www.eemj.icpm.tuiasi.ro/pdfs/vol7/no6/19_Ancuta%20Rotaru.pdf</a>	$(25 + 20 \times 0,368)/2 = 16,18$
18	<b>Ancuța Rotaru</b> , Daniel Oajdea, Paulică Răileanu, 2008, Dynamics of a landslide surface, Environmental Problems and Development – Energy and Environmental Engineering Series, Published by World Scientific and Engineering Academy and Society Press (WSEAS Press), pp.22-27, ISSN: 1790-5095, ISBN: 978-960-474-023-9. <a href="http://www.worldses.org/books/2008/bucharest2/environmental-problems-and-development.pdf">http://www.worldses.org/books/2008/bucharest2/environmental-problems-and-development.pdf</a>	25/3 = 8,34
		<b>238,53</b>

## 2.2. Articole în reviste și volumele unor manifestări științifice indexate în baze de date internaționale (Scopus, Wiley, Springer, Science Direct, IEEE, Engineering Village, Proquest, EBSCO)

1	Yasmina Ed-Dariy, Nouzha Lamdouar, Toufik Cherradi, <b>Ancuța Rotaru</b> , Marinela Barbuta, Petru Mihai, Loredana Judele, 2020, Effect of surface treatment on the behavior of square concrete members confined by JFRP composites, 2 <sup>nd</sup> International Conference on Advanced Technologies for Humanity (ICATH'2020), November 20-21, 2020, Rabat. Morocco. <a href="https://www.scitepress.org/PublicationsDetail.aspx?ID=YGdBY3gaip0=&amp;t=1">https://www.scitepress.org/PublicationsDetail.aspx?ID=YGdBY3gaip0=&amp;t=1</a>	2,86
2	Yasmina Ed-Dariy, Nouzha Lamdouar, Toufik Cherradi, <b>Ancuța Rotaru</b> , Marinela Barbuta, Petru Mihai, Loredana Judele, 2020, The Behavior of Concrete Cylinders	2,86

	Confined by JFRP Composites: Effect of KOH Solution, 5th World Congress on Civil, Structural, and Environmental Engineering (CSEE'20) virtually, October 18 – 20, 2020 <a href="https://avestia.com/CSEE2020_Proceedings/files/CSEE20%20Proceedings.pdf">https://avestia.com/CSEE2020_Proceedings/files/CSEE20%20Proceedings.pdf</a>	
3	Yasmina Ed-Dariy, Nouzha Lamdouar, Toufik Cherradi, <b>Ancuța Rotaru</b> , Marinela Bărbuță, Petru Mihai, Loredana Judele, 2020, Experimental Investigation of the Effects of Naoh and KOH Solution on the Behavior of Concrete Square Columns Reinforced By JFRP Composites, 5th World Congress on Civil, Structural, and Environmental Engineering (CSEE'20) virtually, October 18 – 20 2020. <a href="https://avestia.com/CSEE2020_Proceedings/files/CSEE20%20Proceedings.pdf">https://avestia.com/CSEE2020_Proceedings/files/CSEE20%20Proceedings.pdf</a>	2,86
5	<b>Ancuța Rotaru</b> , Radu-Aurel Pescaru, Ioana Olteanu-Donțov, Alina-Mihaela Nicuță, Petru Mihai, Vasilică Ciocan, Marius-Costel Balan, 2021, Hazard Risk Mitigation for a Sustainable Built Environment. In: Rotaru A. (ed) Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment. CRIT-RE-BUILT 2019, pp.3-34. Springer Series in Geomechanics and Geoengineering. <a href="https://link.springer.com/chapter/10.1007/978-3-030-61118-7_1">https://link.springer.com/chapter/10.1007/978-3-030-61118-7_1</a>	2,86
6	<b>Ancuța Rotaru</b> , Gupinath Bhandari, 2021, The Impact of Environmental Degradation: Atmospheric and Geological Issues in Built Areas. In: Rotaru A. (ed) Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment. CRIT-RE-BUILT 2019, pp.35-46. Springer Series in Geomechanics and Geoengineering. <a href="https://link.springer.com/chapter/10.1007/978-3-030-61118-7_2">https://link.springer.com/chapter/10.1007/978-3-030-61118-7_2</a>	10,00
7	<b>Ancuța Rotaru</b> , Dana-Mădălina Pohrib, 2021, Stabilization of Roads Located on Banks of Mountain Flowing Waters. In: Rotaru A. (ed) Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment. CRIT-RE-BUILT 2019, pp.130-141. Springer Series in Geomechanics and Geoengineering. <a href="https://link.springer.com/chapter/10.1007/978-3-030-61118-7_11">https://link.springer.com/chapter/10.1007/978-3-030-61118-7_11</a>	10,00
8	Marinela Bărbuță, <b>Ancuța Rotaru</b> , Traian-Dănuț Babor, 2021, Mechanical Characteristics of Polymer Concrete with Different Waste Replacements. In: Rotaru A. (ed) Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment. CRIT-RE-BUILT 2019, pp. 200-206. Springer Series in Geomechanics and Geoengineering. <a href="https://link.springer.com/chapter/10.1007/978-3-030-61118-7_17">https://link.springer.com/chapter/10.1007/978-3-030-61118-7_17</a>	6,67
9	Luis Jose Andrade Pais, Paulo Eduardo Maia de Carvalho, Luis Manuel Ferreira Gomes, <b>Ancuța Rotaru</b> , 2021, Mechanical Behaviour of an Unsaturated Soil Associated with Seepage. In: Rotaru A. (eds) Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment. CRIT-RE-BUILT 2019, pp.229-240. Springer Series in Geomechanics and Geoengineering. <a href="https://link.springer.com/chapter/10.1007/978-3-030-61118-7_20">https://link.springer.com/chapter/10.1007/978-3-030-61118-7_20</a>	5,00
10	Sanaa Elmalyh, Azzeddine Bouyahyaoui, Toufik Cherradi, <b>Ancuța Rotaru</b> , Petru Mihai, 2020, Shear Strength of Unreinforced Masonry Walls Retrofitted with CFRP, <i>Advances in Science, Technology and Engineering Systems Journal (ASTESJ)</i> , 5(2), 351-359, ISSN: 2415-6698. <a href="https://astesj.com/v05/i02/">https://astesj.com/v05/i02/</a>	4,00
11	Sanaa Elmalyh, Azzeddine Bouyahyaoui, Toufik Cherradi, <b>Ancuța Rotaru</b> , Petru Mihai, 2020, In-Plane Shear Behavior of Unreinforced Masonry Walls Strengthened with Fiber Reinforced Polymer Composites, <i>Advances in Science, Technology and Engineering Systems Journal (ASTESJ)</i> , J. 5(2), 351-359. <a href="https://astesj.com/v05/i02/">https://astesj.com/v05/i02/</a>	4,00
12	Alexandru Timu, G. Bejan, G. Sosoi, Marinela Bărbuță, <b>Ancuța Rotaru</b> , 2019, Mechanical Characteristics of Lightweight Concrete Obtained by Aggregate Replacement, <i>Bulletin of the Transilvania University of Braşov</i> , <b>59</b> (1), 181-186. <a href="http://webbut.unitbv.ro/BU2018/Series%20I/Contents_I_CIB_CE.html">http://webbut.unitbv.ro/BU2018/Series%20I/Contents_I_CIB_CE.html</a>	4,00
13	Andrei Boboc, <b>Ancuța Rotaru</b> , Vasile Boboc, Gupinath Bhandari, 2017, An Approach to Identify the Impact of Human Intervention on Major Defects in Road Design, Construction and Maintenance, <i>Advanced Engineering Forum</i> , Proceedings of EBUILT International Conference, November 16-19, 2016, Iași, Romania, 21: 327-334. <a href="https://www.scientific.net/AEF.21.327">https://www.scientific.net/AEF.21.327</a>	5,00



14	<b>Ancuța Rotaru</b> , Gupinath Bhandari, 2017, Bridging New Solutions for Sustainable Rehabilitation of Structures Damaged Due to Difficult Soils or Foundation Design, <i>Advanced Engineering Forum</i> , Proceedings of EBUILT International Conference, November 16-19, 2016, Iași, Romania, <b>21</b> : 346-351. <a href="https://www.scientific.net/AEF.21.346">https://www.scientific.net/AEF.21.346</a>	10,00
15	Vasile Boboc, <b>Ancuța Rotaru</b> , Andrei Boboc, Gupinath Bhandari, 2017, Site Soil Investigations for Road Rehabilitation, <i>Advanced Engineering Forum</i> , Proceedings of EBUILT International Conference, November 16-19, 2016, Iași, Romania, <b>21</b> : 372-379. <a href="https://www.scientific.net/AEF.21.372">https://www.scientific.net/AEF.21.372</a>	5,00
16	Smita Tung, Kaustuv Bhattacharya, Gupinath Bhandari, Sibapriya Mukherjee, <b>Ancuța Rotaru</b> , Vasile Boboc, 2017, Stability Analysis of the Earth Embankments Subjected to Natural Cyclic Processes, <i>Advanced Engineering Forum</i> , Proceedings of EBUILT International Conference, November 16-19, 2016, Iași, Romania, <b>21</b> : 389-396. <a href="https://www.scientific.net/AEF.21.389">https://www.scientific.net/AEF.21.389</a>	3,33
17	<b>Ancuța Rotaru</b> , 2011, Landslides Triggered in Hard Soils and Soft Rocks in Romania, Proceedings of the 15th European Conference on Soil Mechanics and Geotechnical Engineering - Geotechnics of Hard Soils – Weak Rocks, Edited by Andreas Anagnostopoulos, Michael Pachakis, Christos Tsatsanifos, IOS Press, ISBN 978-1-60750-800-7, DOI: 10.3233/978-1-60750-801-4-1383, pp. 1383 – 1387, Atena, Grecia, 12-15 septembrie 2011. <a href="http://www.booksonline.iospress.nl/Content/View.aspx?piid=21317">http://www.booksonline.iospress.nl/Content/View.aspx?piid=21317</a>	20,00
18	<b>Ancuța Rotaru</b> , Vasile Boboc, 2010, Physical Properties of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania – A Cement-like Material for Substructure Works, – Recent Advances in Risk Management, Assessment and Mitigation, Poceedings of the International Conference on Risk Management, Assessment and Mitigation (RIMA'10), Universitatea Politehnica, Bucharest, Romania, April 20-22, 2010, in <i>Recent Advances in Electrical Engineering</i> Published by World Scientific and Engineering Academy and Society Press (WSEAS Press), 187-193, ISSN: 1790-2769, ISBN: 978-960-474-182-3. <a href="http://www.imst.pub.ro/userfiles/Joint%20program.pdf">www.imst.pub.ro/userfiles/Joint%20program.pdf</a> <a href="https://www.scopus.com/authid/detail.uri?authorId=26022121700">https://www.scopus.com/authid/detail.uri?authorId=26022121700</a>	10,00
19	Vasile Boboc, <b>Ancuța Rotaru</b> , Andrei Boboc, 2010, Mechanical Properties of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania – A Cement-like Material for Substructure Works, Recent Advances in Risk Management, Assessment and Mitigation, Poceedings of the International Conference on Risk Management, Assessment and Mitigation (RIMA'10), Universitatea Politehnica, Bucharest, Romania, April 20-22, 2010, in <i>Recent Advances in Electrical Engineering</i> Published by World Scientific and Engineering Academy and Society Press (WSEAS Press), 187-193, ISSN: 1790-2769, ISBN: 978-960-474-182-3. <a href="http://www.imst.pub.ro/userfiles/Joint%20program.pdf">www.imst.pub.ro/userfiles/Joint%20program.pdf</a> <a href="https://www.yumpu.com/en/document/view/28635509/recent-advances-in-risk-management-wseasus">https://www.yumpu.com/en/document/view/28635509/recent-advances-in-risk-management-wseasus</a>	6,67
20	<b>Ancuța Rotaru</b> , Vasile Boboc, 2010, A Material Used in Substructure and Road Works: Physical Characteristics of Pozzolana Fly Ash from Thermal Power Plant of Iași, Romania, <i>WSEAS Transactions on Environment and Development</i> , Volume 6(6): 427-436, ISSN: 1790-5079. <a href="https://www.wseas.us/e-library/transactions/environment/2010/89-818.pdf">https://www.wseas.us/e-library/transactions/environment/2010/89-818.pdf</a> <a href="https://www.semanticscholar.org/paper/A-Material-Used-in-Substructure-and-Road-Works-%3A-of-Rotaru-Boboc/f2bb11b6ac3fbfe28f3882172e116b1069984a72">https://www.semanticscholar.org/paper/A-Material-Used-in-Substructure-and-Road-Works-%3A-of-Rotaru-Boboc/f2bb11b6ac3fbfe28f3882172e116b1069984a72</a>	10,00
21	Vasile Boboc, <b>Ancuța Rotaru</b> , Andrei Boboc, 2010, A Material for Substructure and Road Works: Mechanical Characteristics of Pozzolana Fly Ash from Thermal Power Plant of Iași, Romania, <i>WSEAS Transactions on Environment and Development</i> , 6(6): 437-446, ISSN: 1790-5079. <a href="http://www.wseas.us/e-library/transactions/environment/2010/89-819.pdf">http://www.wseas.us/e-library/transactions/environment/2010/89-819.pdf</a> <a href="https://docplayer.net/170081937-A-material-for-substructure-and-road-works-mechanical-characteristics-of-pozzolana-fly-ash-from-thermal-power-plant-of-iasi-romania.html">https://docplayer.net/170081937-A-material-for-substructure-and-road-works-mechanical-characteristics-of-pozzolana-fly-ash-from-thermal-power-plant-of-iasi-romania.html</a>	6,67

22	<b>Ancuța Rotaru</b> , 2010, Geoenvironmental Issues Concerning the Black Sea Basin, <i>International Journal of Energy and Environment</i> Published by NAUN, 4(4): 131-138, ISSN: 1109-9577 <a href="http://www.naun.org/journals/energyenvironment/2010.htm">http://www.naun.org/journals/energyenvironment/2010.htm</a> <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84891826960&amp;origin=inward&amp;txGid=47e12378ab56f803d68a855813255a19">https://www.scopus.com/record/display.uri?eid=2-s2.0-84891826960&amp;origin=inward&amp;txGid=47e12378ab56f803d68a855813255a19</a>	20,00
23	Costel Pleșcan, <b>Ancuța Rotaru</b> , 2010, Aspects Concerning the Improvement of Soils against Liquefaction, <i>Buletinul Institutului Politehnic din Iași</i> , Universitatea Tehnică „Gheorghe Asachi” din Iași, Tom LVI (LX), Fasc.3, Secția Construcții. Arhitectură, 39-45. <a href="http://www.bipcons.ce.tuiasi.ro/Content/ArticleInformation.php?ArticleID=188">http://www.bipcons.ce.tuiasi.ro/Content/ArticleInformation.php?ArticleID=188</a>	10,00
24	<b>Ancuța Rotaru</b> , Paulică Răileanu, 2009, Some Models of Soil Behaviour for Evaluation of Consolidation Settlement in Clays, Proceedings of the 17th International Conference on Soil Mechanics and Geotechnical Engineering, Alexandria, Egypt, October 5-9, 2009, Published by IOS Press, imprint Millpress, ISBN 978-1-60750-031-5 (print). <a href="http://www.iospress.nl/loadtop/load.php?isbn=9781607500315">http://www.iospress.nl/loadtop/load.php?isbn=9781607500315</a> <a href="https://www.scopus.com/authid/detail.uri?authorId=26022121700">https://www.scopus.com/authid/detail.uri?authorId=26022121700</a>	10,00
25	<b>Ancuța Rotaru</b> , 2008, Quality control and remediation of contaminated soils in urban areas—some examples from Romania, <i>Australian Journal of Basic and Applied Sciences</i> , 2(4): 929-938. <a href="http://www.ajbasweb.com/old/ajbas/2008/929-938.pdf">http://www.ajbasweb.com/old/ajbas/2008/929-938.pdf</a>	20,00
26	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru, 2008, Research concerning the water seepage in the basement of the Orthodox Cathedral of Bacău, Romania, <i>Buletinul Institutului Politehnic din Iași, Bulletin of the Polytechnic Institute of Jassy</i> , tomul XIV (LXIII), fasc.4, Secția Construcții. Arhitectură <a href="http://www.bipcons.ce.tuiasi.ro/Content/ArticleInformation.php?ArticleID=127">http://www.bipcons.ce.tuiasi.ro/Content/ArticleInformation.php?ArticleID=127</a>	6,67
27	Ana Nicuță, <b>Ancuța Rotaru</b> , Research on sites with sliding potential, <i>Acta Technica Napocensis</i> , UT Cluj-Napoca, Section Civil Engineering – Architecture, 51, vol.III, 2008, ISSN 1221-588, pp. 285-290 <a href="https://constructii.utcluj.ro/ActaCivilEng/download/Acta_Technica_Napocensis_Vol51_2008_nr3.pdf">https://constructii.utcluj.ro/ActaCivilEng/download/Acta_Technica_Napocensis_Vol51_2008_nr3.pdf</a>	10,00
28	<b>Ancuța Rotaru</b> , Ana Nicuță, Some aspects of landslide risk evaluation taking into account their distribution and properties, <i>Journal Materials, Methods and Technologies, International Scientific Publications</i> , vol.2, part.1, 2008, ISSN 1313-2539, pp.47-57, Published by Info Invest, Bulgaria. <a href="https://www.scientific-publications.net/download/materials-methods-and-technologies-2008.pdf">https://www.scientific-publications.net/download/materials-methods-and-technologies-2008.pdf</a>	10,00
	<b>Ancuța Rotaru</b> , Daniel Oajdea, Paulică Răileanu, 2007, Analysis of the landslide movements, <i>International Journal of Geology</i> , NAUN, 1(3) 70-79. <a href="https://naun.org/multimedia/NAUN/geology/ijgeo-10.pdf">https://naun.org/multimedia/NAUN/geology/ijgeo-10.pdf</a>	6,67
29	<b>Ancuța Rotaru</b> , Procedee și tehnologii de îmbunătățire a proprietăților terenurilor dificile de fundare în vederea creșterii siguranței și durabilității infrastructurii construcțiilor ingineresti, <i>Revista de Politica Științei și Scientometrie</i> , Număr special 2005, Editată CNCIS, ISSN-1582-1218, 1-19, 2005.	20,00
30	<b>Ancuța Rotaru</b> , Traian Dănuț Babor, Calculul deformațiilor pentru probe de argilă saturată consolidată anizotrop supusă la încercări de încărcare – descărcare. Condiții de normalitate și $K_0$ , <i>Buletinul Institutului Politehnic din Iași</i> , secția VI, Construcții. Arhitectură, Tomul L(LIV), Fasc.5, pp.285-290, 2004.	10,00
31	<b>Ancuța Rotaru</b> , Traian Dănuț Babor, Aplicarea relațiilor unice dintre umiditate și tensiunile efective la argilele saturate, <i>Buletinul Institutului Politehnic din Iași</i> , secția VI, Construcții. Arhitectură, Tomul L(LIV), Fasc.5, <a href="http://www.bipcons.ce.tuiasi.ro/papers.html">www.bipcons.ce.tuiasi.ro/papers.html</a> , pp.279-284, 2004.	10,00
32	Dănuț Babor, <b>Ancuța Rotaru</b> , Fire din sticlă, <i>Buletinul Institutului Politehnic din Iași</i> , secția VI, Construcții. Arhitectură, Tomul L(LIV), Fasc.5, pp.9-12, 2004.	10,00
33	Dănuț Babor, <b>Ancuța Rotaru</b> , Cristin Grigorean, Geamuri speciale, <i>Buletinul Institutului Politehnic din Iași</i> , secția VI, Construcții. Arhitectură, Tomul L(LIV), Fasc.5, pp.13-16, 2004.	6,67
		<b>281,79</b>

## 2.3 Brevete de invenție înregistrate la OSIM sau WIPO

### 2.3.1 Cotate ISI

Nr. crt.	Rezultate (punctaje)	Autori, titlul brevetului, nr. brevet, instituția la care a fost înregistrat brevetul de invenție
1	50/nr. autori =	-

### 2.3.2 Internaționale, necotate ISI

Nr. crt.	Rezultate (punctaje)	Autori, titlul brevetului, nr. brevet, instituția la care a fost înregistrat brevetul de invenție
1	35/nr. autori =	-

### 2.3.3. Naționale

Nr. crt.	Rezultate (punctaje)	Autori, titlul brevetului, nr. brevet, instituția la care a fost înregistrat brevetul de invenție
1	25/nr. autori =	-

## 2.4 Granturi/Proiecte\* câștigate prin competițiile ce finanțează activități de cercetare

\* Prin grant/proiect de cercetare câștigat prin competiție se înțelege că trebuie să fie atrase simultan fonduri pentru: cheltuieli de personal, cheltuieli de capital, cheltuieli de logistică (obiecte de mică valoare și consumabile), deplasări și regia universității

### 2.4.1 Director (pentru instituția coordonatoare) / responsabil (pentru instituția parteneră)

#### 2.4.1.1 Internaționale

Nr crt	Titlu proiect	Tip contract/ număr	Valoare contract	Perioada/ anul	Calitate în proiect	Rezultate (Punctaje)
1	Rehabilitation of the Built Environment in the Context of Smart City and Sustainable Development Concepts for Knowledge Transfer and Lifelong Learning (RE-BUILT) - Research collaboration supporting innovation - <a href="http://www.rebuilt.ce.tuiasi.ro/">http://www.rebuilt.ce.tuiasi.ro/</a>	E+ 2018-1-RO01-KA203-049214	388.456 EUR	2018/2021	Director/ Manager	60,00
TOTAL						60,00

#### 2.4.1.2 Naționale

Nr crt	Titlu proiect	Tip contract/ număr	Valoare contract	Perioada/ anul	Calitate în proiect	Rezultate (Punctaj)
1	Procedee și tehnologii de îmbunătățire a proprietăților terenurilor dificile de fundare în vederea creșterii siguranței și	Grant MEC. tip A, nr.27637/2005,	200.000.000 ROL	2005	Director proiect	10,00



	durabilității construcțiilor ingineresti	Tema 49, cod CNCSIS 547				
		Grant M.E.C. tip A, nr.A1 GR164/2006, tema 70, cod CNCSIS 547	57.000 RON	2006	Director proiect	10,00
2	Reducerea riscului de producere a alunecărilor de teren – provocare și strategie <a href="https://uefiscdi.gov.ro/UserFiles/File/Rezultate%2520FINALE%2520%2520aplicatii%2520privind%2520organizarea%2520de%2520WE%2520in%2520anul%25202009%2C%2520depuse%2520in%25202008.pdf">https://uefiscdi.gov.ro/UserFiles/File/Rezultate%2520FINALE%2520%2520aplicatii%2520privind%2520organizarea%2520de%2520WE%2520in%2520anul%25202009%2C%2520depuse%2520in%25202008.pdf</a>	PNCDI II Workshop exploratoriu nr.17WE/2009	30.000 RON	2009	Director proiect	10,00
3	Some aspects of landslide risk evaluation taking into account their distribution and properties <a href="http://old.uefiscdi.ro/UserFiles/File/MC%202008/LISTA_PROPUNERI_PROIECTE_PRIMITE_Tip_MC(2).htm">http://old.uefiscdi.ro/UserFiles/File/MC%202008/LISTA_PROPUNERI_PROIECTE_PRIMITE_Tip_MC(2).htm</a>	PNCDI II RU – mobilități cercetători nr.90/2008	2316,76 RON	2008	Director proiect	10,00
4	Studii doctorale pentru performanțe europene în cercetare și inovare (CUANTUMDOC)	POSDRU/CD PP107 1.5/S/79407		2010/2011	Director executiv	10,00
<b>TOTAL</b>						<b>50,00</b>

## 2.4.2 Membru în echipa de implementare a grantului

### 2.4.2.1 Internaționale

Nr. crt.	Rezultate (punctaje)	Titlul proiectului
	-	10*nr. ani de desfășurare=
Punctaj total: -		

### 2.4.2.2 Naționale

Nr. crt.	Rezultate (punctaje)	Titlul proiectului
	5 x 1 = 5,00	COST – Action 351 - Water Movement in Road Pavements and Embankments – membru al grupului de lucru național
	5 x 2 = 10,00	Program PHARE pentru implementarea managementului universitar, participare efectivă la întâlnirile de la Olimp (23-25 septembrie 2000) și Brașov (1-3 martie 2001).
	5 x 1 = 5,00	European Civil Engineering Education and Training I, II Nr.104.437 CP1-2002-1-FR-ERASMUS-TN Ecole Nationale des Ponts et Chaussees – partener, 2001 - Participare efectivă la întâlnirea de la Mamaia (februarie 2001).
Punctaj total:		<b>20,00</b>

**2.5. Responsabil de proiecte de cercetare/consultanță (fiecare proiect considerat la calculul punctajului trebuie să fie în valoare de minim 50000 lei pentru instituția la care responsabilul era/este titular)**

<b>Nr. crt.</b>	<b>Rezultate (punctaje)</b>	<b>Titlul proiectului</b>
Punctaj total: -		

<b>TOTAL Activitate de cercetare (A2)</b>	<b>650,32</b>
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## Recunoașterea și impactul activității (A3)

### 3.1 Citări în reviste ISI și BDI și în volumele conferințelor ISI și BDI (nu sunt considerate autocitățile)

Nr crt	Date despre lucrarea citată			Date despre lucrarea în care a fost citată lucrarea personală			Punctaj citări în reviste sau manifestări științifice			
	Autorii lucrării	Titlul lucrării	Unde și când a fost publicată lucrarea	Autorii lucrării	Titlul lucrării	Unde și când a fost publicată lucrarea	Cotate ISI	Indexate ISI	Indexate BDI	Manif. șt. BDI
1.	Ancuța Rotaru, Daniel Oajdea, Paulică Răileanu	Analysis of the landslide movements	International Journal of Geology, NAUN, Issue 3, Volume 1, 2007	Gorazd Žibret, Marko Komac, Mateja Jemec	PSInSAR Displacements Related to Soil Creep and Rainfall Intensities in the Alpine Foreland of Western Slovenia	Geomorphology, Volumes 175–176(15): 107–114, Published by Elsevier B.V., 2012 <a href="http://ps16.esa.int/posterfiles/paper0491/Psinsar_displacements%20related%20to%20soil%20creep_Slovenia.pdf">http://ps16.esa.int/posterfiles/paper0491/Psinsar_displacements%20related%20to%20soil%20creep_Slovenia.pdf</a> <a href="https://www.sciencedirect.com/science/article/abs/pii/S0169555X12003261">https://www.sciencedirect.com/science/article/abs/pii/S0169555X12003261</a>	3,33 x 3,017= 10,050			
2.				Chisheng Wang, Qingquan Li, Jiasong Zhu, Wei Gao, Xinjian Shan, Jun Song, Xiaoli Ding	Formation of the 2015 Shenzhen Landslide As Observed by SAR shape-from-shading	Nature, Scientific Reports 7, Published online 03 March 2017 <a href="http://www.nature.com/articles/srep43351">http://www.nature.com/articles/srep43351</a>	3,33 x 4,445= 14,800			
3.				Meirman Syzdykbayev, BobakKarimi, Hassan A.Karimi	Persistent Homology on LiDAR Data to Detect Landslides	Remote Sensing of Environment, 246, 2020 <a href="https://www.sciencedirect.com/science/article/abs/pii/S0034425720301863">https://www.sciencedirect.com/science/article/abs/pii/S0034425720301863</a>	3,33 x 8,218= 27,366			
4.				André Rodrigues, Johnny Reis, Filipe Pinto, Davi Lucas	Mass Movement Risk in a Portuguese Municipality: Tabuaço Case Study	Proceedings of the Institution of Civil Engineers - Forensic Engineering, 174(1):1-9, 2020. ISSN 2043-9903   E-ISSN 2043-9911, <a href="https://doi.org/10.1680/jfoen.20.00018">https://doi.org/10.1680/jfoen.20.00018</a>	3,333= 3,333			
5.				Chiara Crippa, Elena Valbuzzi, Paolo Frattini, Giovanni B. Crosta, Margherita C. Spreafico, Federico Agliardi	Semi-automated Regional Classification of the Style of Activity of Slow Rock-slope Deformations Using PS InSAR and SqueeSAR Velocity Data	Landslides, April 2021, Edited by Springer <a href="https://link.springer.com/article/10.1007/s10346-021-01654-0">https://link.springer.com/article/10.1007/s10346-021-01654-0</a>	3,33 x 4,708= 15,678			
6.				Paschalis D. Koutalakis, Ourania A. Tzoraki, Georgios I. Prazioutis, Georgios T. Gkias, George N. Zaimes	Can Drones Map Earth Cracks? Landslide Measurements in North Greece Using UAV Photo-grammetry for Nature-Based Solutions	Sustainability 2021, 13(9), 4697; <a href="https://doi.org/10.3390/su13094697">https://doi.org/10.3390/su13094697</a>	3,33 x 2,576= 8,578			
7.				Mathilde Desrues, Jean-Philippe Malet, Ombeline Brenguier, Aurore Carrier, Alexandre Mathy, Lionel Lorier	Landslide kinematics inferred from in situ measurements: the Cliets rock-slide (Savoie, French Alps)	Landslides, October 2021, Edited by Springer <a href="https://doi.org/10.1007/s10346-021-01726-1">https://doi.org/10.1007/s10346-021-01726-1</a>	3,33 x 6,578= 21,905			
8.				M.B Ibrahim, S.A. Salisu, A.A. Musa, B. Abussalam, S.M. Hamza	Framework for the identification of shallow ground movement in modified slopes (an expert opinion)	IOP Conference Series: Earth Environment Science 1064, 012055 <a href="https://iopscience.iop.org/article/10.1088/1755-1315/1064/1/012055/meta">https://iopscience.iop.org/article/10.1088/1755-1315/1064/1/012055/meta</a>		0,83		
9.				D Arisanty, K P Hastuti, A N Saputra, M Muhaimin, F A Setiawan	Characteristic of mass movement in Riam Kanan watershed, Indonesia	IOP Conference Series: Earth and Environmental Science, 4th IGEOS: International Geography Seminar 2020 29/09/2020 - 30/09/2020 Online, Volume 1089, 2022 <a href="https://iopscience.iop.org/article/10.1088/1755-1315/1089/1/012001">https://iopscience.iop.org/article/10.1088/1755-1315/1089/1/012001</a>		0,83		
10.				Yunara D. Triana, Iskandar Iskandar, M. Nizar Firmansyah, Pamela Pamela	Faktor geologi dan mekanisme gerakan tanah di Indonesia Geological factors and landslides mechanisms in Indonesia	Bulletin Vulkanologi dan Bencana Geologi, 14(2), 2020 <a href="https://vsi.esdm.go.id/bvbg/index.php/buletin/article/view/53">https://vsi.esdm.go.id/bvbg/index.php/buletin/article/view/53</a>			0,67	
11.				SP Pradhan, Tariq Siddique	Mass Wasting: An Overview	Landslides: Theory, Practice and Modelling. Advances, Natural and Technological Hazards Research, Springer, 3-20 (Part of the <i>Advances in Natural and Technological Hazards Research</i> book series, vol. 50), 2019 <a href="https://link.springer.com/chapter/10.1007/978-3-319-77377-3_1">https://link.springer.com/chapter/10.1007/978-3-319-77377-3_1</a>			0,67	
12.				Ogbonnaya Igwe, Chuku Okoro Una	Landslide Impacts and Management in Nanka Area, Southeast Nigeria	Geoenvironmental Disasters, 6(5), Editor Springer Open, 2019. <a href="https://geoenvironmental-disasters.springeropen.com/articles/10.1186/s40677-019-0122-z">https://geoenvironmental-disasters.springeropen.com/articles/10.1186/s40677-019-0122-z</a>			0,67	
13.				Mihai Ciprian Mărgărint, Mihai Niculiță	Landslide Type and Pattern in Moldavian Plateau, NE Romania	Landform Dynamics and Evolution in Romania, Springer, 271-304 (Part of the <i>Geography</i> book series, Radoane M, Vespremeanu-Stroe A (eds), 2017 <a href="https://link.springer.com/chapter/10.1007/978-3-319-32589-7_12">https://link.springer.com/chapter/10.1007/978-3-319-32589-7_12</a>			0,67	
14.				Cătălina Mihaela Grădinaru, Adrian Alexandru Șerbănoiu	Managementul materialelor ecologice de construcții. Analiza utilizării unor agregate ușoare de origine vegetală ca materie primă în producerea betonului	Editura „Bioflux” Cluj-Napoca, 2019 <a href="http://www.editura.bioflux.com.ro/docs/Managementul_materialelor_ecologice_de_construcții_Gradinaru_Serbanoiu.pdf">http://www.editura.bioflux.com.ro/docs/Managementul_materialelor_ecologice_de_construcții_Gradinaru_Serbanoiu.pdf</a>			0,67	

15.				Ali Jahanfar, Brajesh Dubey, Bahram Gharabaghi, Saber Bayat Movahed	Landfill Failure Mobility Analysis A Probabilistic Approach	International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering, 10(5), 2016 <a href="https://www.researchgate.net/profile/Bahram-Gharabaghi/publication/304460399_Landfill_Failure_Mobility_Analysis_A_Probabilistic_Approach/links/576ff69c08ae10de639c06b8/Landfill-Failure-Mobility-Analysis-A-Probabilistic-Approach.pdf">https://www.researchgate.net/profile/Bahram-Gharabaghi/publication/304460399_Landfill_Failure_Mobility_Analysis_A_Probabilistic_Approach/links/576ff69c08ae10de639c06b8/Landfill-Failure-Mobility-Analysis-A-Probabilistic-Approach.pdf</a>			0,67	
16.				Ramashray Prasad	Landslide Taxonomy and Vulnerability in Eastern Bhutan	Sherub Doenme: The Research Journal of Sherubtse College, 10, 2010 <a href="http://202.144.134.241/index.php/sherub/article/view/7">http://202.144.134.241/index.php/sherub/article/view/7</a>			0,67	
17.				Ramashray Prasad, Sangay Dorji	Earthquake and Landslide Vulnerability; Some Selected Studies from Bhutan	The Research Journal of Sherubtse College, Vol 11, 2011, pp.23-31 <a href="http://jr.sherubtse.edu.bt/index.php/sherub/article/view/16/14">http://jr.sherubtse.edu.bt/index.php/sherub/article/view/16/14</a>			0,67	
18.				Singye Namgyel, Phub Gyem, R. Balamurugan, Sonam Wangmo	GNH: Values and Practices at Sherubtse College	Sherub Doenme: The Academic Journal of Sherubtse College, vol 10(1&2), 2010 <a href="http://jr.sherubtse.edu.bt/index.php/sherub/article/view/9">http://jr.sherubtse.edu.bt/index.php/sherub/article/view/9</a>			0,67	
19.				JE Tay, OS Selaman	A Study on the Rainfall and Landslides Along Sarawak Road Using the Antecedent Rainfall Analysis	Journal of Civil Engineering, Science and Technology, 2(1), 2011 <a href="http://publisher.unimas.my/ojs/index.php/JCEST/article/view/80">http://publisher.unimas.my/ojs/index.php/JCEST/article/view/80</a>			0,67	
20.				Budhi Setiawan, Zamsyar Giendhra Fad, Jonathan Mulia	Cumulative Rainfall Departure Approach to Estimate Probability of Landslide as Impact of Climate Change	International Symposium on Sustainable Geosynthetics and Green Technology for Climate Change, Bangkok, Thailand, 20-21 June 2012, 391-400, Printed by Curran Associates, Inc., 2014. <a href="http://www.proceedings.com/20482.html">http://www.proceedings.com/20482.html</a> <a href="https://www.researchgate.net/publication/294091457_CUMULATIVE_RAINFALL_DEPARTURE_APPROACH_TO_ESTIMATE_PROBABILITY_OF_LANDSLIDE_AS_IMPACT_OF_CLIMATE_CHANGE">https://www.researchgate.net/publication/294091457_CUMULATIVE_RAINFALL_DEPARTURE_APPROACH_TO_ESTIMATE_PROBABILITY_OF_LANDSLIDE_AS_IMPACT_OF_CLIMATE_CHANGE</a>				0,33
21.				Dounia Amrani	Numerical Modeling for the Stabilization of a Landslide	The 1ST International Congress on Advances in Geotechnical Engineering and Construction Management (ICAGECM'19) 9-10 December, 2019/Skikda-Algeria <a href="https://www.researchgate.net/publication/343112347_Volume1_international_congress_at_university_of_skikda">https://www.researchgate.net/publication/343112347_Volume1_international_congress_at_university_of_skikda</a>				0,33
22.				Dounia Amrani	Numerical Modeling of Risks of Natural Landslides Stabilized by Reinforcement Systems	The 4th International Conference on Geotechnical Engineering. New Developments in Geomechanics and Georisk, Hammamet, Tunisia, 9-11 March 2020 <a href="https://www.researchgate.net/profile/Mounir-Bouassida/publication/340443274_Proceedings_of_the_4th_International_Conference_on_Geotechnical_Engineering_9-11_March_2020_Hammamet_Tunisia/links/5f7cd426458515b7cf6c4d05/Proceedings-of-the-4th-International-Conference-on-Geotechnical-Engineering-9-11-March-2020-Hammamet-Tunisia.pdf">https://www.researchgate.net/profile/Mounir-Bouassida/publication/340443274_Proceedings_of_the_4th_International_Conference_on_Geotechnical_Engineering_9-11_March_2020_Hammamet_Tunisia/links/5f7cd426458515b7cf6c4d05/Proceedings-of-the-4th-International-Conference-on-Geotechnical-Engineering-9-11-March-2020-Hammamet-Tunisia.pdf</a>				0,33
23.				Abdelkader Moussi, Noamen Rebai	Conception et modélisation d'un SIG WEB 3D pour la planification urbaine. Etude de cas Siliana - Tunisia	The 4th International Conference on Geotechnical Engineering, Hammamet (Tunisia), 9-11 March 2020 <a href="https://www.researchgate.net/publication/355163548_Conception_et_modelisation_d%27un_SIG_WEB_3D_pour_la_planification_urbaine_Etude_de_cas_Siliana_-_Tunisia">https://www.researchgate.net/publication/355163548_Conception_et_modelisation_d%27un_SIG_WEB_3D_pour_la_planification_urbaine_Etude_de_cas_Siliana_-_Tunisia</a>				0,33
24.				Dedy Miswar, Endro. P. Wahono, Aristoteles, Agus Sutyatna, Yarmaidi, Riyan Yoga Darmawan, Wan Abbas Zakaria, I Gede Sugiyanta	The Landslide Spatial Modelling in Limau District, Tanggamus Regency	Universitas Lampung International Conference on Social Sciences (ULICoSS), Advances in Social Science, Education and Humanities Research, 628, Atlantis Press, 2021. <a href="https://www.atlantis-press.com/proceedings/ulicoss-21/125968217">https://www.atlantis-press.com/proceedings/ulicoss-21/125968217</a>				0,33
25.				Dounia Amrani, Chafia Merah, Fethi Baali	Assessment and Stabilization of Natural Landslide Hazards by a Reinforcement System	Conference of the Arabian Journal of Geosciences CAJG 2019: Research Developments in Geotechnics, Geo-Informatics and Remote Sensing, 39–41, 2022 <a href="https://www.cajg.org/2019">https://www.cajg.org/2019</a>				0,33
26.	Ancuța Rotaru, Chavdar Kolev	Addressing issues of geoenvironmental risks in Dobruja, Romania/Bulgaria,	Environmental Engineering and Management Journal, 9(7): 961-969, 2010	Viorel-Ilie Arghiuș, Corina Arghiuș, Alexandru Ozunu, Eugen Nour, Gheorghe Roșian, Liviu-Octavian Muntean	The relation between the landslide activity and irregular rainfall and snowmelt in the Codrului Hills, Romania	Environmental Engineering and Management Journal, 10(1): 3-6, 2011. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol10/no1/3_17_Arghius_11.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol10/no1/3_17_Arghius_11.pdf</a>	5,00 x 1,004 = 5,020			
27.				Viorel Arghiuș, Camelia Botezan, Andra Cristina Gagi, Ioanna Samara, Francisc Senzaconi, Alexandru Ozunu	Normalized economical flood damages in Romania during 2000-2009	Environmental Engineering and Management Journal, 10(1): 17-21, 2011. <a href="http://www.academia.edu/download/30853023/5_18_Arghius_11.pdf">http://www.academia.edu/download/30853023/5_18_Arghius_11.pdf</a>	5,00 x 1,004 = 5,020			
28.				Rashid Burtiev	Evaluation of Seismic Hazards from Several Seismic Zones	Environmental Engineering and Management Journal, 11(12): 2141-2150, 2012 <a href="http://s3.amazonaws.com/academia.edu.documents/30733984/3_688_Burtiev_12.pdf?AWSAccessKeyId=AKIAJ56TQJRTW-SMTNPEA&amp;Expires=1388269489&amp;Signature=UQTcT18xaDYP-AhXqmvMNd3Nxc%3D&amp;response-content-disposition=inline">http://s3.amazonaws.com/academia.edu.documents/30733984/3_688_Burtiev_12.pdf?AWSAccessKeyId=AKIAJ56TQJRTW-SMTNPEA&amp;Expires=1388269489&amp;Signature=UQTcT18xaDYP-AhXqmvMNd3Nxc%3D&amp;response-content-disposition=inline</a>	5,00 x 1,117 = 5,585			

29.				Yasemin Erbil, Selen Durak, Nilufer Akinciturk	A tool to prepare a database for reinforced concrete buildings in seismic risk regions	Environmental Engineering and Management Journal, 11(9): 1573-1580, 2012. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no9/6_68_Erbil_11.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no9/6_68_Erbil_11.pdf</a>	5,00 x 1,117= 5,585			
30.				Raluca - Mihaela Maftai, Constantina Filipciuc, George Vina	Why it is so difficult to assess landslides hazard and risk in Romania?	Environmental Engineering and Management Journal, 11(12): 2223-2232, 2012. <a href="http://www.researchgate.net/publication/259702222_12_697_Maftai_12_Bacau/file/ef31752d625ebb4777.pdf">http://www.researchgate.net/publication/259702222_12_697_Maftai_12_Bacau/file/ef31752d625ebb4777.pdf</a>	5,00 x 1,117= 5,585			
31.				Dragoş Toma-Dănilă	Real-time earthquake damage assessment and GIS analysis of two vulnerable counties in the Vrancea seismic area, Romania	Environmental Engineering and Management Journal, 11(12): 2265-2274, 2012. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no12/17_702_Toma-Danila_12.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no12/17_702_Toma-Danila_12.pdf</a>	5,00 x 1,117= 5,585			
32.				Elena Nechita, Carmen-Violeta Muraru, Mihai Talmaciu	A Bayesian approach for the assessment of risk probability. Case study for digital risk probability	Environmental Engineering and Management Journal, 11(12): 2249-2256, 2012. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no12/15_700_Nechita_12.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no12/15_700_Nechita_12.pdf</a>	5,00 x 1,117= 5,585			
33.				Gheorghe Marmureanu, Alexandru Marmureanu, Carmen Ortanza Cioflan, Constantin Ionescu	Essential tools to mitigate Vrancea strong earthquakes effects on Moldavian urban environment	Environmental Engineering and Management Journal, 12(1): 65-79, 2013. <a href="http://info.infp.ro/bigsees/Docs/ESSENTIAL%20TOOLS%20TO%20MITIGATE%20VRANCEA%20STRONG%20EARTHQUAKES%20EFFECTS%20ON%20MOLDAVIAN%20URBAN%20ENVIRONMENT.pdf">http://info.infp.ro/bigsees/Docs/ESSENTIAL%20TOOLS%20TO%20MITIGATE%20VRANCEA%20STRONG%20EARTHQUAKES%20EFFECTS%20ON%20MOLDAVIAN%20URBAN%20ENVIRONMENT.pdf</a>	5,00 x 1,258= 6,290			
34.				Gheorghe Romanescu, Cristian Stoleriu	Causes and effects of the catastrophic flooding on the Siret River (Romania) in July–August 2008	Natural hazards, 69(3): 1351-1367, Published by Springer Nature, 2013. <a href="http://link.springer.com/article/10.1007/s11069-012-0525-6#page-1">http://link.springer.com/article/10.1007/s11069-012-0525-6#page-1</a>	5,00 x 2,214= 11,070			
35.				Alexei Gvishiani, Mikhail Dobrovolsky, Sergey Agayan, Boris Dzeboev	Fuzzy-based clustering of epicenters and strong earthquake-prone areas	Environmental Engineering and Management Journal, 12(1): 1-10, 2013. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol12/no1/1_784_Gvishiani_12.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol12/no1/1_784_Gvishiani_12.pdf</a>	5,00 x 1,258= 6,290			
36.				Eugenia Grecu	New technologies - between business and environmental protection in Romania	Environmental Engineering and Management Journal, 13(8): 1873-1879, 2014. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no8/Full/3_162_Grecu_14.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no8/Full/3_162_Grecu_14.pdf</a>	5,00 x 1,065= 5,325			
37.				Gianina Maria Cojoc, Gheorghe Romanescu, Alina Tirnovan	Exceptional floods on a developed river: case study for the Bistrita River from the Eastern Carpathians (Romania)	Natural Hazards, 77(3): 1421–1451, Published by Springer Nature, 2015. <a href="https://link.springer.com/article/10.1007/s11069-014-1439-2">https://link.springer.com/article/10.1007/s11069-014-1439-2</a>	5,00 x 2,092= 10,460			
38.				Ionica Oncioiu, Anca Gabriela Petrescu, Eugenia Grecu, Marius Petrescu	Optimizing the Renewable Energy Potential: Myth or Future Trend in Romania	Energies, 10(6), 759, 2017 <a href="http://www.mdpi.com/1996-1073/10/6/759">http://www.mdpi.com/1996-1073/10/6/759</a>	5,00 x 2,676= 13,380			
39.				Ramashray Prasad	Landslide Taxonomy and Vulnerability in Eastern Bhutan	Sherub Doenme: The Research Journal of Sherubtse College, 10, 2010. <a href="http://202.144.134.241/index.php/sherub/article/view/7">http://202.144.134.241/index.php/sherub/article/view/7</a>			1,00	
40.				Singye Namgyel, Phub Gyem, R. Balamurugan, Sonam Wangmo	GNH: Values and Practices at Sherubtse College	Sherub Doenme: The Academic Journal of Sherubtse College, vol 10(1&2), 2010. <a href="http://jr.sherubtse.edu.bt/index.php/sherub/article/view/9">http://jr.sherubtse.edu.bt/index.php/sherub/article/view/9</a>			1,00	
41.				Ramashray Prasad, Sangay Dorji	Earthquake and Landslide Vulnerability; Some Selected Studies from Bhutan	The Research Journal of Sherubtse College, Vol 11, pp.23-31, 2011. <a href="http://jr.sherubtse.edu.bt/index.php/sherub/article/view/16/14">http://jr.sherubtse.edu.bt/index.php/sherub/article/view/16/14</a>			1,00	
42.				JE Tay, OS Selaman	A Study on the Rainfall and Landslides Along Sarawak Road Using the Antecedent Rainfall Analysis	Journal of Civil Engineering, Science and Technology, 2(1), 2011. <a href="http://publisher.unimas.my/ojs/index.php/JCEST/article/view/80">http://publisher.unimas.my/ojs/index.php/JCEST/article/view/80</a>			1,00	
43.				Ioana-Delia Miftode, Gheorghe Romanescu	Analysis of Flash Floods Occurred and Registered at the Darmanesti Hydrometric Station within the Uz Hydrographic Basin	3rd International Conference - Water resources and wetlands, 8-10 Sept. 2014 Tulcea, Romania; Editors: P. Găştescu, P. Bretcan; ISSN: 2285-7923, 133-140 <a href="http://www.limnology.ro/ww2016/proceedings.html">http://www.limnology.ro/ww2016/proceedings.html</a>				0,50
44.				Ioana-Delia Miftode, Gheorghe Romanescu	The spatio-temporal variability of maximum flow in the Uz hydrographical basin	Air and Water Components of the Environment, Cluj-Napoca, 125-133, 2016. <a href="https://doi.org/article/b13ff7e5f17b41f79cda4d266d9f1b74">https://doi.org/article/b13ff7e5f17b41f79cda4d266d9f1b74</a>				0,50
45.	<b>Ancuța Rotaru</b>	Quality control and remediation of contaminated soils in urban areas—some examples from Romania	Australian Journal of Basic and Applied Sciences, 2(4): 929-938, 2008	Violeta Herea	Policy and strategy for improving sustainable social development programmes	Environmental Engineering and Management Journal, 9(6): 861-868, 2010. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no6/21_6_Herea_10.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no6/21_6_Herea_10.pdf</a>	10,00 x 1,435= 14,350			
46.	<b>Ancuța Rotaru, Paulică Răileanu</b>	Groundwater contamination from waste storage works	Environmental Engineering and Management Journal, 7(6), 2008	AM Şchiopu, BM Robu, I Apostol, Maria Gavrilescu	Impact of landfill leachate on soil quality in Iasi County	Environmental Engineering and Management Journal, 8(5): 1155-1164, 2009. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol8/no5/36_007_Schiopu.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol8/no5/36_007_Schiopu.pdf</a>	5,00 x 0,885= 4,425			



47.				Gheorghe Romanescu, Ioan Cojocaru	Hydrogeological considerations on the western sector of the Danube Delta – a case study for the Caraorman and Saraturile fluvial-marine levees (with similarities for the Letea levee)	Environmental Engineering and Management Journal 9(6): 795-806, 2010. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no6/9_205_Romane scu.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no6/9_205_Romane scu.pdf</a>	5,00 x 1,435= 7,175			
48.				Violeta Herea	Policy and strategy for improving sustainable social development programmes	Environmental Engineering and Management Journal, 9(6): 861-868, 2010. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no6/21_6_Herea_10 .pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no6/21_6_Herea_10 .pdf</a>	5,00 x 1,435= 7,175			
49.				Francesca A.Sollai, Paolo Zucca, Antonio Rescigno, Emil Dumitriu, Enrico Sanjust	Sporobolomyces salmonicolor as a tool for nitrate removal from wastewaters	Environmental Engineering and Management Journal 11(8): 1455-1460, 2012. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no8/12_279_Sollai _10.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no8/12_279_Sollai _10.pdf</a>	5,00 x 1,117= 5,585			
50.				Ionuț Minea, Ion Craciun	Simulation models to evaluate the groundwater resources in the Bahlui River Basin, Romania	Journal of Environmental Protection and Ecology, 13(3): 1600–1607, 2012. <a href="https://docs.google.com/a/jepe-journal.info/viewer?a=v&amp;pid=sites&amp;srcid=amVwZS1qb3VybmFsLmluZm98amVwZS1qb3VybmFsGd4OjRiNzBjYmUyMDgxYmNjNjk">https://docs.google.com/a/jepe-journal.info/viewer?a=v&amp;pid=sites&amp;srcid=amVwZS1qb3VybmFsLmluZm98amVwZS1qb3VybmFsGd4OjRiNzBjYmUyMDgxYmNjNjk</a>	5,00 x 0,260= 1,300			
51.				G Pavelescu, L Ghervase, C Ioja, S Donțu	Spectral fingerprints of ground-water organic matter in rural areas	Romanian Reports in Physics, 65(3): 1105–1113, 2013. <a href="http://www.rrp.infim.ro/2013_65_3/A43.pdf">http://www.rrp.infim.ro/2013_65_3/A43.pdf</a>	5,00 x 1,137= 5,685			
52.				Oana-Cristina Modoi, Zoltán Török, Alexandru Ozunu, Carmen Roba	Environmental risks due to heavy metal pollution of the water resources in the area of mining waste facilities: Baia Mare area, Nord West part of Romania	Environmental Engineering and Management Journal, 13(9), 2325-2336, 2014. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no9/Full/26_348_M odoi_14.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no9/Full/26_348_M odoi_14.pdf</a>	5,00 x 1,065= 5,325			
53.				Mohammad Mahdi Azadegan, Mohammad Reza Alavi Moghaddam, Reza Maknoon	Public awareness and performance regarding nitrate pollution in nitrate-polluted area of Tehran, Iran	Environmental Engineering and Management Journal, 13(3): 611-617, 2014. <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no3/13_575_Azad egan_11.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no3/13_575_Azad egan_11.pdf</a>	5,00 x 1,065= 5,325			
54.				Andrea Farsang, Tivadar M. Tóth, Kitti Balog	Environmental risks of waste thermal water disposal: long-term effects of thermal water seepage on different soil types	Environmental Engineering and Management Journal, 14(5): 1217-1229, 2015. <a href="publicatio.bibl.u-szeged.hu/5629/1/2900132.pdf">publicatio.bibl.u-szeged.hu/5629/1/2900132.pdf</a>	5,00 x 1,008= 5,040			
55.				Li He; Wen Ze Yun; Qi Yang; Ai Li Yang; Guo He Huang; Hong Wei Lu	A fractional fuzzy simulation method for predicting dissolved toluene and oxygen concentrations in aquifers under microbial attenuation	Environmental Engineering & Management Journal, 51(8): 1801-1811, 2016. <a href="http://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15829596&amp;AN=119260391&amp;h=%2bm2fVYBeheAfF7ETzzv5TgVefEv8qytSKVsC5MFCUgqX1tYxel8%2bUeY0V7jHSmj4VwBjftUvfQ81pVKU25qZzw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNo tAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3de host%26scope%3dsite%26authtype%3dcrawler%26jrn%3d15829596%26AN%3d119260391">http://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15829596&amp;AN=119260391&amp;h=%2bm2fVYBeheAfF7ETzzv5TgVefEv8qytSKVsC5MFCUgqX1tYxel8%2bUeY0V7jHSmj4VwBjftUvfQ81pVKU25qZzw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNo tAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3de host%26scope%3dsite%26authtype%3dcrawler%26jrn%3d15829596%26AN%3d119260391</a>	5,00 x 1,096= 5,480			
56.				Max R. Lambert, Geoffrey S.J. Giller, David K Skelly, Richard G Bribiescas	Septic systems, but not sanitary sewer lines, are associated with elevated estradiol in male frog metamorphs from suburban ponds,	General and Comparative Endocrinology, 232: 109-114, Published by Elsevier, 2016. <a href="http://linkinghub.elsevier.com/retrieve/pii/S0016648016300090 ?via=sd">http://linkinghub.elsevier.com/retrieve/pii/S0016648016300090 ?via=sd</a>	5,00 x 2,585= 12,925			
57.				Anca Marina Marinov, Irina Marinov, Mihaela Amalia Diminescu	Groundwater Quality in the Proximity of a Polluted Lake: A joint Experimental-modeling Study	Environmental Engineering & Management Journal, 16(5): 1081-1091, 2017. <a href="https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15829596&amp;AN=124307122&amp;h=Ud8iSQiqQNB%2fkqYeInyir5IT4c7WAdyBdnrq0Lo75qzaiKoPFdpfSsgfG%2bGAT5uAK6uxSps9AIE%2bLRpEkx54g%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrl NotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrn%3d15829596%26AN%3d124307122">https://web.b.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=15829596&amp;AN=124307122&amp;h=Ud8iSQiqQNB%2fkqYeInyir5IT4c7WAdyBdnrq0Lo75qzaiKoPFdpfSsgfG%2bGAT5uAK6uxSps9AIE%2bLRpEkx54g%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrl NotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrn%3d15829596%26AN%3d124307122</a>	5,00 x 1,334= 6,670			
58.				Mihaela Amalia Diminescu, Anca Marina Marinov, Gabriela Elena Dumitran, Liana Ioana Vuta	Experimental Laboratory Studies on Capillary Fringe Behavior	Environmental Engineering and Management Journal, 16(3): 581-586, 2017. <a href="https://www.researchgate.net/publication/319312509_Experim ental_laboratory_studies_on_capillary_fringe_behavior">https://www.researchgate.net/publication/319312509_Experim ental_laboratory_studies_on_capillary_fringe_behavior</a>	5,00 x 1,334= 6,670			
59.				Mina Parvizishad, Arash Dalvand, Amir Hossein Mahvi, Fatemeh Goodarzi	A Review of Adverse Effects and Benefits of Nitrate and Nitrite in Drinking Water and Food on Human Health	HealthSCOPE, 6(3):e14164, 2017. doi: 10.5812/jhealthscope.14164 <a href="https://cdn.neoscriber.org/cdn/serve/313ed/ac1694cee1f235ecdb67a3006c2b62e86aab222d/healthscope-06-03-14164.pdf">https://cdn.neoscriber.org/cdn/serve/313ed/ac1694cee1f235ecdb67a3006c2b62e86aab222d/healthscope-06-03-14164.pdf</a>	5,00			
60.				Tamás Mester, György Szabó, Eva Bessenyei, Gergő Karancsi, Norbert Barkóczy, Dániel Balla	The Effects of Uninsulated Sewage Tanks on Groundwater. A Case Study in an Eastern Hungarian Settlement	Journal of Water and Land Development, 33(1), 2017. <a href="https://content.sciendo.com/view/journals/jwld/33/1/article-p123.xml">https://content.sciendo.com/view/journals/jwld/33/1/article-p123.xml</a>	5,00 x 1,07= 5,350			
61.				Edina Szekeres, Cecilia Maria Chiriac, Andreea Baricz, Tiberiu	Investigating Antibiotics, Antibiotic Resistance Genes, and Microbial	Environmental Pollution, Published by Elsevier, 236: 734-744, 2018.	5,00 x			

				Szőke-Nagy, Ildiko Lung, Maria-Loredana Soran, Knut Rudi, Nicolae Dragoş, Cristian Coman	Contaminants in Groundwater in Relation to the Proximity of Urban Areas	<a href="https://www.sciencedirect.com/science/article/pii/S0269749117343543">https://www.sciencedirect.com/science/article/pii/S0269749117343543</a>	5,714=28,570			
62.				Cristina L. Popa, Petre Bretcan, Cristiana Rădulescu, Dănuţ Tanislav, Simona I. Dontu, Ioana-Daniela Dulama	Spatial distribution of groundwater quality in connection with the surrounding land use and anthropogenic activity in rural areas	Acta Montanistica Slovaca, 24(2), 2019, 73-87. <a href="https://actamont.tuke.sk/pdf/2019/n2/1popa.pdf">https://actamont.tuke.sk/pdf/2019/n2/1popa.pdf</a>	5,00 x 0,938=4,690			
63.				Doru Bănăduc, Michael Joy, Horea Olosutean, Sergey Afanasyev, Angela Curtean-Bănăduc	Natural and Anthropogenic Driving Forces as Key elements in the Lower Danube Basin–South-Eastern Carpathians–North-Western Black Sea Coast Area Lakes: A Broken Stepping Stones for Fish in a Climatic Change Scenario?	Environmental Sciences Europe, 32, Published by Springer Open, 2020. <a href="https://doi.org/10.1186/s12302-020-00348-z">https://doi.org/10.1186/s12302-020-00348-z</a>	5,00 x 6,210 31,050			
64.				F.Pinakidou, M.Katsikini, E.C. Paloura	Immobilization of Pb in Vitrified and Devitrified Industrial Wastes: Evaluation of Structural Stability Using XAFS Spectroscopies	Journal of Non-Crystalline Solids, Vol.563, July 2021, 120804 <a href="https://www.sciencedirect.com/science/article/abs/pii/S0022309321001630">https://www.sciencedirect.com/science/article/abs/pii/S0022309321001630</a>	5,00 x 2,929=14,645			
65.				D. Balla, M. Zichar, E. Kiss, G. Szabó, T Mester	Possibilities for Assessment and Geovisualization of Spatial and Temporal Water Quality Data Using a WebGIS Application.	ISPRS International Journal of Geo-Information, Special Issue "Recent Advances in Web GIS Architectures and Applications", 2022. <a href="https://www.mdpi.com/2220-9964/11/2/108">https://www.mdpi.com/2220-9964/11/2/108</a>	5,00 x 2,899=14,495			
66.				J.N. Ugbebor, U.B. Ntesat	Effects of Septic Tank Proximity to Boreholes on groundwater contamination at Igwuruta, Rivers State, Nigeria	International Journal of Engineering Science (IJES), 11(4), 10-17, 2022 <a href="https://www.theijes.com/papers/vol11-issue4/B1104011017.pdf">https://www.theijes.com/papers/vol11-issue4/B1104011017.pdf</a>	5,00 x 8,843=44,215			
67.				F. Mchiouer, H.E. Ouarghi, Y. Elyousfi, M. Abourrich	Hygienic Quality Assessment of Well and Spring Water: A Case Study of the Region of Al-Hoceima (Morocco Northern)	Environmental Engineering and Management Journal 21(3), pp. 353-364 <a href="http://www.eemj.icpm.tuiasi.ro/pdfs/vol21/no3/2_143_Mchiouer_21.pdf">http://www.eemj.icpm.tuiasi.ro/pdfs/vol21/no3/2_143_Mchiouer_21.pdf</a>	5,00 x 0,916=4,580			
68.				Talieh Abdolkhaninezhad, Monavari Masoud, Khorasani Nematollah, Robati Maryam, Farsad Forogh	Analysis Indicators of Health-Safety in the Risk Assessment of Landfill with the Combined Method of Fuzzy Multi-Criteria Decision Making and Bow Tie Model	Sustainability, 14(22):154652022, Published by MDPI, 2022 <a href="https://doi.org/10.3390/su142215465">https://doi.org/10.3390/su142215465</a>	5,00 x 3,889=19,445			
69.				V.V. Sasane, S.N.Lohote	Assessment of Groundwater Quality around Solid Waste Dumping Site at Uruli Devachi, Pune, Maharashtra	International Journal for Research in Technological Studies, ISSN: - Applied (Online) Vol-1, Issue - 1, Dec 2013. <a href="http://www.ijrts.com/downloads/130101002.pdf">http://www.ijrts.com/downloads/130101002.pdf</a>			1,00	
70.				Fatin Samara, Tarig A. Ali, Jenny Haverila, Sandra Knuteson	Investigation of Fecal Contamination of Groundwater and Surface Water at Al Wasit Nature Reserve, Sharjah, United Arab Emirates	Asian Journal of Microbiology, Biotechnology and Environmental Sciences 18(1): 35-45, 2016. <a href="https://www.researchgate.net/publication/298286463_Investigation_of_Fecal_Contamination_of_Groundwater_and_Surface_Water_at_Al_Wasit_Nature_Reserve_Sharjah_United_Arab_Emirates">https://www.researchgate.net/publication/298286463_Investigation_of_Fecal_Contamination_of_Groundwater_and_Surface_Water_at_Al_Wasit_Nature_Reserve_Sharjah_United_Arab_Emirates</a>			1,00	
71.				Mohsen Azizi, Abbas Khashei, Mehdi Dastoran	Evaluation of Groundwater Pollution Caused by Leakage of Leachate Produced Landfill Using Numerical Model	Journal of Research in Environmental Health, 3(3) - Serial Number 11:187-197, 2018 <a href="http://jreh.mums.ac.ir/article_10148.html">http://jreh.mums.ac.ir/article_10148.html</a>			1,00	
72.				Janneth Torres-Agredo, Alejandra Narváez-Legarda, Robert Sánchez-Cano, Luisa Fernanda Mosquera-Idrobo	Vitrification Process to Stabilize a Smelting Slag: Preliminary Study	Ingeniería y competitividad, 24(2), 2022 – DOI: 10.25100/iy.v24i2.11333 <a href="https://revistaingenieria.univalle.edu.co/index.php/ingenieria_y_competitividad/%20article/view/11333">https://revistaingenieria.univalle.edu.co/index.php/ingenieria_y_competitividad/%20article/view/11333</a>			1,00	
73.				Purity Kirori, Vivienne Matiru, Joseph Mutai	Factors Associated with Bacterial Contamination of Shallow Well Water Sources. Case Study of Juja Hostels Kiambu County	Journal of Agriculture, Science and Technology, 21(4), 2022 <a href="https://www.ajol.info/index.php/jags/article/view/233671">https://www.ajol.info/index.php/jags/article/view/233671</a>			1,00	
74.				Jeyaragash Danaraj, Uthirakrishnan Ushani, Sybiya Vasantha Packiavathy, Jeba Sweetly Dharmadhas, Tamilarasan Karuppiyah, S. Anandha Kumar, E. S. Aooj	Climate Change Impacts of Nitrate Contamination on Human Health	Climate Change Impacts of Nitrate Contamination on Human Health. In: Climate Change Impact on Groundwater Resources, Panneerselvam, B., Pande, C.B., Muniraj, K., Balasubramanian, A., Ravichandran, N. (eds), pp 257–278, Springer, Cham, 2022 <a href="https://link.springer.com/chapter/10.1007/978-3-031-04707-7_14">https://link.springer.com/chapter/10.1007/978-3-031-04707-7_14</a>			1,00	
75.				Camelia Elena Luchian, Andreea Popîrdă, Lucia Cintia Colibaba, Ana Georgiana Popa, Cristina Elena Scuturaşu, Liliana Rotaru, Valeriu V. Cotea	Quantitative Determination of Heavy Metal in Water and Sediment from Lakes in North Moldova, Romania	E-Health and Bioengineering Conference, Iasi, Romania, pp.1-4, 2019. <a href="https://ieeexplore.ieee.org/document/8969910/authors">https://ieeexplore.ieee.org/document/8969910/authors</a>				0,50

76.				Daniel Boicu, Ionuț Minea	A method of Correlating Groundwater Levels with Precipitation	International Scientific Conference GEOBALCANICA, pp.3-14, 2021. <a href="http://geobalcanica.org/wp-content/uploads/GBP/2021/GBP_2021_01.pdf">http://geobalcanica.org/wp-content/uploads/GBP/2021/GBP_2021_01.pdf</a>				0,50
77.				Ana M. Petrovic, Vesna Djukic, Boris Radic	Hydrological Modelling of the Toplica Watershed in Addressing New Challenges of Flood Risk Assessment	International Scientific Conference GEOBALCANICA, pp.29-35, 2021. <a href="http://geobalcanica.org/wp-content/uploads/GBP/2021/GBP_2021_03.pdf">http://geobalcanica.org/wp-content/uploads/GBP/2021/GBP_2021_03.pdf</a>				0,50
78.	Ancuța Rotaru	Geoenvironmental issues concerning the Black Sea basin	International Journal of Energy and Environment, 2010	G. Lericolais, J. Bourget, I. Popescu, P. Jermannaud, T. Mulder, S. Jorry, N. Panin	Late Quaternary Deep-sea Sedimentation in the Western Black Sea: New Insights from Recent Coring and Seismic Data in the Deep Basin	Global and Planetary Change, 103: 232–247, Published by Elsevier, ISSN: 0921-8181, 2013. <a href="http://www.sciencedirect.com/science/article/pii/S0921818112000677">http://www.sciencedirect.com/science/article/pii/S0921818112000677</a>	10,00 x 4,243= 42,430			
79.				Hakan Çınar, Hamdi Alkan	Crustal S-wave Structure beneath Eastern Black Sea Region Revealed by Rayleigh-wave Group Velocities	Journal of Asian Earth Sciences, 115: 273-284 Published by Elsevier, 2016. <a href="http://www.sciencedirect.com/science/article/pii/S1367912015301218">http://www.sciencedirect.com/science/article/pii/S1367912015301218</a>	10,00 x 2,763= 27,630			
80.				Serafeim E.Poulos	The Mediterranean and Black Sea Marine System: An Overview of Its Physico-geographic and Oceanographic Characteristics	Earth-Science Reviews, Vol. 200, Elsevier, January 2020 <a href="https://www.sciencedirect.com/science/article/pii/S0012825219306348">https://www.sciencedirect.com/science/article/pii/S0012825219306348</a>	10,00 x 9,530= 95,300			
81.				Gilles Lericolais, Julien Bourget, Stephan Jorry, Irina Popescu, Victor Abreu, Gwenaël Jouannic, Germain Bayon	The “Sink” of the Danube River Basin: The Distal Danube Deep-Sea Fan	GCS 032. New Understanding of the Petroleum Systems of Continental Margins of the World: 32nd Annual, GCSSEPM Foundation Bob F. Perkins Research Conference, 32: 701-735. Edited by Norman C. Rosen, Paul Weimer, Sylvia Maria Coutes dos Anjos, Sverre Henrickson, Edmundo Marques, Mike Mayall, Richard Fillon, Tony D'Agostino, Art Saller, Kurt Campion, Tim Huang, Rick Sarg, and Fred Schroeder, ISSN: 1544-2462, 2012. <a href="https://archimer.ifremer.fr/doc/00316/42695/42273.pdf">https://archimer.ifremer.fr/doc/00316/42695/42273.pdf</a>				1,00
82.				Daniela Laura Buruiana, Viorica Ghisman, Cristian Dragos Obreja	Microplastic Pollution In The Aquatic Environment, Applying A Case Study: Lower Danube-Black Sea Area - A Review	39th MILAN International Conference on “Advances in Science, Engineering & Technology” (MASET-22) Milan (Italy) March 14-16, 2022, ISBN-978-989-53228-8-6.				1,00
83.	Ancuța Rotaru, Vasile Boboc	A material used in substructure and roadworks: physical characteristics of Pozzolana fly ash from thermal power plant of Iasi, Romania	WSEAS Transactions on Environment and Development, pp. 427–436, 2010 (ISSN: 1790-5079)	Neha Shreya, Bruno Valentim, Biswajit Paul, Alexandra Guedes, Sílvia Pinho, Joana Ribeiro, Colin R.Ward, Deolinda Flores	Multi-technique Study of Fly Ash from the Bokaro and Jharia coalfields (Jharkhand State, India): A Contribution to Its Use As a Geoliner	International Journal of Coal Geology 152: 25–38, Published by Elsevier, 2015. <a href="https://www.researchgate.net/publication/284183204_Multi-technique_study_of_fly_ash_from_the_Bokaro_and_Jharia_coalfields_Jharkhand_state_India_A_contribution_to_its_use_as_a_geoliner">https://www.researchgate.net/publication/284183204_Multi-technique_study_of_fly_ash_from_the_Bokaro_and_Jharia_coalfields_Jharkhand_state_India_A_contribution_to_its_use_as_a_geoliner</a>	5,00 4,091= 20,455			
84.				Rouba A. Joumblat, Zaher Al Basiouni Al Masri, Joseph Absi, Adel ElKordi	Investigation of Using Municipal Solid Waste Incineration Fly Ash As Alternative Aggregates Replacement in Hot Mix Asphalt	Road Materials and Pavement Design, May 2022 <a href="https://doi.org/10.1080/14680629.2022.2071756">https://doi.org/10.1080/14680629.2022.2071756</a> <a href="https://www.tandfonline.com/doi/abs/10.1080/14680629.2022.2071756">https://www.tandfonline.com/doi/abs/10.1080/14680629.2022.2071756</a>	5,00 x 3,792= 18,960			
85.				M.W. Heyns, M. Mostafa Hassan	South Africa Class F Fly Ash for Roads: Physical and Chemical Analysis	Interim: Interdisciplinary Journal, 12(3): 28–41 <a href="https://journals.co.za/toc/interim/12/3">https://journals.co.za/toc/interim/12/3</a>			0,50	
86.	Ancuța Rotaru, Vasile Boboc, Nicolae Țăranu, Monther Abdelhadi, Andrei Boboc, Oana-Mihaela Banu	The compressive behaviour of aggregates cemented with fly ash collected from coal-fired power plants	Revista romana de materiale-Romanian journal of materials 49(1): 141-147, 2019	Adrian Volceanov, Enikő Volceanov, Cosmin Mărculescu	Influența adaosului de cenușă de plop și cenușă de salcie asupra proprietăților mortarului de tencuială, Influence of poplar ash and willow ash admixture on plastering mortar properties	Revista romana de materiale-Romanian Journal of Materials, 49(4): 591-600, 2019. <a href="http://solacolu.chim.upb.ro/pg591-600.pdf">http://solacolu.chim.upb.ro/pg591-600.pdf</a>	1,66 x 0,628= 1,042			
87.				Fakhryna Hannanee Ahmad Zaidi, Romisuhani Ahmad, Mohd Mustafa Al Bakri Abdullah, Shayfull Zamree Abd Rahim, Zarina Yahya, Long Yuan Li, Ratna Ediat	Geopolymer As Underwater Concreting Material: A Review	Construction and Building Materials, 291: 123276, 2021 <a href="https://www.sciencedirect.com/science/article/abs/pii/S0950061821010369">https://www.sciencedirect.com/science/article/abs/pii/S0950061821010369</a> <a href="https://www.sciencedirect.com/journal/construction-and-building-materials/vol/291/suppl/C">https://www.sciencedirect.com/journal/construction-and-building-materials/vol/291/suppl/C</a>	2,50 x 4,419= 11,048			
88.	Monther Abdelhadi, Ancuța Rotaru, Maria Gavrilăscu, Nicolae Țăranu	Compressive strength analysis on problematic soils stabilized with fly ash in Jordan	Environmental Engineering & Management Journal, 17(8): 1855-1861	Vladana N. Rajakovic-Ognjanovic, Milica Karanac, Jasna Smolar, Ana Petkovsek, Maja Dolic, Jovan Despotovic	Use of up-flow percolation test to assess the environmental properties of raw and treated fly ash	Environmental Engineering & Management Journal, 18(8): 1781-1788, 2019. <a href="http://eemj.eu/index.php/EEMJ/article/view/3935/3873">http://eemj.eu/index.php/EEMJ/article/view/3935/3873</a>	2,50 x 1,186= 2,965			
89.				Dorina Stănculescu, Carmen Zaharia	Process Water Treatment in a Thermal Power Plant: Characteristics and Sediment/Sludge Disposal	Environmental Engineering & Management Journal, 19(2): 255-267, 2020. <a href="https://scholar.google.com/scholar?oi=bibs&amp;hl=en&amp;cites=14750187506183316388&amp;as_sdt=5&amp;as_ylo=2020&amp;as_yhi=2020">https://scholar.google.com/scholar?oi=bibs&amp;hl=en&amp;cites=14750187506183316388&amp;as_sdt=5&amp;as_ylo=2020&amp;as_yhi=2020</a>	2,50 x 1,186= 2,965			
90.				Fakhryna Hannanee Ahmad Zaidi, Romisuhani Ahmad, Mohd Mustafa Al Bakri Abdullah, Shayfull Zamree Abd Rahim, Zarina Yahya, Long Yuan Li, Ratna Ediat	Geopolymer As Underwater Concreting Material: A Review	Construction and Building Materials, 291: 123276, 2021 <a href="https://www.sciencedirect.com/science/article/abs/pii/S0950061821010369">https://www.sciencedirect.com/science/article/abs/pii/S0950061821010369</a> <a href="https://www.sciencedirect.com/journal/construction-and-building-materials/vol/291/suppl/C">https://www.sciencedirect.com/journal/construction-and-building-materials/vol/291/suppl/C</a>	2,50 x 4,419= 11,048			



91.				Wesam Salah Alaloul, Marsail Al Salaheen, Ahmad B. Malkawi, Khalid Alzubi, Abdulnaser M. Al-Sabaei, Muhammad Ali Musarat	Utilizing of Oil Shale Ash As a Construction Material: A Systematic Review	Construction and Building Materials, 299, September 2021 <a href="https://www.sciencedirect.com/science/article/abs/pii/S0950061821016044">https://www.sciencedirect.com/science/article/abs/pii/S0950061821016044</a>	2,50 x 6,141= 15,353			
92.				Chenglin Shi, Zijian Shi	Investigation on the Properties of Concrete Containing Oil Shale Waste Ash as a Substitute for Cement	Advances in Civil Engineering, vol. 2022, Article ID 4024270, 20 pages, 2022. <a href="https://doi.org/10.1155/2022/4024270">https://doi.org/10.1155/2022/4024270</a>	2,50 x 1,924= 4,810			
93.	<b>Ancuța Rotaru</b>	Some geo-aspects of the Black Sea basin	Proceedings of the 3rd International Conference on Environmental and Geological Science and Engineering, 169–174, 2010	Florin Onea, Alina Raileanu, Eugen Rusu	Evaluation of the Wind Energy Potential in the Coastal Environment of Two Enclosed Seas	Advances in Meteorology, Vol.2015, art no.808617 <a href="https://doi.org/10.1155/2015/808617">https://doi.org/10.1155/2015/808617</a> <a href="https://www.hindawi.com/journals/amete/2015/808617/">https://www.hindawi.com/journals/amete/2015/808617/</a>	10,00 x 1,220= 12,200			
94.				Ionică Oncioiu, Anca Gabriela Petrescu, Eugenia Grecu, Marius Petrescu	Optimizing the Renewable Energy Potential: Myth or Future Trend in Romania	Energies, 10(6), 759, 2017. <a href="http://www.mdpi.com/1996-1073/10/6/759">http://www.mdpi.com/1996-1073/10/6/759</a>	10,00 x 2,676= 26,760			
95.				Ioana Delia Miftode, Gheorghe Romanescu	The Spatio-temporal Variability of Maximum Flow in the Uz Hydrographical Basin	Air and Water Components of the Environment, Cluj-Napoca, pp.125-133, 2016. <a href="https://doaj.org/article/b13ff7e5f17b41f79cda4d266d9f1b74">https://doaj.org/article/b13ff7e5f17b41f79cda4d266d9f1b74</a>				1,00
96.	Vasile Boboc, <b>Ancuța Rotaru</b> , Andrei Boboc	A material for substructure and road works: Mechanical characteristics of pozzolana fly ash from thermal power plant of Iasi, Romania	WSEAS Transactions on Environment and Development 6(6): 437-446	Neha Shreya, Bruno Valentim, Biswajit Paul, Alexandra Guedes, Sílvia Pinho, Joana Ribeiro, Colin R. Ward, Deolinda Flores	Multi-technique Study of Fly Ash from the Bokaro and Jharia Coalfields (Jharkhand State, India): A Contribution to Its Use As a Geoliner	International Journal of Coal Geology, 152(PART B):25-38, 2015. DOI: <a href="https://doi.org/10.1016/j.coal.2015.10.006">10.1016/j.coal.2015.10.006</a> <a href="https://www.sciencedirect.com/science/article/abs/pii/S0166516215300653">https://www.sciencedirect.com/science/article/abs/pii/S0166516215300653</a> ; <a href="https://www.academia.edu/18688481/Multi-technique_study_of_fly_ash_from_the_Bokaro_and_Jharia_coalfields_Jharkhand_state_India_A_contribution_to_its_use_as_a_geoliner">https://www.academia.edu/18688481/Multi-technique_study_of_fly_ash_from_the_Bokaro_and_Jharia_coalfields_Jharkhand_state_India_A_contribution_to_its_use_as_a_geoliner</a>	3,33 x 4,091= 13,623			
97.				Virendra Kumar Yadav, Madhusudan Hiranman Fulekar	Advances in Methods for Recovery of Ferrous, Alumina, and Silica Nanoparticles from Fly Ash Waste	Ceramics, 3, 384-420, 2020. <a href="https://doi.org/10.3390/ceramics3030034">https://doi.org/10.3390/ceramics3030034</a>	3,33 x 3,830= 12,754			
98.				Mihai Cruceru, Luminita Popescu, Cristinel Popescu, Cristinel Racoceanu	Possible Uses of Fossil Fuel Combustion Waste in Building Materials Industry	Latest Advances in Biology, Environment and Ecology, ISBN: 978-1-61804-097-8, Proceedings of the 1st International Conference on Health Science and Biomedical Systems, Iasi, Romania, June 2012. <a href="https://www.researchgate.net/profile/Mihai_Cruceru/publication/267228835_Possible_uses_of_fossil_fuel_combustion_waste_in_building_materials_industry/links/56f8135708ae38d710a25c48/Possible-uses-of-fossil-fuel-combustion-waste-in-building-materials-industry.pdf">https://www.researchgate.net/profile/Mihai_Cruceru/publication/267228835_Possible_uses_of_fossil_fuel_combustion_waste_in_building_materials_industry/links/56f8135708ae38d710a25c48/Possible-uses-of-fossil-fuel-combustion-waste-in-building-materials-industry.pdf</a>				0,33
99.	Andrei Boboc, <b>Ancuța Rotaru</b> , Vasile Boboc, Gupinath Bhandari	An Approach to Identify the Impact of Human Intervention on Major Defects in Road Design, Construction and Maintenance	Advanced Engineering Forum, 21: 327-334, Trans Tech Publications, 2017	Nancy J. White, Sigita Mitkus	Liability of the Entity Capable of Detecting a Defect of Construction Works: A Comparative Study of the US and the Republic of Lithuania	Business, Management and Education, 16(1): 174-189, ISSN / eISSN: 2029-7491 / 2029-6169, 2018. <a href="https://www.researchgate.net/publication/327878862_Liability_of_the_entity_capable_of_detecting_a_defect_of_construction_works_a_comparative_study_of_the_US_and_the_republic_of_Lithuania">https://www.researchgate.net/publication/327878862_Liability_of_the_entity_capable_of_detecting_a_defect_of_construction_works_a_comparative_study_of_the_US_and_the_republic_of_Lithuania</a>	2,50			
100.	Smita Tung, Kaustuv Bhattacharya, Gupinath Bhandari, Sibapriya Mukherjee, <b>Ancuța Rotaru</b> , Vasile Boboc	Stability Analysis of the Earth Embankments Subjected to Natural Cyclic Processes	Advanced Engineering Forum, 21: 389-396, Trans Tech Publications, 2017.	Mehedi Ansary, A.B.M. Tausif Ullah Chy, Saurav Barua	Effectiveness of Geogrid for Protecting Polder in Sundarban Coastal Region	Advanced Engineering Forum, 28: 96-111, Trans Tech Publications, Switzerland, 2018. <a href="https://doi.org/10.4028/www.scientific.net/AEF.28.96">https://doi.org/10.4028/www.scientific.net/AEF.28.96</a> <a href="https://www.researchgate.net/publication/325931265_Effectiveness_of_Geogrid_for_Protecting_Polder_in_Sundarban_Coastal_Region">https://www.researchgate.net/publication/325931265_Effectiveness_of_Geogrid_for_Protecting_Polder_in_Sundarban_Coastal_Region</a>			0,33	
101.				Alireza Hajiani Boushehrian; Azadeh Rezaee; Arash Vafamand	Studying the Effect of Horizontal Drains on Stability of Heterogeneous and Homogeneous Earth Dams during Rapid Drawdown Condition	Journal of the Structural Engineering and Geotechnics, 7(1), 2017: 31-45 <a href="http://www.qjseg.ir/article_532436.html">http://www.qjseg.ir/article_532436.html</a>			0,33	
102.	<b>Ancuța Rotaru</b> , Daniel Oajdea, Paică Răileanu	Dynamics of a Landslide Surface	WSEAS, Environmental Problems and Development, 2008	V Arad, S Arad, O Băraic, L Radermacher	The Stability aAnalysis of the Civil Engineering from Oltenia Mining Area	International Journal of Geology, 3(7), 2013, Edited by NAUN <a href="http://www.naun.org/main/NAUN/geology/c012004-105.pdf">http://www.naun.org/main/NAUN/geology/c012004-105.pdf</a>			0,67	
103.	<b>Ancuța Rotaru</b> , Vasile Boboc	Physical Properties of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania– A Cement-like Material for Substructure Works	Proceedings of the International Conference on Risk, 2010	Cătălina Mihaela Helepiciu (Gradinaru), Marinela Bărbuță, Ciocan Vasilică, Șerbănoiu Adrian Alexandru, Andrei Cristian Grădinaru	Health and Environmental Effects of Heavy Metals Resulted from Fly Ash and Cement Obtaining and Trials to Reduce Their Pollutant Concentration by a Process of Combining-exclusion	International Multidisciplinary Scientific GeoConference: Surveying Geology & Mining Ecology Management (SGEM), 17: 441-447, Sofia, 2017. <a href="https://search.proquest.com/openview/bf90ac3233e145b6e89bda1eda12d759/1?pq-origsite=gscholar&amp;cbl=1536338">https://search.proquest.com/openview/bf90ac3233e145b6e89bda1eda12d759/1?pq-origsite=gscholar&amp;cbl=1536338</a>		1,25		
104.				Neha Shreya	Compaction and Hydraulic Conductivity Analysis of Fly ash of B.T.P.S. for the construction of a Natural Geoliner	The 5th international groundwater conference - On the assessment and management of groundwater resources in hard rock systems with special reference to basaltic terrain, Aurangabad (India), INIS 45(32), IGWC Groundwater Research Series 5 (III), December 2012.				0,50

						<a href="https://www.researchgate.net/publication/285925873_Compaction_and_Hydraulic_Conductivity_Analysis_of_Fly_ash_of_BT_PS_for_the_construction_of_a_Natural_Geoliner">https://www.researchgate.net/publication/285925873_Compaction_and_Hydraulic_Conductivity_Analysis_of_Fly_ash_of_BT_PS_for_the_construction_of_a_Natural_Geoliner</a>				
105.	Vasile Boboc, <b>Ancuța Rotaru</b> , Andrei Boboc	Mechanical Properties of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania—A Cement-like Material for Substructure Works	WSEAS, Proceedings of the International Conference on Risk Management, Assessment and Mitigation, 2010	Cătălin Badea	The Time Behavior of Self Compacting Concrete with Fly Ash	International Multidisciplinary Scientific GeoConference: Surveying Geology & Mining Ecology Management (SGEM), 17: 441-447, Sofia, 2017. <a href="https://search.proquest.com/openview/67170cfe4499be82b42d6e0d12044c55/1?pg-origsite=gscholar&amp;cbl=1536338">https://search.proquest.com/openview/67170cfe4499be82b42d6e0d12044c55/1?pg-origsite=gscholar&amp;cbl=1536338</a>		0,83		
106.				Viremdra Kumar Yadav, Madhusudan Hiranman Fulekar	Advances in Methods for Recovery of Ferrous, Alumina, and Silica Nanoparticles from Fly Ash Waste	Ceramics, 3: 384-420, 2020 <a href="https://www.mdpi.com/2571-6131/3/3/34">https://www.mdpi.com/2571-6131/3/3/34</a>			0,67	
107.	Costel Pleșcan, <b>Ancuța Rotaru</b>	Aspects Concerning the Improvement of Soils against Liquefaction	Buletinul Institutului Politehnic din Iași, Univ Tehnică „Gheorghe Asachi” din Iași, Tomul LVI (LX), Fasc. 3, Secția C-ții. Arh, 39-45	Sanaz Sayehvand, Behzad Kalantari	Use of Grouting Method to Improve Soil Stability Against Liquefaction —A Review	Electronic Journal of Geotechnical Engineering, 17(K): 1559-1566, 2012, ISSN 1089-3032 <a href="http://www.ejge.com/2012/JourTOC17K.htm">http://www.ejge.com/2012/JourTOC17K.htm</a>			1,00	
108.				Hamed Kharrazi, Mohammad Sadra Rajabi	A Review on Grouting Techniques and Studying Its Application in Xiang'an Subsea Tunnel	The 1st International Conference on Civil Engineering, Architecture & Urban Regeneration, September 13, 2019, Teheran, Iran <a href="https://www.researchgate.net/publication/335527765_A_review_on_grouting_techniques_and_studying_its_application_in_Xiang'an_subsea_tunnel">https://www.researchgate.net/publication/335527765_A_review_on_grouting_techniques_and_studying_its_application_in_Xiang'an_subsea_tunnel</a>				0,50
109.	Giovanni Zanvettor, Marinela Barbuță, <b>Ancuța Rotaru</b> , Liliana Bejan	Tensile Properties of Green Polymer Concrete	Procedia Manufacturing Volume 32: 248-252, Published by Elsevier B.V., 2019	Yosra Tammam, Mucteba Uysal, Orhan Canpolat	Effects of Alternative Ecological Fillers on the Mechanical, Durability, and Microstructure of Fly Ash-based Geopolymer Mortar	European Journal of Environmental and Civil Engineering, May 2021, Taylor & Francis Online <a href="https://doi.org/10.1080/19648189.2021.1925157">https://doi.org/10.1080/19648189.2021.1925157</a>	2,50 x 2,516= 6,290			
110.				Andi Prasetyo Wibowo, Messaoud Saidani, Morteza Khorami, Mark Tyrer	Fly Ash and Silica in Expanded Polystyrene Concrete: Finding the Research Gap	Advances in Civil Engineering Materials - Selected Articles from 4th International Conference on Architecture and Civil Engineering, Kuala Lumpur, Malaysia, August 19, 2020. <a href="https://link.springer.com/chapter/10.1007%2F978-981-33-6560-5_32">https://link.springer.com/chapter/10.1007%2F978-981-33-6560-5_32</a>			0,50	
111.				Hasan Polat, Meral Ortulu, Ibrahim Alameri	Effect of Adding Polyamide Fiber on the Properties of Polymer Composites	MAS International congress on mathematics-engineering-natural&medical sciences-v, Editors Zeynep AKAR Tolga ÖZBİLEN, Institute Of Economic Development and Social Researches, IKSAD Publishing House, ISBN - 978-605-7875-67-9, Erzurum, Turkey, May 2-5, 2019. <a href="https://2793ed39-269b-4a6e-bfbb-1dd53eb9ddcb.filesusr.com/ugd/614b1f_0ab3f84472ab4035855991c08a5a25e7.pdf">https://2793ed39-269b-4a6e-bfbb-1dd53eb9ddcb.filesusr.com/ugd/614b1f_0ab3f84472ab4035855991c08a5a25e7.pdf</a>				0,25
112.	<b>Ancuța Rotaru</b> , Paulică Răileanu	The Importance of Hydrogeological Analyses of Groundwater Behaviour in the Slope Stability Analyses	„Ovidius” University Anals, Constanța, Civil Engineering Series	SK Goyal, AK Narula, BS Chaudhary	Changes in Regional Groundwater Flow Directions Due to Over-exploitation and Its Impact on Quality in an Agriculture Dominated Area	International Symposium on Regional Groundwater Flow: Theory, Applications and Future Development 21-23 June 2013 Xi'an, China <a href="https://scholar.google.com/scholar?oi=bibs&amp;hl=en&amp;cites=18072874220368013775&amp;as_sdt=5&amp;as_ylo=2013&amp;as_yhi=2013">https://scholar.google.com/scholar?oi=bibs&amp;hl=en&amp;cites=18072874220368013775&amp;as_sdt=5&amp;as_ylo=2013&amp;as_yhi=2013</a>				0,50
113.	<b>Ancuța Rotaru</b>	Landslides Triggered in Hard Soils and Soft Rocks in Romania	15th European Conference on Soil Mechanics and Geotechnical Engineering - Geotechnics of Hard Soils – Weak Rocks, Athens, Greece, 2011, 1383 – 1387	Xiaodong Fu, Yuxiang Du, Qian Sheng	Geo-engineering Descriptions and Damage Characteristics Assessment for Xigeda Formation, Yunnan Province, China	Environmental Earth Sciences, 80, Article no: 670, 2021, Springer Online <a href="https://link.springer.com/article/10.1007/s12665-021-09982-z">https://link.springer.com/article/10.1007/s12665-021-09982-z</a>	10,00 x 2,784= 27,840			
114.				Xiaodong Fu, Yuxiang Du, Qian Sheng, Zhenping Zhang, Juehao Huang	Influences of Water on the Microstructure and Mechanical Behavior of the Xigeda Formation	Bulletin of Engineering Geology and the Environment, 81(72), 2022 <a href="https://doi.org/10.1007/s10064-022-02567-5">https://doi.org/10.1007/s10064-022-02567-5</a>	10,00 x 4,298= 42,980			
115.	Elmalyh Sanaa, Azzeddine Bouyahyaoui, Toufik Cherradi, <b>Ancuța Rotaru</b> , Petru Mihai	In-Plane Shear Behavior of Unreinforced Masonry Walls Strengthened with Fiber Reinforced Polymer Composites	Advances in Science, Technology and Engineering Systems, 5(2), 2020: 360–367	Seung-Hwan Son, Jae-Hyoung An, Jun-Hyeok Song, Yu-Sik Hong, Hye-Sook Jang, Hee-Chang Eun	In-Plane Strengthening of Unreinforced Masonry Walls by Glass Fiber-Reinforced Polyurea	Civil Engineering Journal (E-ISSN: 2476-3055; ISSN: 2676-6957), 7(12), December, 2021 <a href="https://www.civilejournal.org/Guideline/12th%20Issue%20(2021).pdf">https://www.civilejournal.org/Guideline/12th%20Issue%20(2021).pdf</a>	2,00 x 2,081= 4,162			
116.	Marinela Bărbuță, <b>Ancuța Rotaru</b> , Traian-Dănuț Babor	Mechanical Characteristics of Polymer Concrete with Different Waste Replacements	Critical Thinking in Sustainable Rehabilitation and Risk Management of the Built Environment, 2020:200-206, Springer, Cham	Hoe Young Choi, Sung-Ho Bae, Se-Jin Choi, Haye Min Ko	Synthesis of catechol-conjugated Chitosan and Its Application As an Additive for Cement Mortar	Bulletin of The Korean Chemical Society, Seoul and Wiley-VCH GmbH, Weinheim, Editor: Wonwoo Nam, Wiley Online Library, December 2021. <a href="https://onlinelibrary.wiley.com/doi/10.1002/bkcs.12447">https://onlinelibrary.wiley.com/doi/10.1002/bkcs.12447</a>	3,33 x 0,969= 3,227			
117.	<b>Ancuța Rotaru</b> , Florin Bejan, Dalia Almohamad	Sustainable Slope Stability Analysis: A Critical Study on Methods	Sustainability, 14(14), 2022:8847	Mehmet Salih Keskin, Sedat Kezer	Stability of MSW Landfill Slopes Reinforced with Geogrids	Applied Science, 12(22), 11866, 2022. <a href="https://www.mdpi.com/2076-3417/12/22/11866">https://www.mdpi.com/2076-3417/12/22/11866</a>	3,33 x 2,838= 9,450			
118.	Alexandru Timu, G. Bejan, Gavril Soso, Barinela Bărbuță, <b>Ancuța Rotaru</b>	Mechanical Characteristics of Lightweight Concretes Obtained by	International Scientific Conference CIBv,	Sabina Scripca, Gabriel Bejan, Marinela Bărbuță, Liliana Bejan	Characterization of Lightweight Concrete with Chopped Plastic Bottles	The 15th International Conference Interdisciplinarity in Engineering, Conference Proceedings, pp 100-109, Book Series: Lecture Notes in Networks and Systems,				0,20

		Aggregate Replacement	Brasov, România, Nov 2-3, 2018.			Liviu Moldovan, Adrian Gligor (Eds), Springer International Publishing, ISBN: 978-3-030-93816-1 <a href="https://www.springerprofessional.de/en/characterization-of-lightweight-concrete-with-chopped-plastic-bo/20094548">https://www.springerprofessional.de/en/characterization-of-lightweight-concrete-with-chopped-plastic-bo/20094548</a>				
TOTAL							873,452	3,74	20,70	9,76
							907,652			

### 3.2 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale (keynote-speaker) și Profesor invitat pentru a susține module de curs/prelegeri (exclusiv ERASMUS)

Punctaj unic pentru fiecare activitate (maxim 10 activități pentru Profesor; maxim 5 activități pentru Conferențiar)

Selecție

Nr. crt.	Manifestarea științifică	Unde și cand a avut loc manifestarea științifică	Titlul prezentării	Autorii lucrării/prezentării	Inter naționale	Naționale
1.	Sesiunea de Comunicări Științifice TEHNOMIL 2001	Academia Forțelor Terestre, Sibiu, 27 aprilie 2001	1) Asupra posibilităților de protecție a apei subterane și folosirea ei în scopuri ecologice	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru		5,00
			2) Depozite geotehnice de adâncime pentru stocarea deșeurilor nucleare	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru		5,00
2.	Conferința Tehnico-științifică Internațională “Probleme actuale ale urbanismului și amenajării teritoriului”	Universitatea Tehnică a Moldovei, Facultatea de Urbanism și Arhitectură, Chișinău, 30 septembrie – 1 octombrie 2004	Calculul tensiunilor de forfecare dintr-un masiv de pământ, determinate de o suprafață încărcată, utilizând metoda sectorului	<b>Ancuța Rotaru</b> , Vasile Boboc	10,00	
3.	Sesiunea Științifică Construcții – Instalații Brașov CIB 2004	Universitatea Transilvania din Brașov, Facultatea de Construcții, 18-19 noiembrie 2004	1) Încercări la tensiune pe probe de argilă saturată normal consolidată anizotrop supusă la încercări de încărcare-descărcare	<b>Ancuța Rotaru</b>		5,00
			2) Influența particularităților stării de tensiuni asupra rezistenței și deformațiilor în timp ale pământurilor	<b>Ancuța Rotaru</b> , Dănuț T. Babor, Paulică Răileanu, Petru Rotaru		5,00
4.	A IX-a sesiune de comunicări științifice cu participare internațională “Știința și învățământul fundamente ale secolului al XXI-lea	Academia Forțelor Terestre “Nicolae Bălcescu”, Sibiu, 25-26 noiembrie 2004	1) De ce este necesară cunoașterea stării de tensiuni în masivele de pământ acționate de construcții ingineresti	<b>Ancuța Rotaru</b> , Paulică Răileanu		5,00
			2) Deformațiile axiale și $K_0$ determinate pe probe de argilă saturată normal consolidată anizotrop supusă la încercări de încărcare-descărcare	<b>Ancuța Rotaru</b> , Paulică Răileanu		5,00
5.	Invited lectures	TU Viena, Institute for Engineering Geology, 21 iunie 2006, Viena, Austria	Foundations on swelling and shrinking soils in Iași County – Romania <a href="https://www.ig.tuwien.ac.at/events/vortraege/arc_hiv/">https://www.ig.tuwien.ac.at/events/vortraege/arc_hiv/</a>	<b>Ancuța Rotaru</b> , Paulică Răileanu, Petru Rotaru	10,00	
6.	PIARC Seminar Adapting Road Earthworks to the Local Environments	Iași, Romania, 31 mai – 2 iunie 2007	Quelques considerations sur les moyens de preventon et des glissement de versants	<b>Ancuța Rotaru</b>	10,00	

7.	10th International Symposium Materials, Methods & Technologies	Hotel Imperial, Sunny Beach Resort, Bulgaria, 2-4 iunie 2008	Some aspects of landslide risk evaluation taking into account their distribution and properties <a href="http://old.uefiscdi.ro/UserFiles/File/MC%202008/LISTA_PROPUneri_PROIECTE_PRIMITE_Tip_MC(2).htm">http://old.uefiscdi.ro/UserFiles/File/MC%202008/LISTA_PROPUneri_PROIECTE_PRIMITE_Tip_MC(2).htm</a>	<b>Ancuța Rotaru,</b> Ana Nicuță	10,00	
8.	Dezbateri... dar să știm și noi	Fac de Construcții și Instalații Iași, corp R, amf. Anton Șesan 28 octombrie 2008	1) Tehnici moderne de predare și modul în care sunt percepute de student; 2) Motivația studentului de a frecventa cursurile și a studia individual	<b>Ancuța Rotaru</b> <b>Ancuța Rotaru</b>		5,00
9.	1st WSEAS International Conference on Natural Hazards (NAHA '08)	Politehnica București, Romania, 9 noiembrie 2008	Dynamics of a Landslide Surface	<b>Ancuța Rotaru,</b> Daniel Oajdea, Paulică Răileanu	10,00	
10.	International Seminar Managing Risk in Road Operations, (PIARC)	Iasi (Romania), 5-7 November 2009	Some aspects on landslide risk evaluation on public road network <a href="https://www.piarc.org/en/activities/PIARC-International-Seminars-Proceedings/PIARC-International-Seminars-2009/iasi_November09">https://www.piarc.org/en/activities/PIARC-International-Seminars-Proceedings/PIARC-International-Seminars-2009/iasi_November09</a>	<b>Ancuța Rotaru</b>	10,00	
11.	Landslide Risk Mitigation – Challenge and Strategy Exploratory Workshop	Facultatea Construcții și Instalații Iași, corp R, 28-30 octombrie 2009	Landslide Risk Mitigation – Challenge and Strategy	<b>Ancuța Rotaru</b>	10,00	
12.	Risk Management, Assessment and Mitigation (RIMA'10)	Politehnica București, Romania, 20-22 aprilie 2010	Physical Properties of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania – A Cement-like Material for Substructure Works <a href="http://www.imst.pub.ro/userfiles/Joint%20program.pdf">www.imst.pub.ro/userfiles/Joint%20program.pdf</a> 2) Mechanical Properties of Pozzolana Fly Ash from Thermal Power Plant of Iasi, Romania – A Cement-like Material for Substructure Works <a href="http://www.imst.pub.ro/userfiles/Joint%20program.pdf">www.imst.pub.ro/userfiles/Joint%20program.pdf</a>	<b>Ancuța Rotaru,</b> Vasile Boboc  Vasile Boboc, <b>Ancuța Rotaru,</b> Andrei Boboc	10,00  10,00	
13.	European Geoscience Union, General Assembly 2010	Viena, Austria, 2-7 mai 2010	EGU2010-13952 - Causes and mechanisms of landslides triggered on foundation soil areas <a href="https://meetingorganizer.copernicus.org/EGU2010/">https://meetingorganizer.copernicus.org/EGU2010/</a>	<b>Ancuța Rotaru</b>	10,00	
14.	PMI Romania Chapter – Monthly Meeting Iasi	Iași, iulie 2017	Greșeli de proiectare în construcții (Defective Works in Construction Projects) <a href="https://pmi.ro/eveniment/pmi-romania-chapter-monthly-meeting-iasi-iulie-2017/">https://pmi.ro/eveniment/pmi-romania-chapter-monthly-meeting-iasi-iulie-2017/</a>	<b>Ancuța Rotaru</b>		5,00

15.	1 <sup>st</sup> Transnational Meeting of the Project <i>Rehabilitation of the Built Environment in the Context of Smart City and Sustainable Development Concepts for Knowledge Transfer and Lifelong Learning</i> - RE-BUILT	Universitatea Tehnică „Gheorghe Asachi” din Iași, 14-16 ianuarie 2019	Presentation of the RE-BUILT Project Rehabilitation of the Built Environment in the Context of Smart City and Sustainable Development Concepts for Knowledge Transfer and Lifelong Learning <a href="http://www.rebuilt.ce.tuiasi.ro/events/meetings/m1/index.html">http://www.rebuilt.ce.tuiasi.ro/events/meetings/m1/index.html</a>	<b>Ancuța Rotaru</b>	10,00	
16.	CRIT-RE-BUILT International Conference on Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment	Universitatea Tehnică „Gheorghe Asachi” din Iași, 4-6 noiembrie 2019	Study on the Impact of the Environmental Degradation on the Atmospheric and Geological Factors of Built Areas <a href="http://www.rebuilt.ce.tuiasi.ro/events/2019/">http://www.rebuilt.ce.tuiasi.ro/events/2019/</a>	<b>Ancuța Rotaru</b>	10,00	
17.	Days of the REBUILT Construction Sector. Workshop	„Todor Kableskov” Higher School of Transport-Sofia Bulgaria, 19-22 februarie 2020	Hazard Risk Mitigation: Challenge or Strategy? <a href="https://www.researchgate.net/publication/346023541_Days_for_the_REBUILT_Construction_Sector">https://www.researchgate.net/publication/346023541_Days_for_the_REBUILT_Construction_Sector</a>	<b>Ancuța Rotaru</b>	10,00	
18.	Fall Doctoral School in Orleans, France – International Workshop	Universitatea din Orleans, Franța, 24-26 noiembrie 2021	Eco-friendly Materials for Sustainable Rehabilitation of Substructure Works Affected by Hazards	<b>Ancuța Rotaru</b>	10,00	
19.	KNOW-RE-BUILT International Conference on Knowledge Transfer in the Sustainable Rehabilitation and Risk Management of the Built Environment	15-16 decembrie 2021, online	Presentation of the outputs of the RE-BUILT Project (Rehabilitation of the Built Environment in the Context of Smart City and Sustainable Development Concepts for Knowledge Transfer and Lifelong Learning) <a href="http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/KNOW-RE-BUILT_Program.pdf">http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/KNOW-RE-BUILT_Program.pdf</a>	<b>Ancuța Rotaru</b>	10,00	
20.	The 17 <sup>th</sup> International Scientific Conference CIBv - Civil Engineering and Building Services 2022	Universitatea “Transilvania” din Brasov, Facultatea de Constructii, 3-4 noiembrie 2022	Using Aerial and Satellite Images to Assess the Geotechnical Characteristics of Road Infrastructure Project Sites <a href="https://cibv.unitbv.ro/program">https://cibv.unitbv.ro/program</a>	<b>Ancuța Rotaru</b> Mădălin-Cornel Văleanu	10,00	
<b>TOTAL</b>					<b>100,00</b>	



### **3.3 Membru în colective de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice; Recenzor pentru reviste și manifestări științifice**

*Punctaje unice pentru fiecare categorie, ce se acordă numai dacă sunt îndeplinite următoarele cerințe minimale:*

3.3.1 – minim 2 colective de redacție și minim 8 recenzii

3.3.2 – minim 2 colective de redacție și minim 8 recenzii

3.3.3 – minim 2 comitete științifice și minim 12 recenzii

*Obs.: Pentru reviste, comitete științifice internaționale, valorile minime specificate se împart la 2.*

#### **I. Editor în 1 revistă ISI internațională + 4 recenzii ISI internaționale – 2 x 10 puncte**

**a) Revista ISI internațională:** Advances in Environmental and Geological Science and Engineering, Cornel Panait, Eugen Bârsan, Aida Bulucea, Nikos Mastorakis, Charles Long. Associate editors: Marius Mosoarcă, **Ancuța Rotaru**  
ISSN: 1792-4685, ISBN: 978-960-474-221-9 (se reduce la 1 – revistă internațională ISI)  
<http://www.wseas.us/books/2010/Constantza/EG.pdf>

##### **Recenzii internaționale reviste ISI:**

1. Advances in Environmental Development, Geomatics Engineering and Tourism, Published by WSEAS Press, 2014, ISSN: 2227-4359, ISBN: 978-960-474-385-8 (list of reviewers)

<http://www.wseas.org/main/books/2014/Brasov/ENVIR.pdf>

2. Recent Advances in Geodesy and Geomatics Engineering, Published by WSEAS Press, 2013, ISSN: 2227-4359, ISBN: 978-960-474-335-3 (list of reviewers)

<http://www.wseas.us/e-library/conferences/2013/Antalya/GENG/GENG-00.pdf>

3. Mathematics and Computers in Contemporary Science, Published by WSEAS Press, 2013, ISBN: 978-960-474-356-8 (list of reviewers)

<http://www.wseas.org/main/books/2013/Nanjing/SCIE.pdf>

4. Recent Advances in Environmental and Biological Engineering, Published by WSEAS Press, 2014, ISBN: 978-1-61804-259-0 (list of reviewers)

<http://www.wseas.org/main/books/2014/Istanbul/BIOSCUST.pdf>

(se reduc la 4 – reviste internaționale ISI)

**b) Revista ISI internațională:** Studies on Sustainable Rehabilitation of the Built Environment, Sustainability Journal, impact factor 3.889, MDPI Academic Open Access Publishing, Guest eds: Dashnor Hoxha, **Ancuța Rotaru**, Wu Wei, 2022.

[https://www.mdpi.com/journal/sustainability/special\\_issues/sustainable\\_rehabilitation\\_built\\_environment](https://www.mdpi.com/journal/sustainability/special_issues/sustainable_rehabilitation_built_environment)

##### **Recenzii internaționale reviste ISI:**

1. Towards Sustainable Soil Stabilization in Peatlands: Secondary Raw Materials as an Alternative, Sustainability journal (ISSN 2071-1050), 2021, Manuscript ID: sustainability-1179206, Published by MDPI,

<https://susy.mdpi.com/user/review/review/17705945/rXZ8oYBk>

2. Experimental Analysis of Incipient Motion for Uniform and Graded Sediments, Water journal (ISSN 2073-4441), 2021, Manuscript ID water-1260698, Published by MDPI,

<https://susy.mdpi.com/user/review/review/18511559/Z3zLTa6R>

3. Evaluating organizational sustainability: A multi-criteria based approach on sustainable project management indicators, Systems journal (ISSN 2079-8954), 2021, Manuscript ID systems-1318898, Published by MDPI,

<https://susy.mdpi.com/user/review/review/19447235/snWaQp17>

4. Hydraulic Fracturing in Enhanced Geothermal Systems—Field, Tectonic and Rock Mechanics Conditions—A Review, Energies journal (ISSN 1996-1073), 2021, Manuscript ID energies-1356224, Published by MDPI,

<https://susy.mdpi.com/user/review/review/20271067/Yk9s2HQ3>

(se reduc la 4 – reviste internaționale ISI)

#### **II. Editor in 1 revista BDI internațională + 4 recenzii ISI (sau BDI) internaționale – 6 puncte**

**Revista BDI internațională:** Springer Serries in Geomechanics and Geoengineering  
(Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment CRIT-RE-BUILT. Proceedings of the International Conference, Iași, Romania, November 7-9, 2019, Editor: **Rotaru Ancuta**)  
<https://www.springer.com/gp/book/9783030611170>

### Recenzii internaționale:

1. Geomechanics and Geoengineering: An International Journal, Published by Taylor & Francis, ISSN 1748-6025. Recenzie a manuscrisului "Electrical analogy for modelling thermal regime and moisture distribution in sandy soils". <https://www.tandfonline.com/doi/full/10.1080/17486025.2017.1309081>
2. Recent Researches in Urban Sustainability, Architecture and Structures, Published by WSEAS Press, 2013, ISSN: 2227-4359 ISBN: 978-960-474-331-5 (list of reviewers) [https://www.academia.edu/6599105/RECENT\\_RESEARCHES\\_in\\_URBAN\\_SUSTAINABILITY\\_ARCHITECTURE\\_and\\_STRUCTURES](https://www.academia.edu/6599105/RECENT_RESEARCHES_in_URBAN_SUSTAINABILITY_ARCHITECTURE_and_STRUCTURES)
3. Recent Advances in Energy, Environment and Geology, Published by WSEAS Press, 2013, ISSN: 2227-4359, ISBN: 978-960-474-338-4 (list of reviewers) <http://www.wseas.org/main/books/2013/Antalya/NEGIC.pdf>
4. Recent Advances in Civil and Mining Engineering, Published by WSEAS Press, 2013 ISSN: 2227-4588 ISBN: 978-960-474-337-7 (list of reviewers) <http://www.wseas.org/main/books/2013/Antalya/MINEC.pdf>

### III. Comitete științifice + 6 recenzii internaționale

#### Comitete științifice (internaționale, selecție) – 2 x 4 puncte

##### a) Comitete științifice Conferințe ISI

1. 1st International Conference on Tourism and Economic Development (TEDE'13) Nanjing, China November 17-19, 2013 <http://www.wseas.org/main/books/2013/Nanjing/SCIE.pdf>
2. 2nd European Conference of Geodesy & Geomatics Engineering (GENG'14) Brașov, România June 26-28, 2014 [https://www.academia.edu/6599105/RECENT\\_RESEARCHES\\_in\\_URBAN\\_SUSTAINABILITY\\_ARCHITECTURE\\_and\\_STRUCTURES](https://www.academia.edu/6599105/RECENT_RESEARCHES_in_URBAN_SUSTAINABILITY_ARCHITECTURE_and_STRUCTURES)
3. 3rd International Conference on Sustainable Cities, Urban Sustainability and Transportation (SCUST'14) Istanbul, Turkey December 15-17, 2014 <http://www.wseas.org/main/books/2014/Istanbul/BIOSCUST.pdf>
4. 1st International Conference on New Directions in Business, Management, Finance and Economics (ICNDBM 2013), Famagusta, Northern Cyprus, Sept 12-14 2013 <http://www.allconferences.com/c/1st-international-conference-on-new-directions-in-business-management-finance-and-economics-icndb-famagusta-2013-september-13>  
(certificat de participare)

### Recenzii (internaționale reviste ISI, se reduc la 6)

1. Effect of Bound Water Content on Secondary Compression of Three Marine Silty Clays, Journal of Marine Science and Engineering 10, no. 2: 261. [https://doi.org/10.3390/jmse10020261WSEAS-PaperReviewForm\\_Paper\\_407-2\\_2020](https://doi.org/10.3390/jmse10020261WSEAS-PaperReviewForm_Paper_407-2_2020)
2. Dilatant Nature of Sand Shear Strength, Applied Sciences 12, no. 5: 2332. <https://doi.org/10.3390/app12052332>
3. Physical Similarity Simulation of Deformation and Failure Characteristics of Coal-Rock Rise under the Influence of Repeated Mining in Close Distance Coal Seams, Energies 15, no. 10: 3503. <https://doi.org/10.3390/en15103503>
4. Measurement of Forces in a Mining Plough Chain during Operation, Energies 15, no. 16: 6003. <https://doi.org/10.3390/en15166003>
5. Innovative Overview of SWRC Application in Modeling Geotechnical Engineering Problems, Designs 6, no. 5: 69. <https://doi.org/10.3390/designs6050069>
6. Comparison of numerical simulation of seepage flow in a single rock fracture based on 3D and 2D models, Mathematics -1874204 <https://susy.mdpi.com/user/review/review/29405362/tIHvTZ6P>

##### b) Comitete științifice conferințe BDI

1. International Conference on Knowledge Transfer in Sustainable Rehabilitation and Risk Management of the Built Environment – KNOW-RE-BUILT – ONLINE, 15-16 decembrie 2021, președinte al comitetului științific <http://www.rebuilt.ce.tuiasi.ro/>



2. International Conference on Critical Thinking in Sustainable Rehabilitation and Risk Management of the Built Environment – CRIT-RE-BUILT – Iași, România, 7-9 noiembrie 2019, președinte al comitetului științific  
<http://rebuilt.ce.tuiasi.ro/conferences/2019/>
3. International Conference – Towards a Sustainable Built Environment EBUILT, 2016, Iași  
<http://ebuiltiasi.com/>
4. 4th International Balkans Conference on Challenges of Civil Engineering (4-BCCCE), mai 28-29, 2020 (amânata pt. 30-31 octombrie 2020), Tirana, Albania  
<http://bccce.epoka.edu.al/2020/category-committees-2720.html>  
[https://epoka.edu.al/conferences/bccce/2020/docs/BCCCE\\_2020\\_Book\\_of\\_Proceedings.pdf](https://epoka.edu.al/conferences/bccce/2020/docs/BCCCE_2020_Book_of_Proceedings.pdf)
5. WASET - International Scientific Committee of Civil and Environmental Engineering  
<https://waset.org/committees/civil-and-environmental-engineering?page=5>

## **Recenzii (internaționale, se reduc la 6)**

7. WSEAS-PaperReviewForm\_Paper 407-1\_2020
8. WSEAS-PaperReviewForm\_Paper 407-2\_2020
9. African Journal of Engineering Research\_AJER-2016-025 - Comparison of physical and chemical properties of soils in China and Iraq\_2016  
<http://www.netjournals.org/pdf/AJER/2016/4/16-025.pdf>
10. Challenge Journal of Structural Mechanics\_448-1957-2-RV, 5(4), ISSN 2149-8024 - Modification of the Effective Area Method on Two-Way Loaded Shallow Foundations\_2019  
<http://www.challengejournal.com/index.php/cjsmec/article/view/448>
11. Challenge Journal of Structural Mechanics\_288-1130-3-RV, 4(2) 2018, ISSN 2149-8024 - Effects of Structural Irregularities on Low and Mid-rise RC Building Response\_2018  
<http://www.challengejournal.com/index.php/cjsmec/article/view/288>
12. WSEAS\_2019-3180-AJS - A Short Review of Cementation in Carbonate Environments

## **Alte rezultate/ activități de recunoaștere și impact al activității**

### **Chairperson conferințe internaționale**

1. International Conference Risk Management, Assessment and Mitigation (RIMA'10), Bucharest, Romania, 20-22 aprilie 2010 – RIMA Special Session Sustainable Civil Engineering  
<http://www.imst.pub.ro/userfiles/Joint%20program.pdf>
2. International Conference – Towards a Sustainable Built Environment EBUILT, 2016, Iași, România  
<http://ebuiltiasi.com/>
3. International Conference on Critical Thinking in Sustainable Rehabilitation and Risk Management of the Built Environment – CRIT-RE-BUILT – Iași, România, 7-9 noiembrie 2019  
<http://rebuilt.ce.tuiasi.ro/conferences/2019/>
4. International Conference on Knowledge Transfer in Sustainable Rehabilitation and Risk Management of the Built Environment – KNOW-RE-BUILT – Iași, România, ONLINE, 15-16 decembrie 2021  
[http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/KNOW-RE-BUILT\\_Program.pdf](http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/KNOW-RE-BUILT_Program.pdf)

### **Președinte comitete științifice conferințe internaționale**

1. International Conference on Critical Thinking in Sustainable Rehabilitation and Risk Management of the Built Environment – CRIT-RE-BUILT – Iași, România, 7-9 noiembrie 2019  
<http://rebuilt.ce.tuiasi.ro/conferences/2019/>
2. International Conference on Knowledge Transfer in Sustainable Rehabilitation and Risk Management of the Built Environment – KNOW-RE-BUILT – Iași, România, ONLINE, 15-16 decembrie 2021  
[http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/Know-re-buit\\_COMMITTEES.pdf](http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/Know-re-buit_COMMITTEES.pdf)

### **Organizator conferințe internaționale**

1. International Conference Risk Management, Assessment and Mitigation (RIMA'10), Bucharest, Romania, 20-22 aprilie 2010 – RIMA Special Session Sustainable Civil Engineering  
<http://www.wseas.us/conferences/2010/bucharest/rima/Session2.htm>
2. International Conference on Critical Thinking in Sustainable Rehabilitation and Risk Management of the Built Environment – CRIT-RE-BUILT – Iași, România, 7-9 noiembrie 2019

<http://ce.legacy.tuiasi.ro/ro/conferinte-simpozioane-evenimente/>

3. International Conference on Knowledge Transfer in Sustainable Rehabilitation and Risk Management of the Built Environment – KNOW-RE-BUILT – Iași, România, ONLINE, 15-16 decembrie 2021  
[http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/Know-re-buit\\_COMMITTEES.pdf](http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/Know-re-buit_COMMITTEES.pdf)

## **Organizator workshop-uri naționale și internaționale**

1. The 8th National Conference of Soil Mechanics and Foundation Engineering, Iași, 25-28 septembrie 1996
2. Soluții și sisteme de reabilitare structurală cu materiale compozite polimerice armate cu fibre – RECOPAF Simpozion național cu participare internațională, Iași 19 mai 2006
3. Landslide risk mitigation – challenge and strategy – Iași, România, 28-30 octombrie 2009 (afiș)  
[https://www.researchgate.net/publication/346023677\\_Afis\\_Workshop\\_exploratoriu\\_octombrie\\_2009](https://www.researchgate.net/publication/346023677_Afis_Workshop_exploratoriu_octombrie_2009)
4. Sustainability and Perspectives on Geotechnical Engineering Workshop – 14 noiembrie 2016, Iași, România (afiș)  
[https://www.researchgate.net/publication/346023306\\_Sustainability\\_and\\_Perspectives\\_on\\_Geotechnical\\_Engineering\\_Workshop\\_-\\_Poster](https://www.researchgate.net/publication/346023306_Sustainability_and_Perspectives_on_Geotechnical_Engineering_Workshop_-_Poster)
4. Integrating Structures into the Built Environment for Sustainable Development – 19 iunie 2019, Iași, România (afiș)  
[https://www.researchgate.net/publication/346023701\\_Integrating\\_Structures\\_into\\_the\\_Built\\_Environment\\_for\\_Sustainable\\_Development\\_Poster](https://www.researchgate.net/publication/346023701_Integrating_Structures_into_the_Built_Environment_for_Sustainable_Development_Poster)
5. Rehabilitation Challenges and Solutions in the Built Environment – 5, 6, 11 noiembrie 2019, Iași, România (afiș)  
[https://www.researchgate.net/publication/346023785\\_Rehabilitation\\_Challenges\\_and\\_Solutions\\_in\\_the\\_Built\\_Environment\\_Poster\\_A3\\_Workshop](https://www.researchgate.net/publication/346023785_Rehabilitation_Challenges_and_Solutions_in_the_Built_Environment_Poster_A3_Workshop)
6. Sustainable Rehabilitation and Advances in Building Materials – 24 iunie 2022, Iași, România (afiș)  
[https://www.researchgate.net/publication/363265633\\_Afis\\_erasmus](https://www.researchgate.net/publication/363265633_Afis_erasmus)

## **Comitete științifice conferințe naționale**

1. A 17-a ediție a Conferinței "Danubian-Europene de Mecanica Pământurilor și Inginerie Geotehnică", ce va avea loc în perioada 7-9 iunie 2023, la București  
<https://17decge.ro/about-the-conference/#committees>
2. A XIV-a Conferință Națională de Geotehnică și Fundații, 2-5 septembrie 2020 (amânată în iunie 2021), București  
<http://cngf.srgf.ro/wp-content/uploads/2019/11/Buletin-01RO.pdf>
3. A XIII-a Conferință Națională de Geotehnică și Fundații, 7-10 septembrie 2016, Cluj-Napoca
4. A XII-a Conferință Națională de Geotehnică și Fundații, 20-22 septembrie 2012, Iași

## **Alte comitete editoriale/ științifice**

1. International Research Journal on Advanced Science Hub (IRJASH)
2. World Academy of Science, Engineering and Technology - Civil and Environmental Engineering  
<https://waset.org/committees/civil-and-environmental-engineering?page=6>
3. American Journal of Civil Engineering  
<https://www.sciencepublishinggroup.com/journal/editorialboard?journalid=229>
4. Membru al comitetului științific al Academic Civil Engineering Unit (ATINER)  
<https://www.atiner.gr/civil-unit>

## **Membru în societăți academice/ profesionale:**

1. Societatea Romană de Geotehnică și Fundații (SRGF)
2. International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)
3. Membru al Athens Institute for Education and Research, Academic Civil Engineering Unit (ATINER)  
<https://www.atiner.gr/civil-unit>
4. Membru al World Academy of Science, Engineering and Technology, Civil and Environmental Engineering (WASAT)  
<https://waset.org/committees/civil-and-environmental-engineering?page=6>
5. Membru al Canadian Institute for Knowledge Development (CIKD)  
[https://cikd.ca/new-cikd/former\\_associations/prof-ancuta-rotaru/](https://cikd.ca/new-cikd/former_associations/prof-ancuta-rotaru/)

**5.4 Experiență de management universitar și de cercetare****5.4.1 Funcții de conducere (rector, prorector, decan, prodecan, director de departament, director școală doctorală, director general, director științific, șef secție, șef laborator)**

Nr. crt.	Funcție de conducere	nr. ani	Punctaj
1	Administrator șef Facultatea de Construcții și instalații (asimilat prodecan, 1999 - 2007)	9	5*nr. de ani= 45
Punctaj total		45	

**5.4.2 Membru în organisme de conducere (senat, consiliul facultății, consiliul științific)**

Nr. crt.	Organisme de conducere	nr. ani	Punctaj
1	Membru invitat în Consiliul Facultății de Construcții și Instalații (1999-2007)	9	-
<b>Punctaj total</b>			-

<b>TOTAL Recunoașterea și impactul activității (A3)</b>	<b>1.086,652</b>
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12 decembrie 2022

Conf.univ.dr.habil.ing. Ancuța ROTARU