

# **DOSAR DE CONCURS**

## **Gradație de merit**

**pentru perioada 2023 - 2028 .**

**Candidat**  
**Șef lucrări dr. ing. Daniel LEPADATU**

CUPRINS

UNIVERSITATEA TEHNICĂ  
„GHEORGHE ASACHI” DIN IAȘI  
REGISTRATURA  
-12-  
Nr. 38161 / 18.10 2023

Anexa nr. 1 - Cerere de înscriere

Anexa nr. 2 - Raport de autoevaluare

**FIȘA DE AUTOEVALUARE**

Anexa nr. 3 - Declarația pe propria răspundere

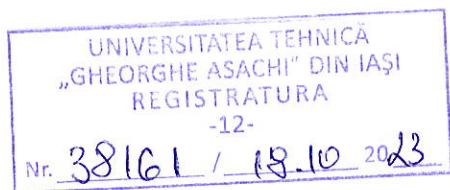
Anexa nr. 4 - Documente doveditoare

Semnătura,

s.l. dr. ing. Daniel LEPADATU



## Anexa nr. 1



### Domnule Decan/ Director de Departament

Subsemnatul **Daniel LEPADATU**, cadru didactic al Universității Tehnice „Gheorghe Asachi” din Iași cu funcția actuală de șef lucrări în cadrul Facultății de Construcții și Instalații, Departamentul Construcții Civile și Industriale, solicit, prin prezenta, înscrierea la concursul pentru acordarea gradației de merit pentru perioada 2023 - 2028.

Data,  
18.10.2023

Semnătura,  
ș. I. dr. ing. Daniel LEPADATU

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI FACULTATEA DE CONSTRUCȚII ȘI INSTALAȚII	A N E X A 2 Fișa de autoevaluare	REG.39-A2	
		Ediția 1	Revizia 0
		Pagina 1/ 8	
		Exemplar nr. 1	

**RAPORT DE AUTOEVALUARE A ACTIVITĂȚII PENTRU ANII 1.10.2018 –  
30.09.2023**

Numele și prenumele: **DANIEL LEPADATU**

Funcția didactică: **șef lucrări**

Facultatea/ Departamentul: **Facultatea de Construcții și Instalații,  
Departamentul Construcții Civile și Industriale**

Condiții minimale			
Nr crt.	Domeniul de activitate	Condiții – șef de lucrări	Punctaj candidat
1	Activitatea didactică	10	1.88
2	Cercetare științifică	60	1697.31
3	Recunoașterea națională și internațională	5	1720
4	Activitatea cu studenții	5	34
5	Activitatea în comunitatea academică	5	54
	<b>Total condiții minimale</b>	<b>85</b>	<b>3507.19</b>
	<b>TOTAL GENERAL</b>	<b>85</b>	<b>3507.19</b>
	<b>Valori normalizate</b>	<b>17</b>	<b>701.44</b>

Data : 18.10.2023

Semnătura :

ș.l. dr. ing. Daniel LEPADATU

Numele și prenumele cadrului didactic evaluat

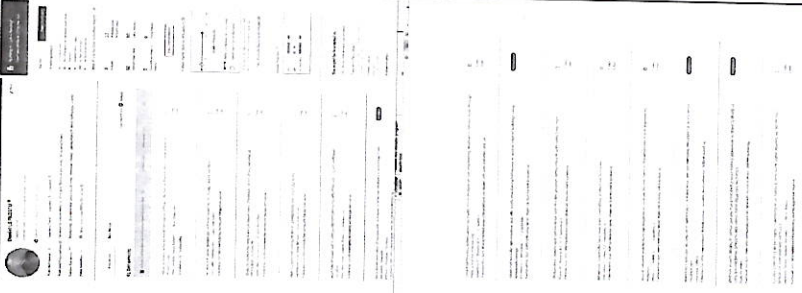
**DANIEL LEPADATU**

Funcția didactică – Sef lucrari

Criteriul de evaluare	Indicatori de performanță cu explicitarea modului de calcul a punctajului pentru fiecare realizare	Documente justificative (la solicitare)	Punctaj
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**Criteriul 1. Activitate didactică**

1. Activitate didactică	1.1. Predare discipline/ cursuri noi în planul de învățământ, pe direcții neelaborate anterior (se punctează discipline cu tematică nouă) *	a. Curs	- planul de învățământ al FCI	Național	International
				20*	25
V <sub>1b</sub> = val. minimă: • 30 puncte prof.; • 20 puncte conf.; • 10 puncte ș.l.; • 5 puncte asist.	Realizări: 1.1.1. .... 1.1.2. ....	b. Aplicații		10*	15
	1.2. Elaborare manuale universitare tipărite *	Realizări: 1.2.1. .... 1.2.2. ....	a. Curs	- scan coperta+cuprins	Ed. CNCS 30* x (n <sub>p</sub> /100) / n <sub>a</sub> Alte edituri 10* x (n <sub>p</sub> /100) / n <sub>a</sub>
• pentru elaborare în limba engleză punctajul se înmulțește cu 1,25	1.3. Elaborare suporturi de cursuri, seminarii, laboratoare, proiecte în format electronic *	b. Îndrumare laborator, Ghid de proiectare		Ed. CNCS 7* x (n <sub>p</sub> /100) / n <sub>a</sub> Alte edituri* 3,5* x (n <sub>p</sub> /100)/n <sub>a</sub>	10 x (n <sub>p</sub> /100) / n <sub>a</sub>
	Realizări: 1.3.1. Suport de curs – Fizica clădirilor - format ppt 1.3.2. Seminarii - Fizica clădirilor – format Word 1.3.3. Suport curs – INITIERE ÎN CREAȚIA TEHNICĂ format ppt –	Format electronic	- scan coperta+cuprins	3* x (n <sub>p</sub> /100) / n <sub>a</sub>  3*151/100 = 4.53 3*53/100 = 1.59 3*193/100 = 5.79	10 x (n <sub>p</sub> /100) / n <sub>a</sub>
1.5. Modernizare tehnologie didactică din alte surse decât din cele publice (donații, sponsorizări etc.)	Realizări: 1.4.1. .... 1.4.2. ....		- scan coperta+cuprins	Ed. CNCS 10 x (n <sub>p</sub> /100) / n <sub>a</sub> Alte ed./ format el. 5 x (n <sub>p</sub> /100) / n <sub>a</sub>	
	Realizări: 1.5.1. .... 1.5.2. ....	a. Dotare cu aparatură, echipamente, materiale, material curricular auxiliar, în scop didactic	- fotografii / printscreen	5 x val. / 1000 Lei / n <sub>a</sub>	
		b. Dotarea cu tehnică de calcul și software în scop didactic	3 x val. / 1000 Lei / n <sub>a</sub>		
<b>Total punctaj</b>				<b>= 11.88</b>	<b>= 0</b>

TOTALI		Total Criteriu 1	= $\Sigma$ national + $\Sigma$ international = 11.88 - 10 = 1.88																																																	
<p><b>2. Cercetarea științifică</b></p> <p>V<sub>2b</sub> = val. minimă</p> <ul style="list-style-type: none"> <li>• 150 puncte prof.;</li> <li>• 100 puncte conf.;</li> <li>• 60 puncte ș.l.;</li> <li>• 30 puncte asist.</li> </ul>	<p>2.1. Elaborare cărți/ monografiilor/ tratate</p> <p>Realizări:</p> <p>2.1.1. ....</p> <p>2.1.2. ....</p> <p>2.2. Articole publicate în reviste de specialitate</p> <p>Realizări:</p> <p>2.2.1. Adam, Laurentiu, Loredana Judele, Iuliana Motrescu, Ion Rusu, Daniel Lepadatu, and Roxana Dana Bucur. 2023. "Advanced Design for Experimental Optimisation of Physico-Mechanical Characteristics of Sustainable Local Hemp Concrete" Sustainability 15, no. 11: 8484. <a href="https://doi.org/10.3390/su15118484">https://doi.org/10.3390/su15118484</a></p> <p>2.2.2. Daniel Lepadatu, Dorina Isopescu, Loredana Judele, Iulian Cucos, Ion Antonescu, Ionel-Ciprian Alecu, Particularities of synthetic wood - a biomaterial with recycling waste, Environmental Engineering and Management Journal, 2021, 20(4), pp. 585-592. IF 0.916 (se imparte doar la autorii de la TUIASI)</p> <p>2.2.3. Cucos, I., Antonescu, I., Isopescu, D., Lepadatu, D., Agavriloaie, M.-O., Caunii, V., Cucos, V.-C. Advanced system control for hydrogen plasma conversion of industrial hazardous recyclable liquid waste (2021) Environmental Engineering and Management Journal, 20(4), pp. 593-603.</p> <p>2.2.4. Alecu, I.-C., Lepadatu, D., Isopescu, D., Cucos, I., Agavriloaie, M.-O., Antonescu, I. Helix spin economy and plasma waste recovery in construction and building materials industry, (2021) Environmental Engineering and Management Journal, 20(4), pp. 559-568.</p> <p>2.2.5. Cucos, I., Antonescu, I., Isopescu, D., Lepadatu, D., Agavriloaie, M.-O., Caunii, V., Cucos, V.-C. Hydrogen plasma conversion system of municipal recyclable waste in energy, (2021) Environmental Engineering and Management Journal, 20(4), pp. 625-634.</p> <p>2.2.6. D Lepadatu, A Rotaru, DI Morariu, T Cherradi, L Judele, Smart technology optimization by multicriteria analysis of civil engineering structure in service stage through topo-geodetic monitoring, The Fourth International Conference on Smart City Applications (SCA 2019), SCA'19, October, 2019, Casablanca, MAROCCO, Article No.: 71, doi&gt;10.1145/3368756.3369055. <a href="https://dl.acm.org/citation.cfm?id=3369055">https://dl.acm.org/citation.cfm?id=3369055</a></p> <p>2.2.7. Antonescu I., Alecu C.I., Lepadatu D., Advanced systems for heat treatment controlling of electrical furnaces (2019) IOP Conference Series: Materials Science and Engineering, 485 (1), art. no. 012002, Cited 0 times. DOI: 10.1088/1757-899X/485/1/012002</p> <p>2.2.8. Daniel Lepadatu, Marinela Barbuta, Mircea Rujanu, Loredana Judele, Raluca Mitroi, Fly ash concrete with fibers: comparison of tensile strength using neural network and design of experiments methodS, Environmental Engineering and Management Journal, Volume: 17 Issue: 6 pp: 1321-1328, 2018. IF- 1.186.</p> <p>2.2.9. Alecu C.I., Judele L., Movila M., Lepadatu D. Neural network architecture optimization by analyse the mechanical characteristics of civil engineering materials (2019) IOP Conference Series: Materials Science and Engineering, 485 (1), art. no. 012001, DOI: 10.1088/1757-899X/485/1/012001</p>	<p>Alte decât cele menționate la criteriul 1</p> <p>a. reviste cotate ISI</p>	<p>- scan coperta si cuprins</p> <p>- print-screen baza de date Web of Science</p> 	<p>Ediții recunoscute CNCS 40 x (n<sub>p</sub> / 100) / n<sub>a</sub></p> <p>Alte edituri 20 x (n<sub>p</sub> / 100) / n<sub>a</sub></p>	<p>50 x (n<sub>p</sub> / 100) / n<sub>a</sub></p>																																															
				<p>ISI</p> <table border="1"> <thead> <tr> <th>ISI</th> <th>FI</th> <th>Na</th> <th>Punctaj</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3.9</td> <td>6</td> <td>34.33</td> </tr> <tr> <td>2</td> <td>0.858</td> <td>6</td> <td>14.05</td> </tr> <tr> <td>3</td> <td>0.858</td> <td>7</td> <td>12.05</td> </tr> <tr> <td>4</td> <td>0.858</td> <td>6</td> <td>14.05</td> </tr> <tr> <td>5</td> <td>0.858</td> <td>7</td> <td>12.05</td> </tr> <tr> <td>6</td> <td>0</td> <td>5</td> <td>10.00</td> </tr> <tr> <td>7</td> <td>0</td> <td>3</td> <td>16.67</td> </tr> <tr> <td>8</td> <td>1.186</td> <td>5</td> <td>19.49</td> </tr> <tr> <td>9</td> <td>0</td> <td>4</td> <td>12.50</td> </tr> <tr> <td>10</td> <td>0</td> <td>6</td> <td>8.33</td> </tr> <tr> <td><b>Total</b></td> <td></td> <td></td> <td><b>153.5</b></td> </tr> </tbody> </table> <p>(50+40xFI) / n<sub>a</sub></p>	ISI	FI	Na	Punctaj	1	3.9	6	34.33	2	0.858	6	14.05	3	0.858	7	12.05	4	0.858	6	14.05	5	0.858	7	12.05	6	0	5	10.00	7	0	3	16.67	8	1.186	5	19.49	9	0	4	12.50	10	0	6	8.33	<b>Total</b>			<b>153.5</b>
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<p>2.2.10. Miron M., Morariu D.I., Cucos I., Alecu C.I., Judele L., Lepadatu D. Photovoltaic panels cost optimization with flexible polymer semiconductor cells using fuzzy logic, (2019) IOP Conference Series: Materials Science and Engineering, 485 (1), art. no. 012013, DOI: 10.1088/1757-899X/485/1/012013</p>	<p>b. reviste incluse în BDI (INSPEC, ZMATH, SCOPUS etc)</p>	<p>- print-screen baza de date Scopus (nu se punctează cele de la punctul a.)</p>	<p>30/ n<sub>a</sub></p>																																							
<p>c. reviste neincluse în BDI</p>	<p>- print-screen baza de date Google Scholar (nu se punctează cele de la punctele a. și b.)</p>	<p>15/ n<sub>a</sub></p>																																								
<p>a. conferințe în calitate de keynote speaker</p>	<p>- adresa site, invitație, program manifestare</p>	<p>60</p>																																								
<p>b. lucrări comunicate în secțiunile conferinței</p>		<p>15/n<sub>a</sub></p>																																								
<p>c. lucrări comunicate sub formă de poster</p>		<p>10/n<sub>a</sub></p>																																								
<p>a. volume indexate ISI</p>	<p>- print-screen baza de date Web of Science</p>	<p>50 / n<sub>a</sub></p>																																								
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<p>2.3. Conferințe invitate/ lucrări de sinteză prezentate la manifestări organizate sub egida științifice recunoscute, lucrări comunicate Realizări: 2.3.1. .... 2.3.2. ....</p>																																										
<p>2.4. Lucrări publicate în volumele conferințelor Realizări: 2.4.1. Daniel LEPĂDATU, Dorina ISOPEȘCU, Ion RUSU, Loredana JUDELE, Gabriel SANDULACHE, Optimisation of Several Estimating Functions by Multicriterial Analysis of Civil Engineering Structure in Service Stage Monitoring, Proceedings of the International Conference "Interdisciplinarity and Cooperation in Cross-border Research", Chisinau, Republic of Moldova published in ACROSS journal, Engineering section, Vol. 6, No. 2, pp 1-12, 2022. <a href="https://doi.org/10.5281/zenodo.7853777">https://doi.org/10.5281/zenodo.7853777</a>, <a href="http://www.across-journal.com/index.php/across/article/view/132">http://www.across-journal.com/index.php/across/article/view/132</a>, Copernicus. ERIH PLUS 2.4.2. Loredana JUDELE, Dorina ISOPEȘCU, Ion RUSU, Daniel LEPADATU, Corrosion - an undesirable phenomenon for reinforcement of advanced mortars and concrete, Proceedings of the International Conference "Interdisciplinarity and Cooperation in Cross-border Research", Chisinau, Republic of Moldova published in ACROSS journal, Engineering section, Vol. 6, No. 2, pp 20-26, 2022. <a href="https://doi.org/10.5281/zenodo.7853789">https://doi.org/10.5281/zenodo.7853789</a>, <a href="http://www.across-journal.com/index.php/across/article/view/134">http://www.across-journal.com/index.php/across/article/view/134</a>, Copernicus. ERIH PLUS 2.4.3. Morariu D.I., Serbanoiu I., Miron M., Lepadatu D. Advanced tools for optimization and efficiently monitoring behaviour in service stage of buildings using renewable energy (2019) IOP Conference Series: Materials Science and Engineering, 485 (1), art. no. 012014, Cited 0 times. DOI: 10.1088/1757-899X/485/1/012014 SCOPUS 2.2.4. Laurentiu Adam, Dorina-Nicolina Isopescu, Loredana Judele, Roxana Dana Bucur, Daniel Lepadatu, Statistical analysis of preliminary studies for hemp concrete Journal of Applied Life Sciences and Environment 2022, 55(1), 75-84. <a href="https://doi.org/10.46909/ajlse-551047">https://doi.org/10.46909/ajlse-551047</a>, Copernicus 2.2.5. D-I Morariu, D Lepădatu and I Serbănoiu, Multicriterial optimization of topographic techniques for behaviour monitoring in service stage of civil engineering structures, IOP Conference Series: Materials Science and Engineering, Volume 789, International Conference ClBv2019 Civil Engineering and Building Services 1-2 November 2019, Braşov, Mater. Sci. Eng. 789 012041. 30/ na = 30/2 = 15</p>																																										


- 2.2.6. Judele L., Lepadatu D., Antonescu I., Boboc A., Morariu D.I. Nanotechnology in concrete materials-a powerful macro-material influenced by its nano-properties (2018) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 18 (6.1), pp. 331 - 338, DOI: 10.5593/sgem2018/6.1/S24.045, SCOPUS
- 2.2.7. Morariu D.I., Judele L., Lepadatu D., Cucos I. Station points stability optimization for efficiently monitoring behavior in service stage of civil engineering structures using topo geodesic methods, (2018) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 18 (2.2), pp. 963 – 970, DOI: 10.5593/sgem2018/2.2/S09.122, SCOPUS
- 2.2.8 L. Adam D. N. Isopescu, D. Lepadatu 2023, Experimental investigation of parameters influencing mechanical properties of hemp concretes using design of experiment method, IOP Conf. Ser.: Mater. Sci. Eng. 1283 012001, IOP conferences
- 2.2.9 RATA Ovidiu, LEPADATU Daniel, Structural elements optimization for agro-zootechical buildings with large openings, Proceedings of international Conference of Agriculture and Food engineering, 17-18 octombrie 2019 publicat in *Lucrări Științifice – vol. 62 (2)/2019, seria Agronomie*, pp 157- 160.
1. Loredana JUDELE; Mariana BUSILA; Elena MOCANU; Ion RUSU; Daniel LEPADATU, MICROSTRUCTURAL ANALYSIS OF ALLOWANCED CEMENTITIOUS MORTAR WITH DIFFERENTS NANOPARTICLES, Proceedings of 23rd International Multidisciplinary Scientific GeoConference SGEM 2023 Section Micro and Nano Technologies, Albena Bulgaria, 2023. DOI 10.5593/sgem2023/6.1/s24.06
2. Andrei BEJUSCA; Daniel LEPADATU; Loredana JUDELE; Ion RUSU; Eduard PROASPAT, MULTICRITERIAL INVESTMENT ANALYSIS AND ENVIRONMENTAL IMPACT ON THE LONGEST SUSPENSION BRIDGE FROM ROMANIA, Proceedings of 23rd International Multidisciplinary Scientific GeoConference SGEM 2023, Green Buildings Technologies and Materials, Albena Bulgaria, 2023. DOI 10.5593/sgem2023/6.1/s26.39 ISSN 1314-2704 ISBN 978-619-7603-61-3
3. Ion RUSU; Loredana JUDELE; Daniel LEPADATU, SELF-LEVELING SCREEED PROPERTIES OPTIMIZATION FOR HORIZONTAL CONCRETE SURFACES RESTORATION USING D-OPTIMAL DESIGN, Proceedings of 23rd International Multidisciplinary Scientific GeoConference SGEM 2023, Green Buildings Technologies and Materials, Albena Bulgaria, 2023., DOI 10.5593/sgem2023/6.1/s26.41
4. Mariana Busilă, Daniel Lepadatu, Loredana Judele, Effect of modified Zinc Oxide Nanoparticles on mechanical properties of cement mortar using advanced design of experiment method, International Sol-Gel Conference Next Generation St Petersburg, Russia August 25-30, 2019, Publicata in Book of Abstract - [https://solgel2019.itmo.ru/docs/Book\\_of\\_abstracts/final\\_compressed\\_compressed\\_1\\_.pdf](https://solgel2019.itmo.ru/docs/Book_of_abstracts/final_compressed_compressed_1_.pdf)
5. Basalic Elena, Cimpoesu Niconor, Judele Loredana, Harja Maria, Bucur Dana, Lepadatu Daniel, Latest research of reinforced cementitious composites with graphene oxide, Symposium of Agriculture and Food engineering Life sciences today for tomorrow, 20-21 October 2022, Iasi, Romania, <https://www.usamviasicongres.ro>

NEINDEX Na	10 / n <sub>a</sub>	Punctaj
1	5	2.00
2	5	2.00
3	3	3.33
4	3	3.33
5	6	1.67
6	5	2.00
7	6	1.67
8	2	5.00
9	3	3.33
10	4	2.50
<b>Total</b>		<b>26.83</b>

- scan website conferință,  
cuprins volum conferință

c. volume  
reindexate în  
BDI



<p>6. Bejusca Andrei, Judele Loredana, Bucur Dana Roxana, Luca Florin, Lepadatu Daniel, Project manager influence of quality risks monitoring in construction building investment, Symposium of Agriculture and Food engineering Life sciences today for tomorrow, 20-21 October 2022, Iasi, Romania, <a href="https://www.usamviasicongres.ro">https://www.usamviasicongres.ro</a></p> <p>7. Judele L. Hohan R, Isopescu D., Alecu C. I., Caurii V., Lepadatu D., Particularitati ale microstructurii lemnului sintetic obtinut cu deseuri reciclabile din constructii, Particularities of the microstructure of the synthetic wood obtained with recyclable waste from the constructions, Simpozion național cu participare internațională - Materiale Avansate și Tehnologii Inovative, 10 decembrie 2019, Galați Romania.</p> <p>8. RATA Ovidiu, LEPADATU Daniel "Gh. Asachi" Technical University Iasi, Romania Modelarea și optimizarea structurii pentru o clădire agro-zootehnică/Modelization and optimization of agrozootechnical building structure, International Conference of Agriculture and Food engineering, 16-20 october, Iasi, Romania</p> <p>9. Daniel LEPADATU, Loredana JUDELE, Ion ANTONESCU, Advanced design of experiment and optimization methods for new building materials developed in civil engineering, 4th Intl. Symp. New and Advanced Materials and Technologies in Energy, Environment and Sustainable Development, Rio de Janeiro, BRAZILIA, 4-7 noiembrie 2018.</p> <p>10. Loredana JUDELE, Daniel LEPADATU, Iulian CUCOS, Mihaela MOVILA, MODERN METHODS OF DETERMINATION ROAD BITUMEN ADHESIVENESS TO NATURAL AGGREGATES, 4th Intl. Symp. New and Advanced Materials and Technologies in Energy, Environment and Sustainable Development, Rio de Janeiro, BRAZILIA, 4-7 noiembrie 2018</p>		
<p>2.5. Brevele acordate, produse omologate</p> <p><b>Realizări:</b></p> <p>2.5.1 Brevet nr. RO135313A0, Lepădatu Daniel, Isopescu Dorina-Nicolina, Cucos Iulian, Antonescu Ion, Caurii Vasile, Cucos Vlad-Cătălin, Alecu Ionel-Ciprian, Rățoi Viorel, Instalație de producere a lemnului sintetic/ SYNTHETIC-WOOD MANUFACTURING PLANT, Cerere brevet de invenție cu nr. a/00346, 2021, dată publicare: 2021-11-29 <a href="https://worldwide.espacenet.com/patent/search/family/078818968/publication/RO135313A0?cc=pt%3DRO135313A0">https://worldwide.espacenet.com/patent/search/family/078818968/publication/RO135313A0?cc=pt%3DRO135313A0</a></p>	<p>-scan/sau alte forme de identificare - print-screen baza de date WoS</p> 	<p>Acordate de org. internat. 120/ n<sub>a</sub></p> <p>Acordate de OSIM 60/ n<sub>a</sub> 60/7=8.57</p>
<p>2.6. Proiecte/ Contracte/ Granturi de cercetare-dezvoltare câștigate prin competiții naționale/internaționale</p> <p><b>Realizări:</b></p>	<p>- contract de finanțare (se va lua în calcul valoarea aferentă perioadei de evaluare atrasă în FCi)</p>	<p>15 x val/ 10 mii Lei</p> <p>20 x val / 10 mii Lei</p>

Director/  
Responsabil  
proiect  
pentru  
partener

	<p><b>2.7. Proiecte/ Contracte/ Granturi de cercetare-dezvoltare încheiate cu institute de cercetare, companii, altele.</b></p> <p><b>Realizări:</b></p> <p>2.7.2. Proiect de transfer tehnologic - Contract subsidiar nr. 10/01.08.2018 (16482/01.08.2018 - UTI) - Sistem pentru producerea lemnului sintetic aditivat cu nanomateriale utilizând deșeurii de biomasa, partener industrial GREEN RIV PROJECT SRL , durata contractului 2 ani începând cu 01.09.2018, valoare contract: 386.870 lei, Responsabil/Director contract subsidiar, Daniel LEPADATU, Valoare proiect 386.870 RON</p> <p>2.7.3 Proiect de transfer tehnologic - Contract subsidiar nr. 10/01.08.2018 (16482/01.08.2018 - UTI) - Cercetări experimentale industriale pentru producerea lemnului sintetic aditivat cu nanomateriale utilizând deșeurii de biomasa, partener industrial GREEN RIV PROJECT SRL , durata contractului 2 ani începând cu 01.09.2018, valoare contract: 213.130 RON, Responsabil/Director contract subsidiar Daniel LEPADATU</p> <p>2.7.4. Proiect transfer tehnologic: Planificarea experimentală avansată a betonului cu ciment provenit din diverse surse și optimizarea sustenabilității acestuia funcție de procesul de hidratare și a altor factori influența. Aria tematică: materiale avansate, Director – Senior Lecturer Loredana JUDELE. Coordonator științific: conf. univ. dr. ing. Daniel LEPADATU, Valoare proiect – 30 000 RON</p> <p>2.7.1. Proiect tehnologic inovativ pentru dezvoltarea unui grup de materiale de tip AIM - Advanced Inorganic Materials, Aria tematică: materiale avansate, Proiect de cercetare cu agent economic nr. 7335/2022, Cod - SIMS 120951, Director – Prof. dr. hab. Maria HARJA, <b>Membri - Cercetător în știința materialelor: conf. univ. dr. ing. Daniel LEPADATU, Valoare Proiect – 171286 RON</b></p> <p>2.7.5. Membru EFECON - Produse și tehnologii ecoinovatoare pentru eficiență energetică în construcții, Proiect cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Competitivitate 2014-2020, Componenta 1 – Apeli: POC/71/1/4/ Parteneriate pentru transfer de cunoștințe (Knowledge Transfer Partnership). Director de proiect: prof. univ. dr. ing. Dorina Isopescu, <b>Membri in echipa Daniel LEPADATU,</b></p>	<p><b>Membri</b></p> <p>Director / responsabil proiect</p> <p>- contract de finanțare (se va lua în calcul valoarea aferentă perioadei de evaluare atrasă în FC)</p>	<p>10 x val/ 10 mii Lei</p> <p>1. <math>10 \cdot 386870 \cdot 10000 = 387</math></p> <p>2. <math>10 \cdot 213130 \cdot 10000 = 213</math></p> <p>3. <math>10 \cdot 30000 \cdot 10000 = 30</math></p>	<p>20 x val / 10 mii Lei/ n<sub>a</sub></p> <p>15 x val / 10 mii Lei</p>
<p>2.8. Cereri de brevete</p> <p><b>Realizări:</b></p> <p>2.8.a. ....</p> <p>2.8.b. ....</p>	<p><b>Membri</b></p>	<p>10 x val/ 10 mii Lei / n<sub>a</sub></p> <p>1. <math>10 \cdot 171286 \cdot 10000 \cdot 9 = 19.03</math></p> <p>2. <math>10 \cdot 8862750 \cdot 60 \cdot 10000 \cdot 64 \cdot 80 = 104</math></p> <p>TOTAL = 742</p>	<p>15 x val / 10 mii Lei/ n<sub>a</sub></p>	
<p>2.9. Citări în reviste cotate ISI sau BDI</p> <p><b>Realizări:</b></p> <p>2.9.1. Număr citări WoS: 82</p> <p>2.9.2. Număr citări Scopus: 145</p> <p>2.9.3. Număr citări Google Scholar: 303</p>	<p>-cerere sau alte forme de identificare (publicare BOP/-OSIM sau internațional)</p>	<p>30/ n<sub>a</sub></p>	<p>60/ n<sub>a</sub></p>	
	<p>a. Număr citări WoS – din WoS</p> <p>b. Număr citări Scopus - se va puncta</p>	<p>a. WoS: 5 x nr 82=410</p>		

	<p>diferența dintre numărul de citări evidențiate în Scopus și numărul de citări WoS c. Număr citări Google Scholar – se va puncta diferența dintre numărul de citări evidențiate în Google Scholar și numărul de citări de la a. + b.</p>	<p>b. Scopus: 3 x (145-82) = 189</p> <p>d. Google Scholar: 2 x (303-145-82) = 152 TOTAL= 751</p>
<p>2.10. Elaborare standarde Realizări: 2.10.1. .... 2.10.2. ....</p>	<p>TOTAL= 751 - print-screen pagină cu colectiv de elaborare</p>	<p>30 x nr. standarde</p> <p>60 x nr. standarde</p>
<p>Total punctaj</p>		<p>= 1783.31</p>
<p>Total Criteriu 2</p>		<p>= Σnațional + Σinternational 1783.31</p>
<p><b>TOTAL II</b> = 1757.31 – 60 = 1697.31</p>		


<p><b>Criteriul 3. Recunoașterea națională și internațională</b></p>			
<p>3. Recunoaștere a națională și internațională V3<sub>n</sub> = val. minimă • 15 puncte prof.; • 10 puncte conf.; • 5 puncte ș. I.</p>	<p>3.1. Profesor invitat pentru prelegeri la univ. de prestigiu Realizări: 3.1.1. .... 3.1.2. .... 3.2. Membru în academii (Academia Română, AST, ASAS, AOS) Realizări: 3.2.1. .... 3.2.2. .... 3.3. Doctor Honoris Causa Realizări: 3.3.1. .... 3.3.2. ....</p>	<p>-invitația -documente justificative -documente justificative</p>	<p>5 x nr. acțiuni 10 x nr. acțiuni 50 x nr. realizări 100 x nr. realizări 25 x nr. realizări 50 x nr. realizări</p>

	<p>3.4. Membru în societăți științifice și profesionale, comisii și comitete de specialitate organizate la nivelul Guvernului</p> <p><b>Realizări:</b> 3.4.1. Membru – Asian Council of Science Editors 3.4.2. Membru - Research Data Alliance - 3.4.3. Membru - American Association for Science and Technology</p>	<p>Se punctează calitatea de membru</p>	<p>-documente justificative 3.4.1. 3.4.2. <a href="https://www.rd-alliance.org/users/daniellepadatu">https://www.rd-alliance.org/users/daniellepadatu</a> 3.4.3. <a href="http://www.aascit.org/membership/lepadatu">http://www.aascit.org/membership/lepadatu</a></p>	<p>5 x nr. realizări</p>	<p>10 x nr. realizări 10x3 =30</p>
<p>3.5. Membru în comisii de doctorat</p> <p><b>Realizări:</b></p>		<p>a. Referent științific / Preș. comis. sușt. publ. teză/teză abilitare b. Membru în comisia de coordonare</p>	<p>-documente justificative</p>	<p>5 x nr. doctoranzi</p>	<p>10 x nr. doctoranzi</p>
<p>3.6. Membru în comitete editoriale/științifice ale revistelor</p> <p><b>Realizări:</b> EBM 3.6.1. International Journal of Latest Research in Science and Technology 3.6.2. Modern Applied Science 3.6.3. Guest Editor Special Issue - Applied Science 3.6.4. Asian Journal of Materials Science 3.6.5. Asian Journal of Scientific Research 3.6.6. Research Journal of Nanoscience and Nanotechnology 3.6.7. Trends in Applied Sciences Research RBM 3.6.8. Reviewer of American Journal of Neural Networks and Applications(AJNNA) 3.6.9. IJERT - <a href="https://ems.ijert.org/editors-reviewer-list.php">https://ems.ijert.org/editors-reviewer-list.php</a> 3.6.10. Construction and Buildings Materials 2018 3.6.11. Cogent Engineering 3.6.12. JESTEC <a href="https://jestec.taylorlors.edu.my/reviewers.html">https://jestec.taylorlors.edu.my/reviewers.html</a> 3.6.13. Materials <a href="https://www.mdpi.com/journal/materials/submitter_reviewers?search=Lepadatu+">https://www.mdpi.com/journal/materials/submitter_reviewers?search=Lepadatu+</a> 3.6.14. Energies 3.6.15. Journal of Applied Life Sciences and Environment (ALSE) <a href="https://journal.alse.com/reviewers/">https://journal.alse.com/reviewers/</a></p>	<p>a. editor/guest editor b. recenzor reviste ISI c. recenzor reviste/lucrări prezentate în conferințe altele decât cele de la pct. a)</p>	<p>-documente justificative: a. printscreen cu identificarea calității de editor/guest editor b. lista din PUBLONS cu revistele la care s-au facut recenzii c. certificate pentru activitatea de recenzor</p>	<p>20 x nr. realizări EBM 6x20 = 120  10 x nr. realizări RBM 8x10 = 80</p>	<p>5 x nr. doctoranzi  1 x nr. doctoranzi  5 x nr. doctoranzi</p>	
<p>RECENZII ISI</p>	<p>ISI Nume jurnal</p>	<p>1 Maerials 46</p>			
<p>2 Buildings</p>	<p>13</p>				
<p>3 Applied science</p>	<p>8</p>				

4	Sustainability	6
5	Coatings	4
6	Symmetry	4
7	Cogent Engineering	3
8	Crystals	2
9	Land	2
10	Mathematics	2
11	Polymers	2
12	Processes	2
13	Batteries	1
14	Energies	1
15	Ppos One	2
16	Journal of Spatial Science	1
17	Sensors	1
18	Construction and Buildings Materials 2018 - 2019	4
19	JESTEC	7
<b>TOTAL</b>		<b>111</b>
<b>BDI</b>		
1	Geotechnics	3
<b>Recenzii</b>		
2	Journal of Applied Life Sciences and Environment	2
3	JESTEC	15
4	CivEng	1
5	Modern applied sciences	5
6	Meridian Ingineresc	1
7	IJERT	4
8	Academia Letters	1
		<b>32</b>

46	460
13	130
8	80
6	60
4	40
4	40
3	30
2	20
2	20
2	20
2	20
1	10
1	10
2	20
1	10
1	10
4	40
7	70
111	1110

Recezii	Punctaj	Total
46	10	460
13	10	130
8	10	80
6	10	60
4	10	40
4	10	40
3	10	30
2	10	20
2	10	20
2	10	20
2	10	20
1	10	10
1	10	10
2	10	20
1	10	10
1	10	10
4	10	40
7	10	70
111		1110
Recezii	Punctaj	Total
3	5	15
2	5	10

	<p>3.6.16 - 2018 - Sustainable Industrial Processing Summit (SIPS 2018) to be held in Rio De Janeiro, Brazil from 4-7 November 2018 – 1 publication BDI</p> <p>3.7. Membru în comitete științifice/de organizare la congrese sau conferințe naționale/ internaționale <b>Realizări:</b></p> <p>3.7.1. CIGI-Qualita21 : Conférence Internationale Génie Industriel QUALITA – 2021, Grenoble, France</p> <p>3.7.2. Membru comitetul științific - 13ème Conférence internationale de CIGI QUALITA qui aura lieu à l'école de technologie supérieure du 25 au 28 juin 2019 - <a href="https://cigiquailita2019.etsmtl.ca">https://cigiquailita2019.etsmtl.ca</a></p> <p>3.7.3. Membru Comitetul de organizare al Workshop - Economie circulara și managementul integrat al deseurilor în Contextul dezvoltării durabile sustenabile din cadrul EFECON, Facultatea de Hidrotehnica și Ingineria Mediului, 15 martie 2019, Iasi.</p> <p>3.7.4. Membru - Comitet științific Workshop Galați - Simpozion <b>Avansate și Tehnologiile Inovative</b>, 10 decembrie 2019, Galați Romania</p> <p>3.7.5. Membru în Comitetul Științific - Workshop <b>Materiale Funcționale și Tehnologiile Inovative</b> organizat de Departamentul „Știința și Ingineria Materialelor” Centrul de Cercetare „Nanostructuri și Materiale Funcționale” Sucursala A.G.I.R.- filiala Galați, 13 dec 2018.</p> <p>3.7.4. ....</p> <p>3.8. Membru în echipe de evaluare a cercetării științifice (proiecte CNCS, PNCDI II, FP7, Phare; centre de cercetare etc.) <b>Realizări:</b></p> <p>3.8.1. Competiția PTE 2019 – UEFISCDI - 2 proiecte evaluate</p> <p>3.8.2. Competiția PNRR - DOTĂRI - 2023 - UEFISCDI - 11 proiecte evaluate</p>	<p>Număr de manifestări științifice</p>	<p>15</p> <p>5</p> <p>1</p> <p>5</p> <p>1</p> <p>4</p> <p>1</p> <p>32</p> <p>5 x nr. realizări 3.6.1 – 5x1 = 5</p>		<p>-documente justificative</p> 	<p>5 x nr. realizări 5x3 =15</p> <p>10 x nr. realizări 10x2=20</p>	<p>5 x nr. acțiuni 5x13 = 65</p> <p>10 x nr. acțiuni</p>
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	<p>3.9. Membru în echipe de evaluare a procesului educațional (ARACIS, EUA etc.) Realizări: 3.9.1. .... 3.9.2. ....</p> <p>3.10. Membru în consilii/comisii naționale de specialitate organizate la nivelul Ministerelor Realizări: 3.10.1. Corpul de experți din Registrul Național al Experților pentru certificarea activității de cercetare-dezvoltare, Romania Ordinul ministrului nr. 20242/13.02.2023 3.10.2. Expert Domeniul Inginerie Civilă - Registrul experților ANACEC în domeniile cercetării și inovării, Republica Moldova Decizia Consiliului de conducere al ANACEC nr. 15 din 28 aprilie 2023 3.10.3. - Membru Comisia de evaluare propuneri de proiecte „Construirea și dezvoltarea unei rețele-pilot de școli verzi, finanțat prin PNRR, OME nr. 6425/2023</p> <p>3.11. Organizator de conferințe științifice sau workshop-uri tematice cu participare națională / internațională Realizări: 3.11.1. .... 3.11.2. ....</p> <p>3.12. Președinte/Membru în comisii de concurs pentru posturi didactice universitare Realizări: 3.12.1. .... 3.12.2. ....</p> <p>3.13. Membru în juri și comisii la concursuri profesionale (studentești, concursuri profesionale altele decât cele universitare) Realizări: 3.13.1. Member of Asian Council of Science Editors - Best Oral/Poster Presentation Award 30 NOVEMBER 2021</p> <p>3.14. Cercetător invitat pentru activități de cercetare în universități/firme de prestigiu Realizări: 3.14.1. .... 3.14.2. ....</p> <p>3.15. Cadru didactic invitat în programe ERASMUS (prelegeri) Realizări: 3.15.1. Mobilitate ERASMUS + Universitatea of Oviedo, SPANIA – iunie 2023</p>	<p>-documente justificative</p> <p>- decizie/invitație 3.10.1. <a href="https://www.research.gov.ro/ministerul-cercetarii-inovarii-si-digitalizarii-informeaaza-ca-prin-ordinul-ministrului-nr-20242-13-02-2023-a-fost-aprobata-componenta-corpului-de-experti-din-registrul-national-al-expertilor-pentru-9208/">https://www.research.gov.ro/ministerul-cercetarii-inovarii-si-digitalizarii-informeaaza-ca-prin-ordinul-ministrului-nr-20242-13-02-2023-a-fost-aprobata-componenta-corpului-de-experti-din-registrul-national-al-expertilor-pentru-9208/</a> 3.10.2. <a href="https://anacec.md/files/15.Comp letare-Registru-experti-28.04.2023.semnat.semnat.pdf">https://anacec.md/files/15.Comp letare-Registru-experti-28.04.2023.semnat.semnat.pdf</a></p> <p>-documente justificative</p> <p>-documente justificative</p> <p>-documente justificative</p> <p>-documente justificative</p> <p>-documente justificative</p>	<p>20 x nr. acțiuni</p> <p>15 x nr.comisii <b>15x3 = 45</b></p> <p>Participare națională</p> <p>10</p> <p>5</p> <p>3</p> <p>5 x nr. comisii</p> <p>5 x nr. invitații</p> <p>5 x nr. comisii</p> <p>5 x nr. invitații</p> <p>10 x nr. comisii <b>10x1=10</b></p> <p>5 x nr. invitații</p>	<p>30x nr. acțiuni</p> <p>15</p> <p>10</p> <p>5</p> <p>10 x nr. comisii</p> <p>10 x nr. invitații</p> <p>5 x nr. mobilități 5x5 = 25</p>
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	<p>3.15.2. Mobilitate ERASMUS+ Universitatea Tehnica a Moldovei, Republica Moldova – aprilie 2022</p> <p>3.15.3. Mobilitate ERASMUS + Universitatea din Angers, Franta – mai 2022</p> <p>3.15.4. Mobilitate ERASMUS – Ottawa University Canada, 2019</p> <p>3.15.5. Mobilitate ERASMUS – University Mohamed V Maroc, 2019</p>		
<p>3.16. Cadru didactic care gestioneaza acorduri bilaterale ERASMUS</p> <p><b>Realizări:</b></p> <p>3.16.1. Accord ERASMUS+ Universitatea Tehnica a Moldovei, Republica Moldova</p> <p>3.16.2. Accord ERASMUS+ Universitatea din Angers, Franta</p> <p>3.16.3. Accord ERASMUS+ Universitatea de Rouen de Normandie, Franta</p> <p>3.16.4. Accord ERASMUS+ Academia de stat din Odesa, Ucraina</p> <p>3.16.5. Accord ERASMUS+ Université Abdelmalek Essaadi Tanger, Maroc</p> <p>3.16.6. Accord ERASMUS+ Université Sidi Mohamed Ben Abdellah de Fés, Maroc</p> <p>3.16.7. Accord ERASMUS+ Université Mohammedia, Maroc</p> <p>3.15.8. Accord Erasmus – Université IBNZOHR – Maroc – 5p</p>	<p>-documente justificative</p>	<p>5 x nr. acorduri bilaterale gestionate 5x8=40</p>	
<p>3.17. Premii</p> <p><b>Realizări:</b></p> <p>3.17.1. ....</p> <p>3.17.2. ....</p>	<p>a. Academia Română</p> <p>b. Academia de Științe Tehnice, Academia Oamenilor de Știință etc.</p> <p>Articole premiate in competitia PRECISI</p> <p>Alte premii</p>	<p>-documente justificative (premiile de la punctele a. și b. se vor puncta o singură dată, perioada de referință fiind toată activitatea).</p>	<p>80</p> <p>60</p> <p>40</p> <p>10</p> <p>= 1685</p> <p>= 40</p>
<b>TOTAL III</b>		<b>Total punctaj</b>	<b>= 1725</b>
		<b>Total Criteriu 3</b>	<b>= 1725 – 5= 1720</b>

<b>Criteriul 4. Activitatea cu studenții</b>	
<p>4. Activitatea cu studenții</p> <p>V4p: val. minimă</p>	<p>4.1. Coordonare cercuri științifice studențești</p> <p><b>Realizări:</b></p> <p>4.1.1. ....</p> <p>4.1.2. ....</p> <p>Se punctează sesiunea organizată</p> <p>-documente justificative</p> <p>10</p>



<ul style="list-style-type: none"> <li>10 puncte prof.;</li> <li>7 puncte conf.;</li> <li>5 puncte ș.i.</li> </ul>	<p>4.2. Pregătire pentru concursuri profesionale (pentru fazele națională și internațională)</p> <p>Realizări:</p> <p>4.2.1. ....</p> <p>4.2.2. ....</p>			5 x nr. stud. participanți 7 x nr. mențiuni 8 x nr. premii III 9 x nr. premii II 10 x nr. premii I	10 x nr. participanți 14 x nr. mențiuni 16 x nr. premii III 18 x nr. premii II 20 x nr. premii I
	<p>4.3. Conducere lucrări de absolvire, licență (diplomă), disertație, coordonare doctoranzi</p> <p>Realizări:</p> <p>4.3.1. Nechita Sandrino – Licența – 2019</p> <p>4.3.2. Dimisca Denis, Alexandra David, Petru Iulian, Andreea Bordeianu</p> <p>4.3.3. Covalliu Mihai – Licența - 2022</p> <p>4.3.4. Mazareanu Marian, Iovita Neculai - 2021</p>	<p><math>n_s</math> = nr. studenți licență</p> <p><math>n_m</math> = nr. studenți master</p> <p><math>n_d</math> = nr. studenți doctoranzi</p>	-documente justificative	3 x $n_s$ 5 x $n_m$ 15 x $n_d$ 3x8 = 24	6 x $n_s$ 10 x $n_m$ 30 x $n_d$
	<p>4.4. Îndrumare studenți</p> <p>Realizări:</p> <p>4.4.1. Membru comisia Drd. Bejusca Andrei</p> <p>4.4.2. Membru comisia Drd. Mocanu Elena</p> <p>4.4.3. Membru comisia Drd. Ioana Diana Morariu</p>	<p>a. Îndrumător de an</p> <p>Tutore de grupă</p> <p>Comisiile de îndrumare doctoranzi</p>	- documente justificative	5 x nr. de serii 3 x nr. grupe 5 x nr. de activități 5x3=15	-
	<p>4.5. Organizarea de excursii de studii, prezentarea ofertei educaționale a universității în licee</p> <p>Realizări:</p> <p>4.5.1. ....</p> <p>4.5.2. ....</p>		-documente justificative	5 x nr. acțiuni	
	<p>4.6. Activități cu studenți ERASMUS</p> <p>Realizări:</p> <p>4.6.1. ....</p> <p>4.6.2. ....</p>	<p>a. tutoriat activități studenți outgoing</p> <p>b. tutoriat activități studenții incoming</p>	-documente justificative	2 x nr. studenți plasati 5 x nr. studenți primiti	
	<b>TOTAL IV</b>		<b>Total punctaj</b>	<b>= 39</b>	<b>= 0</b>
		<b>Total Criteriu 4</b>	<b>= 39</b>	<b>= 39 - 5 = 34</b>	

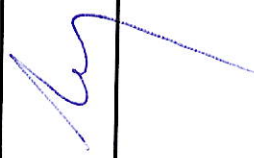
<b>Criteriul 5. Activitatea în comunitatea academică</b>				
<p>5. Activitatea în comunitatea academică</p> <p>V<sub>5b</sub>: val. minimă</p> <ul style="list-style-type: none"> <li>15 puncte prof.</li> <li>10 puncte conf.;</li> <li>5 puncte ș.i.;</li> </ul>	<p>5.1. Participare la mese rotunde, dezbateri organizate la nivelul facultății/ universității etc.</p> <p>Realizări:</p> <p>5.1.1 Participare proiect INGENIUM NETWORKING SYMPOSIUM – noiembrie 2021 – 5p</p> <p>5.1.2. Participare Webinar Web of Science - Metode de ameliorare a profilului de autor, Adriana Filip, 14.12.2022 – 5p</p> <p>5.1.3. Participare platforma WEBEX Evenimentul Omagial – Centenar Prof.univ.dr.doc. Nicolae IRIMICIUC, 14 decembrie 2021 – 1p</p> <p>5.1.4. Participare la dezbateri digitală, Adaptarea mediului universitar la sistemul hibrid de învățare, 23.11.2021 – 1p</p> <p>5.1.5 Participare, Workshop Erasmus+, 19 Iunie 2019, orele 10, în sala 0.1R "Integrating Structures into the Built</p>	-adresa web		

	<p>Environment for Sustainable Development", Conf Ancuta Rotaru. 5p</p> <p>5.1.6 Participare Workshop EFECON - ECONOMIE CIRCULARĂ ȘI MANAGEMENTUL INTEGRAT AL DEȘEURILOR IN CONTEXTUL DEZVOLTĂRII DURABILE SUSTENABILE, 15 martie 2019, orele 9:30, la Facultatea de Hidrotehnică, Geodezie și Ingineria Mediului, Sala de conferințe 1p</p> <p>5.1.7 Workshop Academia Romana - Zilele Academice Ieșene Ediția a XXXIV-a, Sisteme fuzzy în economie, Institutul De Cercetări Economice și Sociale „Gh. Zane” 24 octombrie 2019, ora 9 1p</p> <p>5.1.8 Participare prezentarea profesorului Qingbo Wen de la Universitatea Tsinghua, Beijing, China, Miercuri, 21 februarie 2018, orele 17.00, în sala 0.1R, teme - Introduction of Tsinghua University, The Lithosphere of the Earth and relevant environmental issues.5p</p> <p>5.1.9 Participare EFECON - Workshop, 24 mai 2018 1p</p> <p>5.1.10.Participare Prezentare – Erasmus - Prof. Luc COURARD, președinte al Departamentului de Arhitectură, Geologie, Mediu și Construcții, Belgia, Universitatea din Liège, Belgia, Miercuri, 21 martie 2018, orele 10, sala 0.4R, Tema - Materiale de construcții obținute din produse tehnologice reciclate.5p</p> <p>5.1.11 Participare Prezentare – Professor Andrea Segalini, Universitatea din Parma, Italia, cu tema: "Research Opportunities in University of Parma" 16. Mai 2018, Conf. Ancuta Rotaru.5p</p> <p>5.1.12 Participare Erasmus VISITING - 24. iulie 2018, Conf. Ancuta Rotaru, Tema - "Overview of Mohammedia School of Engineers, Rabat, Morocco" prezentată de domnii profesori Toufik Cherradi și Youssef Aïdor de la Universitatea Mohammed V, Rabat, Maroc. 5p</p> <p>5.1.13 Participare Mobilitate Diaspora – S I Critian CHERECHES, 24. iulie 2018, Tema - "UTILIZAREA NANOFILUIDELOR ÎN TRANSFERUL DE CĂLDURĂ CONVECTIV", MCF HDR Cătălin POPA de la Universitatea din Reims Champagne Ardenne, Franța. 5p</p> <p>5.1.14. Participare Ședința de Informare Programul RO-MD – Hotel RAMADA – 19.02.2018 – 5p</p> <p>5.1.15. Participare Ședința de Informare Programul RO-MD – Chisinau – 19.03.2018 – 5p</p>			<p>1 x nr. participări 5.1.2 - 4x1 = 4</p> <p>5 x nr. participări 11x5=55</p>
<p>5.2.Activitate în comisii</p> <p>Realizări:</p> <p>5.2.1. ....</p> <p>5.2.2. ....</p>	<p>a. Departament (Consiliu Depart., comisie practică, comisie finaliz. studii)</p> <p>b. Facultate (Consiliu Facultate, comisie promovare facultate, comisie orar, comisie raport de evaluare)</p>	<p>- document cu nominalizarea în comisii</p>		<p>3 x nr. comisii</p> <p>5 x nr. comisii</p>

	<p>5.3.Coordonare programe de studii de licență/ masterat/ postuniversitare de formare continuă Realizări: 5.3.1. .... 5.3.2. ....</p>	<p>c. Universitate (Senat, Consiliu de Administrație, CEAC, Comisie Etică etc.) Coordonare elaborare rapoarte de autoevaluare pentru autorizare provizorie/ acreditare/ evaluare periodică/ evaluare în programe ducaționale</p>	<p>7 x nr. comisii</p> <p>20 x nr. programe coordonate</p>	<p>-</p> <p>-</p>
			<p>Total punctaj = 4</p>	<p>= 55</p>
			<p>Total Criteriu 5 = 59</p>	
<p><b>TOTAL V</b></p>			<p>= 59 – 5 = 54</p>	

<p><b>TOTAL GENERAL</b></p>	<p>= 3507.19</p>
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☆ RO135313A0 SYNTHETIC-WOOD MANUFACTURING PLANT Patent Translate

Bibliographic data Description Claims Drawings Original document Citations Legal events Patent family

Applicants: UNIV TEHNICA GHEORGHE ASACHI DIN IASI [RO]; GREEN RIV PROJECT S R L [RO] +  
 Inventors: LEPĂDATU DANIEL [RO]; ISOPESCU DORINA-NICOLINA [RO]; CUCOȘ IULIAN [RO]; ANTONESCU ION [RO]; CAUNII VASILE [RO]; CUCOȘ VLAD-CĂTĂLIN [RO]; ALECU IONEL-CIFRIAN [RO]; RĂȚOI VIOREL [RO] +

Classifications  
 IPC: B27M1/02; B27N1/02; B32B23/04;

Priorities: RO202100346A 2021-06-18  
 Application: RO202100346A 2021-06-18  
 Publication: RO135313A0 2021-11-29

Published as: RO135313A0

EN RO

SYNTHETIC-WOOD MANUFACTURING PLANT

Abstract

The invention relates to a plant for producing a material, such as synthetic wood, from recyclable wastes containing biocellulose from agriculture, forestry, energy crops, as well as from plastic, mineral wastes and the like. According to the invention, the plant consists of a shredding-grinding device (1), three worm conveyors (2, 5 and 7), a stainless steel jacketed reactor (3), a pump (4), a mixer (6) with continuous mixing with adjustable rotary speed and with jacket, for steam heating, an extruder (8), the moulding head (9), a calibrating device (10), a metal strip (11), a cooling tunnel (12), a cutting device (13), a conveying truck (14), a storage (15), a hopper (21) control blocks (16, 22, 23 and 25), tanks (17 and 18), a steam generator (19), an activation tank (20) and the terminal equipment (24).

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Dr. Daniel Lepădatu

Associate Professor  
 Gheorghe Asachi Technical University of Iasi, Romania

Areas of Interest: Physical Science Engineering, Civil Engineering, Optimization, Material Engineering, Mechanical Engineering


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**Published names** ⓘ Lepadatu, Daniel Lepadatu, D Lepadatu, D

**Published Organizations** ⓘ Technical University Moldova, GH Asachi Technical University, Universite d'Angers

**Subject Categories** <sup>RETA</sup> Engineering; Environmental Sciences & Ecology; Materials Science; Construction & Building Technology; Geology

**Other Identifiers** ⓘ <https://orcid.org/0000-0002-5411-0542>

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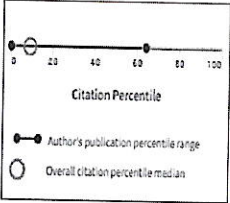
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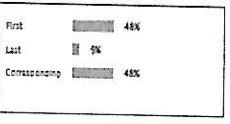
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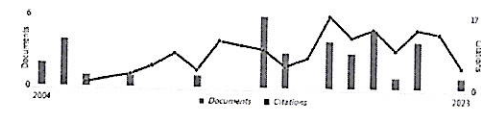
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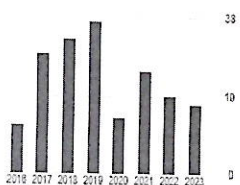
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<input type="checkbox"/>	<b>Advanced method for station point control accuracy to monitor the behaviour in service stage of civil engineering structures using geodetic satellite technology</b> DI Morariu, D Lepadatu Eighth International Conference On Advances in Civil Structural and ...	4	2018
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<input type="checkbox"/>	<b>Station points stability optimization for efficiently monitoring behavior in service stage of civil engineering structures using topo geodesic methods</b> D Morariu, L Judele, D Lepadatu, I Cucos International Multidisciplinary Scientific GeoConference Surveying Geology ...		2018



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12:30 13:00  
Coffee Break

Time: 13:00-13:10  
Thermal Conductivities Determination of Synthetic Wood with Recyclable Waste Using Advanced Experimental Method and Numerical Simulation  
by Lorefana Jidjig, Ana-Raluca Rova, Eduard Engsig, Gabriel Jandrițoiu, Daniel Lepadat

Time: 13:30 14:00 (Invitary Speech)  
Gradient Mechanics: A Revisit of Classical Laws - Hook, Newton, Fourier and Maxwell



Prof. E. C. Aifantis  
Aristotle University of Thessaloniki,  
Thessaloniki, Greece

Lunch Break 14:00-14:40

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Scientific Area: Micro and Nano Technologies  
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DOI 10.5593/sgem2023/6.1/s24.06 ISSN 1314-2704 ISBN 978-619-7603-61-3  
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	Toate	Din 2018
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TITLU

Experimental investigation of parameters influencing mechanical properties of hemp concretes using design of experiment method


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**OPTIMISATION DES CARACTERISTIQUES MECANQUES  
 DE BETON POLYMERIQUE AVEC DU CENDRE VOLANTE  
 UTILISANT LES PLANS D'EXPERIENCES NUMERIQUES**

Daniel Lepadat<sup>1</sup>, Loreliana Julede  
 (Universite Technique Gheorghe Asachi de Iasi, Roumanie)  
 Primitat Eliușari  
 (Universite Technique de Moldovie, République de Moldovie, tuteur  
 correspondant)  
 Gabriel Sandulache  
 (Universite Technique Gheorghe Asachi de Iasi, Roumanie)


**1. Introduction**  
 Ce papier présente l'optimisation numérique du béton polymère avec cendre volante à partir d'essais réels. L'écrite consiste à définir une fonction (surface de réponse) capable de prédire le comportement d'une ou plusieurs caractéristiques mécaniques en explorant différentes combinaisons (recettes) du domaine d'étude multidimensionnel. Ainsi, plusieurs plans d'expériences (1,2) numériques seront définis et réalisés, qui seront ensuite analysés statistiquement pour déterminer la zone dans l'espace multidimensionnel d'étude qui améliore les caractéristiques mécaniques étudiées.

**2. Matériel et méthodes**  
 En fait il s'agit d'un béton polymérique ayant comme facteurs d'études par plans d'expériences numériques la résine époxy - X1, le cendre volante : X2, les agrégats 1 - X3, en enfan l'agrégats 2 - X4. Le plan initial est le suivant  
 (3) et les réponses analysées sont la force de compression Y1, résistance en flexion Y2 et la déformé Y3

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27 квітня 2023 р.

2

ОДАБА Структурно-творчість та руйнування композиційних будівельних матеріалів на конструкції

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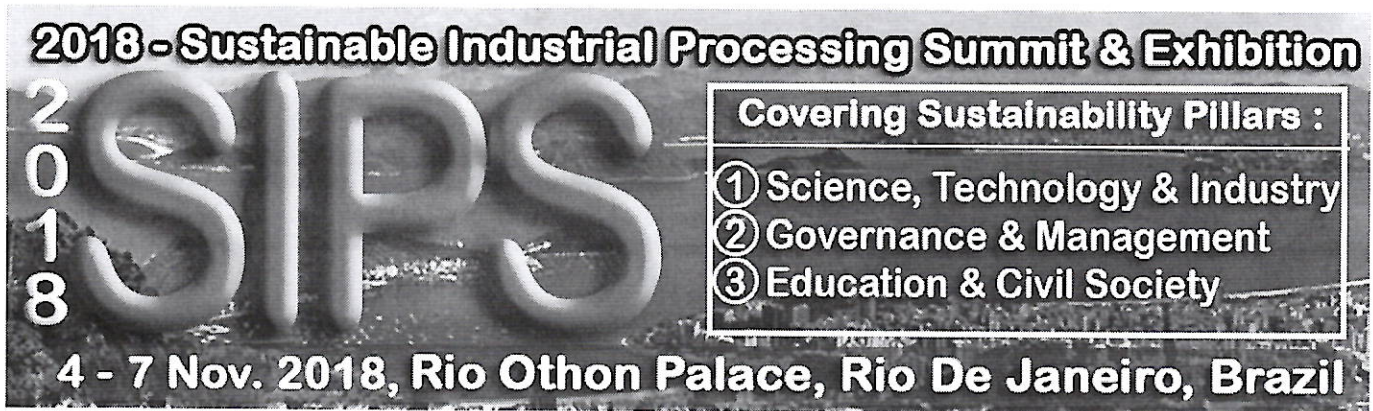
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attended the **2018 Sustainable Industrial Processing Summit** for an equivalent of 40 working /training/scientific hours in 4 days. He/she was Presenter/Author/Co-author of the following paper(s):

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- Modern Methods of Determining Road Bitumen Adhesiveness to Natural Aggregates

  
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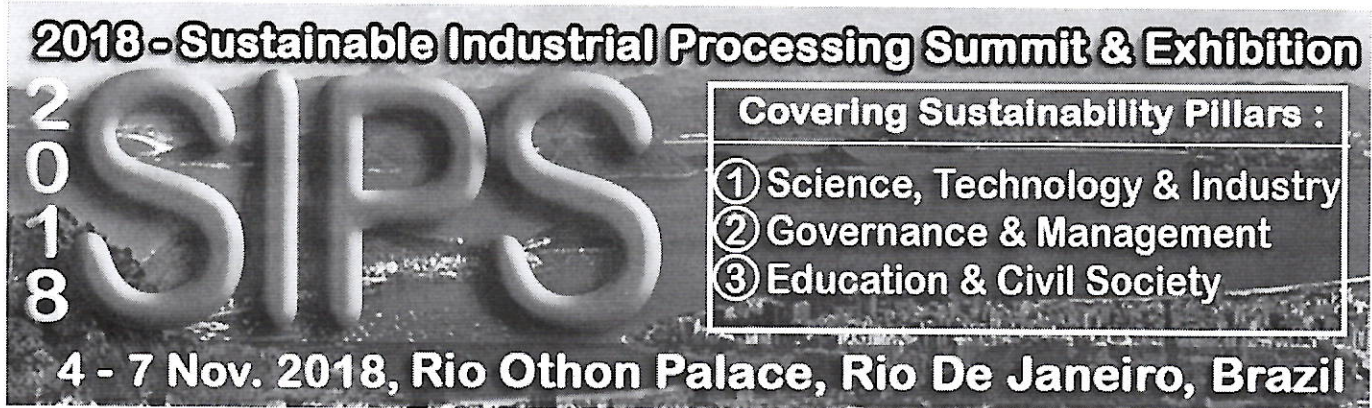
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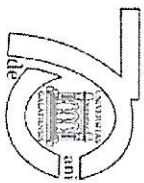
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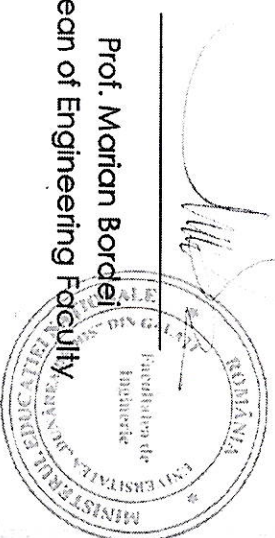
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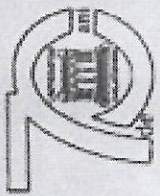
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Wednesday, January 15, 2020

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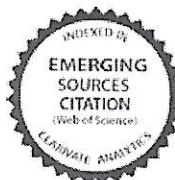
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Tuesday, May 05, 2020

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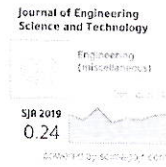
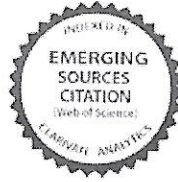
***STUDY OF THE COMPOSITIONS AND FUEL PARAMETERS OF THE EMULSION FUEL  
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Friday, July 10, 2020

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Sunday, July 19, 2020

**Letter of Appreciation**

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## FIRST SECTION WATER AND SOIL

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### PLENARY SESSION

10<sup>15</sup> – 12<sup>30</sup>

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USAMV Iasi

Studii hidrologice și hidraulice întreprinse pentru retehnologizarea unui plot de irigații cu conducte sub presiune ❖ Hydrological and hydraulic research for re-equipping an irrigated plot with pressurized pipelines

#### **MATEI GHERMAN Corina, MATEI V., GHERMAN V.**

IJTR, Iasi

AGER, Iasi

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#### **JIGAU G., TOFAN Elena**

State University, Moldova

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#### **CARDEI Mihaela**

"Gh. Asachi" Technical University, Iasi

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#### **BUTNARIU D. G., ONIGA Ersilia Valeria, STĂTESCU F.**

"Gheorghe Asachi" Technical University, Iasi

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**JUDELE Loredana<sup>1</sup>, LEPADATU D.<sup>1</sup>,  
SANDULACHE G.<sup>1</sup>, MOCREAC Viorica<sup>2</sup>**

<sup>1</sup>"Gheorghe Asachi" Technical University, Iasi

<sup>2</sup>State University, Moldova

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**LEPADATU D.<sup>1</sup>, JUDELE Loredana<sup>1</sup>,  
SANDULACHE G.<sup>1</sup>, MOCREAC Viorica<sup>2</sup>**

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**Analiza statistică a evoluției prețurilor pentru suprafețele cadastrale rezidențiale urbane Iași ❖ Statistical analysis of price evolution for residential land of urban cadaster of Iasi**

## **SECOND SECTION AGRICULTURAL TECHNOLOGIES**

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### **PLENARY SESSION**

**10<sup>15</sup> – 12<sup>30</sup>**

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**VERINGĂ Daniela**

ICDIMPH - HORTING Bucuresti

**Studii privind comportarea fructelor de vișin la păstrarea în atmosferă modificată în dioxid de carbon ❖ Studies on the behavior of the cherries in the storage with modified atmosphere of carbon dioxide**

**DRAGOMIR C.L., PARTAL Elena**

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**Influența diferitelor niveluri de aprovizionare cu apă asupra producției și a eficienței economice la cultura de porumb în condițiile din Dobrogea ❖ Influence of different levels of water supply on production and economic efficiency under maize cultivated in Dobrogea region of Romania**

**CRISTEA (MANOLE) Mali Sanda, CRISTEA Stelica, TOADER Maria,  
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USAMV Bucharest

**Flora micotică a semințelor de orz și influența lor asupra indicatorilor de calitate ❖ Barley seeds microflora and their influence on quality indicators**

**CRISTEA (MANOLE) Mali Sanda, CRISTEA Stelica, TOADER Maria**

USAMV Bucharest

Influența florei micotice a semințelor de grâu asupra indicatorilor de calitate ❖ The micoflora influence of wheat seeds on their quality indicators

**PANĂ M.<sup>1</sup>, CRISTEA Stelica<sup>1</sup>, MANOLE Mali Sanda<sup>1</sup>,  
CERNAT Sorina<sup>2</sup>, ZALĂ C.<sup>1</sup>, BERCA Lavinia Mariana<sup>1</sup>**

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**POMOHACI T. I.<sup>1</sup>, CALISTRU Anca Elena<sup>2</sup>, NAIE Margareta<sup>1</sup>, SPÂNU  
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Influența diferitelor sisteme de cultură convenționale și conservatoare cu privire la indicatorii de calitate ai solului la cultura de rapiță ❖ The influence of different conventional and conservative tillage systems on qualitative indicators of the seedbed for winter oilseed rape

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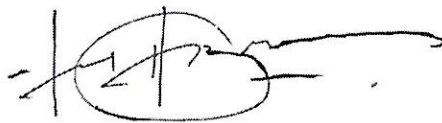
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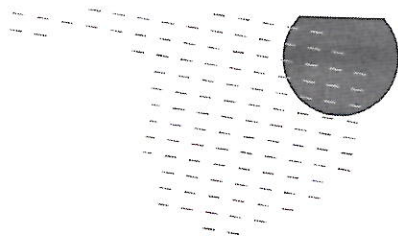
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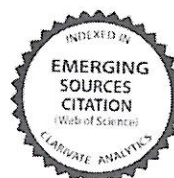
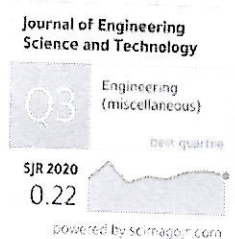
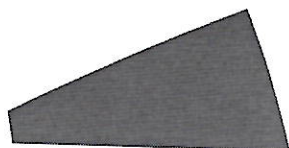
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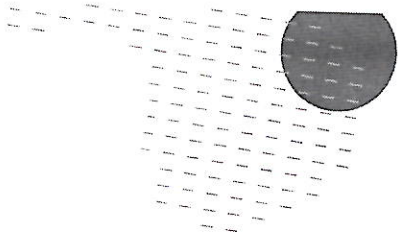
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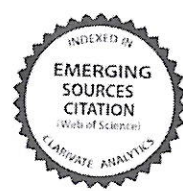
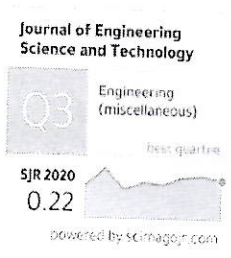
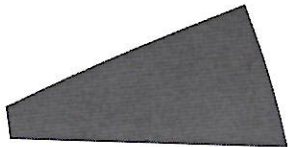
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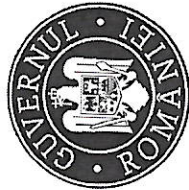
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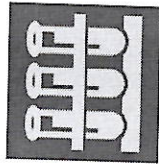
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On behalf of the Editor-in-Chief of JESTEC, Ir. Professor Dr. Satesh Narayana Namasivayam, and the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***TENSILE AND COMPRESSIVE PROPERTIES OF GLASS FIBRE REINFORCED  
POLYMER (GFRP) HYBRID COMPOSITE WITH EGGSHELL POWDER***

I am confident that with your continuous support and commitment, we will be able to maintain the quality and value of JESTEC.

With best regards

Yours sincerely



**Associate Professor Dr. Abdulkareem Sh. Mahdi Al-Obaidi, CEng MIMechE**  
Executive Editor, Journal of Engineering Science & Technology  
<http://jestec.taylors.edu.my/>

Sun 17/11/2019 8:51 AM

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Dear Associate Professor Dr. Daniel Lepadatu,

On behalf of the Editor-in-Chief of JESTEC, Ir. Professor Dr. Satish Narayana Namasivayam, and the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***BEHAVIOR OF COMPOSITE OPEN WEB  
STEEL JOIST UNDER IMPACT LOADING***

I am confident that with your continuous support and commitment, we will be able to maintain the quality and value of JESTEC.

With best regards

Yours sincerely



**Associate Professor Dr. Abdulkareem Sh. Mahdi Al-Obaidi, CEng MIMechE**  
Executive Editor, Journal of Engineering Science & Technology  
<http://jestec.taylors.edu.my/>



Wednesday, January 15, 2020

Letter of Appreciation

Dear Associate Professor Dr. Daniel Lepadatu,

On behalf of the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

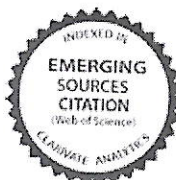
*THE ANALYSIS OF PARTICLE SIZE OF PEAT BASED  
ON THE DYNAMIC PARAMETERS*

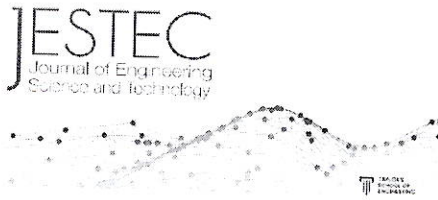
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Tuesday, May 05, 2020

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**

On behalf of the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***STUDY OF THE COMPOSITIONS AND FUEL PARAMETERS OF THE EMULSION FUEL  
BIODIESEL-AQUEOUS ETHANOL AND BIODIESEL-AQUEOUS ETHANOL-DIESEL***

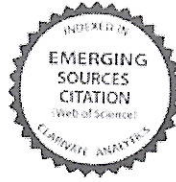
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Yours sincerely

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Executive Editor, Journal of Engineering Science & Technology  
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WEB OF SCIENCE

Friday, July 10, 2020

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**

On behalf of the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

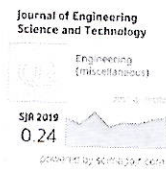
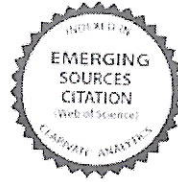
***FLEXURAL PERFORMANCE OF CONCRETE BEAMS  
REINFORCED BY GFRP BARS AND STRENGTHENED BY CFRP SHEETS***

I am confident that with your continuous support and commitment, we will be able to maintain the quality and value of JESTEC.

With best regards

Yours sincerely

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Sunday, July 19, 2020

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**

On behalf of the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

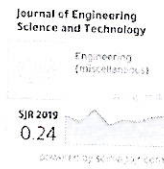
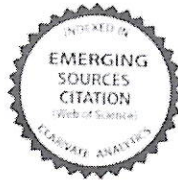
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Monday, February 15, 2021

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**

On behalf of the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***NUMERICAL STUDY ON THE AXIAL LOAD  
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I am confident that with your continuous support and commitment, we will be able to maintain the quality and value of JESTEC.

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Executive Editor, Journal of Engineering Science & Technology  
<http://jestec.taylors.edu.my/>

Friday, October 28, 2016

**Appointment of Reviewer for JESTEC**

**To Whom It May Concern:**

This is to certify that

**Dr. DANIEL LEPADATU**

is appointed as a reviewer for

**Journal of Engineering Science and Technology (JESTEC)**

since the 17<sup>th</sup> of August 2016.

Yours sincerely



**Dr. Abdulkareem Sh. Mahdi Al-Obaidi, CEng MIMechE**  
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[abdulkareem.mahdi@taylors.edu.my](mailto:abdulkareem.mahdi@taylors.edu.my)

# Certificate of Appreciation

presented to

\_\_\_\_\_ Associate Professor PhD. Hab. Daniel LEPADATU \_\_\_\_\_

in appreciation for presenting an Invited lecture at the Conference ICAMCS 2023

**3rd International Conference on Applied Mathematics & Computer Science (ICAMCS),  
Lefkada Island, Greece. August 8-10, 2023.**

With the paper

***Thermal Conductivities Determination of Synthetic Wood with Recyclable Waste Using Advanced Experimental Method and Numerical Simulation***  
by *Loredana Judele, Ana- Raluca Rosu, Eduard Proaspat, Gabriel Sandulache and Daniel Lepadatu*

**Prof. Lambros Ekonomou**

University of Pedagogical and Technological Education (ASPETE)  
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Lefkada Greece, August 10, 2023



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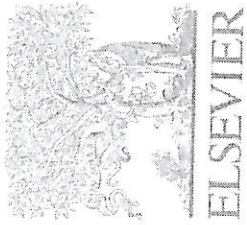
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Sun 17/02/2019 11:20 AM

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On behalf of the Editor-in-Chief of JESTEC, Ir. Professor Dr. Satesh Narayana Namasivayam, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***SLOPE STABILITY ANALYSIS OF EMBANKMEN  
OVER STONE COLUMN IMPROVED GROUND***

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With best regards

Yours sincerely



**Associate Professor Dr. Abdulkareem Sh. Mahdi Al-Obaidi, CEng MIMechE**  
Executive Editor, Journal of Engineering Science & Technology  
<http://jestec.taylors.edu.my/>

Tue 19/03/2019 9:29 PM

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**


On behalf of the Editor-in-Chief of JESTEC, Ir. Professor Dr. Satesh Narayana Namasivayam, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***MODELING OF BOND STRENGTH OF FRP-CONCRETE INTERFACE  
ON THE BASIS OF A COMPREHENSIVE EXPERIMENTAL DATABASE***

I am confident that with your continuous support and commitment, we will be able to maintain the quality and value of JESTEC.

With best regards

Yours sincerely



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Tue 02/04/2019 7:25 PM

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**

On behalf of the Editor-in-Chief of JESTEC, Ir. Professor Dr. Satesh Narayana Namasivayam, and the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***GEOTECHNICAL PROPERTIES OF RICE HUSK  
ASH-LIME-STABILISED BANGKOK CLAY***

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With best regards

Yours sincerely



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Executive Editor, Journal of Engineering Science & Technology  
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Thu 04/04/2019 1:23 PM

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**

On behalf of the Editor-in-Chief of JESTEC, Ir. Professor Dr. Satesh Narayana Namasivayam, and the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***STRENGTHENING OF STRUCTURAL STEEL CHANNELS BY DIFFERENT  
CFRP WRAPPING CONFIGURATIONS-FINITE ELEMENTS ANALYSIS***

I am confident that with your continuous support and commitment, we will be able to maintain the quality and value of JESTEC.

With best regards

Yours sincerely



**Associate Professor Dr. Abdulkareem Sh. Mahdi Al-Obaidi, CEng MIMechE**  
Executive Editor, Journal of Engineering Science & Technology  
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Wed 17/04/2019 7:58 AM

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**

On behalf of the Editor-in-Chief of JESTEC, Ir. Professor Dr. Satesh Narayana Namasivayam, and the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***NUMERICAL ANALYSIS OF COMPOSITE BEAM SUBJECTED  
TO HARMONIC FORCE VIBRATION***

I am confident that with your continuous support and commitment, we will be able to maintain the quality and value of JESTEC.

With best regards

Yours sincerely



**Associate Professor Dr. Abdulkareem Sh. Mahdi Al-Obaidi, CEng MIMechE**  
Executive Editor, Journal of Engineering Science & Technology  
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Wed 17/04/2019 7:58 AM

**Letter of Appreciation**

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**Associate Professor Dr. Abdulkareem Sh. Mahdi Al-Obaidi, CEng MIMechE**  
Executive Editor, Journal of Engineering Science & Technology  
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Thu 25/07/2019 1:21 PM

**Letter of Appreciation**

**Dear Associate Professor Dr. Daniel Lepadatu,**

On behalf of the Editor-in-Chief of JESTEC, Ir. Professor Dr. Satesh Narayana Namasivayam, and the Editorial Board, I would like to thank you for your contribution in reviewing the following paper submitted to our journal.

***SUSTAINABLE IMPROVEMENT OF GEOTECHNICAL PROPERTIES  
OF SOFT CLAY USING CRUSHED CONCRETE***

I am confident that with your continuous support and commitment, we will be able to maintain the quality and value of JESTEC.

With best regards

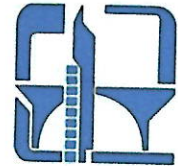
Yours sincerely



**Associate Professor Dr. Abdulkareem Sh. Mahdi Al-Obaidi, CEng MIMechE**  
Executive Editor, Journal of Engineering Science & Technology  
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**UNIVERSITATEA TEHNICĂ „GHEORGHE ASACHI” DIN IAȘI**  
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Str. Prof.dr.doc. Dimitrie Mangeron, nr. 1, municipiul Iași, cod 700050  
Tel: 0232278683, Tel/Fax: 0232233368, E-mail: decanat@ce.tuiasi.ro



**Departamentul Construcții Civile și Industriale**  
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*Disciplina – FIZICA CLADIRILOR*

*Titular*

**DANIEL LEPADATU**



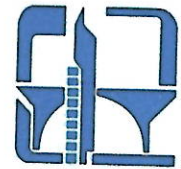
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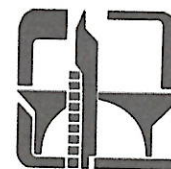
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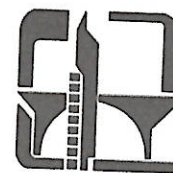
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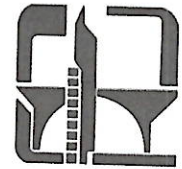
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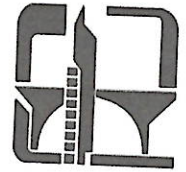
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*Titular*

**DANIEL LEPADATU**

**Fizica clădirilor,  
curs MASTER - ICL**

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la ERORILE CONSTRUCTORILOR**

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## **CURS 1**

**DANIEL LEPADATU**

Daniel LEPADATU, IASI, 2022

Curs 1 - 40 slideuri

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- 1. EXIGENTE IN CONSTRUCTII**
- 2. MODURILE DE TRANSFER DE CĂLDURĂ**
  - 1. CONDUCTIA, CONVECTIA, RADIATIA**
- 3. TRANSFERUL DE CALDURA IN CLADIRI**
- 4. CERTIFICATUL ENERGETIC**

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Curs 2 - 63 slideuri

## CUPRINS

1. PUNTI TERMICE
2. REZISTENTE TERMICE CORECTATE
  1. REZISTENTE TERMICE CORECTATE NORMATE
3. CATALOAGE DE PUNTI TERMICE
4. SOLUTII DE CORECTARE A PUNTILOR TERMICE
5. FATADE VENTILATE

Daniel LEPADATU, IASI, 2022

2

Curs 3, 4 – 20 slideuri

## CUPRINS

1. MODELAREA NUMERICA A PUNTILOR TERMICE
  1. ALGORITM DE MODELARE
2. PROGRAME DE CALCUL – MEF
  1. RDM – VERSIUNEA IN LB ROMANA
  2. CONDUCTEO
  3. THERM

2

Curs 5 - 28 slideuri

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- 1. UMIDITATEA AERULUI – TRANSFERUL DE MASA**
  1. SURSE DE UMIDITATE
  2. CONSECINTELE UMIDITATII EXCESIVE
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- 2. ELEMENTE NECESARE CALCULULUI LA CONDENS**
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- 3. ETAPELE CALCULULUI LA CONDENS**

Daniel LEPADATU, IASI 2022

Curs 6 si Curs 7 – 30 slide uri

## **Aplicații in cercetarea științifică ale noțiunilor de fizica clădirilor**

1. Prezentare si discuții pe lucrari de cercetare
2. Prezentare si discuții de soluții tehnice de reabilitare termofizica
3. Studii de caz

# INITIERE ÎN CREAȚIA TEHNICĂ

## curs anul I – inginerie civila

*Dacă nu ai făcut niciodată nici-o greșeală înseamnă că nu ai încercat niciodată nimic nou!*

*Albert Einstein*

# CREAȚIA TEHNICĂ ÎN CONSTRUCȚII

*CURS 1*

*Daniel LEPADATU*

Curs 1 - 38 slideuri

## CUPRINS

- **Introducere in CREATIA TEHNICA**
- **Profesia de INGINER CONSTRUCTOR si necesitatile ei**
- **Revolutiile industriale**
- **Constructii cu structuri speciale**
- **Concluzii**

Curs 2 - 34 slideuri

## CUPRINS

- **Inventia**
- **Potentialul creativ**
- **Tehnologii/inventii care au schimbat LUMEA**
- **Tehnologii/inventii care au ingrozit LUMEA**
- **Concluzii**

**INITIERE ÎN CREAȚIA TEHNICĂ**  
**curs anul I – inginerie civila**

Curs 3 – 35 slideuri, Curs 4 - 36 slideuri, Curs 5 - 27 slideuri

**CUPRINS**

- **Creativitatea – cerinta obligatorie in UNIVERSITATI**
- Megastructuri
- Exemple de proiecte
- Concluzii

Curs 6 13 slideuri si Curs 7 – 17 slideuri

**CUPRINS**

- **CREATIVITATEA – cerinta obligatorie in UNIVERSITATI**
- **INOVAREA – algoritm, impact, valorificare**
- **Concluzii**