

INFORMATII PERSONALE



Nume **LOREDANA JUDELE**
Adresa
Telefon Personal : 0742078824
Data nașterii 7 martie 1974
E-mail *ljudele@yahoo.co.uk*

EXPERIENTA PROFESIONALA

- Data (de – la) Din octombrie 2008 - prezent
- Numele si adresa institutiei Universitatea Tehnică Gh. Asachi din Iași, Facultatea de Construcții si Instalații, Departamentul de Beton Materiale Tehnologie și Management, 43, Bd. Prof. D. Mangeron, 700050 Iasi, România, Tel : 40 232 278683
- Funcția **Șef de lucrări universitar dr. chim.**
- Principalele activitati
 - Curs si seminarii – **Durabilitate - MASTER**
 - Curs si lucrări practice - **Chimie - LICENTA**
 - Seminarii și lucrări practice – **Materiale de Construcții - LICENTA**

- Data (de – la) Din septembrie 2000 - martie 2008
- Numele si adresa institutiei Universitatea Tehnică Gh. Asachi din Iași, Facultatea de Construcții si Instalații, Departamentul de Beton Materiale Tehnologie și Management
- Functia **Doctorand**
- Principalele activitati
 - Teza de doctorat: **"Studii privind bitumurile aditivate"**

- Data (de – la) Din septembrie 2006 - octombrie 2008
- Numele si adresa institutiei Universitatea Tehnică Gh. Asachi din Iași
Facultatea de Construcții Construcții si Instalații,
Departamentul de Beton Materiale Tehnologie și Management
- Functia **Asistent universitar**
- Principalele activitati
 - Seminarii și lucrări de laborator – **Chimie și Materiale de Construcții**

- Data (de – la) Octombrie 2006 – Iunie 2007
- Numele si adresa institutiei Universitatea Tehnică „Gheorghe Asachi” din Iași, Blvd. Prof. D. Mangeron, Nr. 67, 700050, Iași, România
- Functia **Masterand**
- Principalele activități **Master "Materiale Moderne"** organizat în cadrul catedrei BMTO și care s-a finalizat cu lucrarea de dizertație **"Bitumuri modificate cu polimeri**

- Data (de – la) Iulie 1999- Octombrie 2003
- Numele si adresa institutiei Laborator Central – Direcția Regională de Drumuri și Poduri
- Funcția **Chimist**
- Principalele activitati Analiza materialelor de constructii

EDUCATIE

SI FORMARE

- Data (de – la) Octombrie 1992– iulie 1997
- Numele si adresa institutiei Universitatea "Al.I. Cuza", Iasi, România
- Diploma eliberata Licența in **Chimie**

- Data (de – la) Din octombrie 2000 - martie 2008
- Numele si adresa institutiei Universitatea Tehnică Gh. Asachi din Iasi, Facultatea de Construcții si Instalații, Departamentul de Beton Materiale Tehnologie și Management
- Diploma eliberata **Doctor în Inginerie Civilă – Teza susținuta public în data de 28.03.2008**
–Titlu teza „*Studii privind bitumurile aditivate.*”

- Data (de – la) Octombrie 2006 – Iunie 2007
- Numele si adresa institutiei *Universitatea Tehnica Gh. Asachi Iasi - Facultatea de Constructii si Instalatii*
43, Bd. Prof. D. Mangeron, 700050 Iasi, România, Tel : 40 232 278683
- Diploma eliberata **Studii aprofundate – MASTER**
"Materiale Moderne" organizat în cadrul catedrei BMTO și care s-a finalizat cu lucrarea de dizertație "Bitumuri modificate cu polimeri"
- Specializarea
- Media **10.**

APTITUDINI PERSONALE

Limbi straine
cunoscute

Franceza - Bine
Citit, scris, vorbit

Engleza –Foarte Bine
Citit, scris, vorbit

Germana – foarte bine
Citit, scris, vorbit

Afilieri
Asociații
profesionale

Membru The **Institute of Research Engineers and Doctors – IRED**
Membru – **International Journal of Development and Sustainability (IJDS) Japan**
(ID: M171183)

Coordonator
mobilități
ERASMUS

University of Oviedo, Spain

PROIECTE
MOBILITATE

1. *Mobilitate ERASMUS+Universite de Oviedo, Spania – iunie 2023*
2. *Mobilitate ERASMUS+ Universitatea Tehnica a Moldovei, Republica Moldova – aprilie 2022*
3. *Mobilitate ERASMUS+ Universitatea din Angers, Franta – mai 2022*
4. *Proiect de mobilitate pentru cercetători, Cod - PN-III-P1-1.1-MC-2018-1049, – Director –Loredana Judele, Participare Conferinta SIPS2018 – Rio de Janeiro, Brazilia*
5. *Proiect de mobilitate pentru cercetători, Cod - PN-III-P1-1.1-MC-2017-0304, – Director –Loredana Judele, Participare Conferinta 17th International Multidisciplinary Scientific GeoConference SGEM 2017.*
6. *Proiect de mobilitate pentru cercetători cu experiența din diaspora, NANOMATERIALE si NANOTEHNOLOGII, PN-III-P1-1.1-MCD-2016-0090, Director – Loredana JUDELE. Coordonator Stiintific – Daniel LEPCATU Invitat Prof. Mircea Chipara – Universitatea Rio Grande din Texas - USA*

CĂRTI PUBLICATE

1. *Loredana Emanuela JUDELE – Îndrumător de Laborator pentru lucrări de Chimie, Editura PIM, ISBN 978-606-582-101-9, 83 pg., Iasi 2017*
2. *Actes du Ière SÉMINAIRE DOCTORAL International Francophone - PREMIERS PAS DANS LA RECHERCHE QUESTIONS ET REPOSES, Éditeur - Société Académique Matei Teiu Botez, Editors Coordonateurs - Daniel Lepadatu, Loredana Judele, ISSN 2247-4161, 160 pag. 2016.*
3. *Loredana Emanuela JUDELE -*

**RECUNOASTERE
INTERNATIONALA**

1. *Referent științific la Buletinul Tehnic al SELÇUK University, Konya, Turkey*
2. *Referent științific - International Journal of Engineering Research and Technology*
3. *SESSION CHAIRMAN - Proceedings of 18th SGEM GeoConference on Energy and Clean Technologies, June , 2018*
4. *SESSION CHAIRMAN - Proceedings of 14th SGEM GeoConference on Energy and Clean Technologies, June 19-25, 2014*
5. *SESSION CHAIRMAN - ICESA 2015 2nd International Civil Engineering & Architecture Symposium for Academicians, 16-19 May 2015 in Antalya, TURKIYE*
6. *Member of Scientific Comitee - ICESA 2015 2nd International Civil Engineering & Architecture Symposium for Academicians, 16-19 May 2015 in Antalya, TURKIYE*
7. *Membru în comitetul de organizare al Conferinței : "International Conference EBUILT (Celebrating 75 Years of Civil Engineering Higher Education in Iasi)- 2016*

Citation Impact

CITĂRI		
Web of Science	Scopus	Google Scholar
7	26	110
<i>H-index – 1</i>	<i>H-index – 3</i>	<i>H-index – 4</i>

**Vizibilitate
INSTITUTIONALA**

POSTERE

1. *Poster - L. Judele, D. Lepadatu, Statistical analysis of characteristics of slow breaking cationic emulsions used for cold waste asphalt recycling, 6th International Conference Bituminous Mixtures and Pavements, Thessaloniki, Grecia 10-12/6/2015 –*
2. *Poster - Judele L. Hohan R, Isopescu D., Alecu C. I., Caunii 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, Galati Romania.*

Anexa 1

1.1 National and international journals

Publications and participations at national and international scientific levels

1. Judele, Loredana, Eduard Proaspăt, Razvan Ionut Teodorescu, Daniel Lepadatu, and Daniel Bucur. 2023. "Comparative Studies of Thermal Conductivity Determination in Synthetic Wood with Recyclable Waste Content Using an Experimental Design Approach" *Sustainability* 15, no. 21: 15481. <https://doi.org/10.3390/su152115481>
2. 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. <https://doi.org/10.3390/su15118484>
3. Loredana Judele, Ana Raluca Rosu, Eduard Proaspat, Gabriel Sandulache and Daniel Lepadatu, Thermal Conductivities Determination of Synthetic Wood with Recyclable Waste Using Advanced Experimental Method and Numerical Simulation Proceedings of 2023 International Conference on Applied Mathematics & Computer Science (ICAMCS), pp 184-189, 2023, IEEE DOI 10.1109/ICAMCS59110.2023.00037
4. Adam, Laurentiu, Dorina-Nicolina Isopescu, Loredana Judele, Roxana Dana Bucur, and Daniel Lepădatu. 2022. "Statistical analysis of preliminary studies for hemp concrete" *Journal of Applied Life Sciences and Environment* 55, no. 2: 145-158. <https://doi.org/10.46909/alse-552052>
5. Laurentiu Adam, Dorina-Nicolina Isopescu, Loredana Judele, Roxana Dana Bucur, **Daniel Lepadatu** ISTATISTICAL ANALYSIS OF PRELIMINARY STUDIES FOR HEMP CONCRETE *Journal of Applied Life Sciences and Environment* 2022, 55(2), 145-158. <https://doi.org/10.46909/alse-552052>
6. **Daniel LEPĂDATU**, Dorina ISOPESCU, 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.
7. Loredana JUDELE, Dorina ISOPESCU, 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.
8. Lepadatu, D., Isopescu, D., **Judele, L.**, Cucos, I., Antonescu, I., Alecu, I.-C., Particularities of synthetic wood - A biomaterial with recycled waste, (2021) *Environmental Engineering and Management Journal*, 20 (4), pp. 585-592.
9. C. I. Alecu, **L. Judele**, M. Movila, D. Lepadatu, Neural network architecture optimization by analyze the mechanical characteristics of civil engineering materials, 8th International conference on material science & engineering – UgalMat 2018, 11-13 octombrie Galați, Romania, Published in IOP Conf. Ser.: Mater. Sci. Eng. 485 012001, 2019.
10. 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
11. 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(6) Pages: 1321-1328, 2018. ISI Journal*
12. Dan Babor, **Loredana Judele**, Daniel Lepadatu, Nitrate ion corrosion resistance investigation of a special mortars with slag content. *Roumanian Journal of Materials*, 2017, 47(3), pp.353 – 360. (**ISI Journal** IF – 0.612, Clarivate Analytics, 2017).
13. Irina Bliuc, Daniel Lepadatu, Adrian Iacob, **Loredana Judele**, Razvan Ionut Teodorescu, Roxana Dana Bucur, Assessment of Thermal Bridges Effect on Energy Performance and Condensation Risk in Buildings Using DoE and RSM Methods, *European Journal of Environmental and Civil Engineering*, pp:1466-1484, 2017, **ISI – Journal**, IF – 0.897.
14. Daniel LEPADATU, **Loredana JUDELE**, Gabriel SANDULACHE, Viorica MOCREAC, Civil engineering and building service topographic landmarks network. Spatial coordinate optimization, *Present Environment and Sustainable Development*, Volume 10, No. 1, pp. 171-178, **2016. ISI journal**
15. **LOREDANA JUDELE**, DANIEL LEPADATU, DIANA PLIAN, ANA-RALUCA ROSU, Estimated Adhesiveness of Asphaltic Bitumen to Natural Aggregtes Using Statistical Regression,

1.2 National and international conferences

- International Journal Of Structural Analysis & Design*, Volume 2, **2015**, Page(s):136 – 140.
16. DANIEL LEPADATU, **LOREDANA JUDELE**, ANA-RALUCA ROSU, Applying Artificial Neural Networks to Estimate the Energy Performance of Buildings, *International Journal Of Civil & Structural Engineering*, Volume 2, **2015**, Page(s):180 – 185.
 17. **L. Judele**, D. Lepadatu, A. Eduard, NEW METHOD OF DETERMINING BITUMEN ADHESION TO NATURAL AGGREGATES. INTERNATIONAL, *Journal of Academic Research Part A* 6(6), pp: 288-294, **2014**, DOI:dx.doi.org/10.7813/2075-4124.2014/6-6/A.28. . (ISI journal - Thomson Scientific Master Journal List)
 18. Daniel LEPADATU, Dorina ISOPESCU, Ion RUSU, **Loredana JUDELE**, Gabriel SĂNDULACHE, Optimization of several estimating functions by multicriterial analysis of civil engineering structure in service stage geodetic monitoring, International conference, „Interdisciplinarity and cooperation in cross-border research” 2-4 decembrie 2021, Chişinău, Republica Moldova.
1. Adam Laurentiu, Isopescu Dorina-Nicolina, Judele Loredana, Bucur Roxana Dana, **Lepadatu Daniel**, Statistical analysis of preliminary studies of hemp concrete material for buildings, Symposium of Agriculture and Food engineering Life sciences today for tomorrow, 20-21 October 2022, Iasi, Romania, <https://www.usamviasicongres.ro>
 2. Basalic Elena, Cimpoesu Nicanor, 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>
 3. 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, <https://www.usamviasicongres.ro>
 4. D. Lepadatu, D. Isopescu I. Rusu, **L. Judele**, I. Cucos. I. Antonescu, Comparative studies for thermal conductivities determination of synthetic wood with recyclable waste, International conference, „Interdisciplinarity and cooperation in cross-border research” 2-4 decembrie 2021, Chişinău, Republica Moldova.
 5. **L. Judele**, D. Isopescu I. Rusu, D. Lepadatu, Corrosion - an undesirable phenomenon for reinforcement of advanced mortars cement, International conference, „Interdisciplinarity and cooperation in cross-border research” 2-4 decembrie 2021, Chişinău, Republica Moldova.
 6. Lepadatu D., **Judele L.**, Alecu C., Caunii V., Numerical and experimental studies for thermal conductivities determination of synthetic wood with recyclable waste - Poster, UgalMat 2020 - 9th EDITION OF ON-LINE INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE & ENGINEERING, 8-9 decembrie 2020, Galati, Romania
 7. **Judele L.**, Lepadatu D., Istrate B., Scanning electron microscopy investigation of the synthetic wood with recyclable waste - Poster, UgalMat 2020 - 9th EDITION OF ON-LINE INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE & ENGINEERING, 8-9 decembrie 2020, Galati, Romania
 8. 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
 9. Daniel Lepadatu, Dorina Isopescu, Iulian Cucos, Ion Antonescu, Ionel-Ciprian Alecu, **Loredana Judele**, Synthetic wood an artificial biomaterial with universal absorption potential of recycling waste, 10th International conference on environmental engineering and management – ICEEM 10, 18-21 September 2019, Iasi Romania.
 10. **Judele L.** Hohan R, Isopescu D., Alecu C. I., Caunii 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, Galati Romania.
 11. 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.
 12. **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.
 13. **Loredana JUDELE**, Daniel LEPADATU, Ion ANTONESCU, Andrei BOBOC, Diana Ioana MORARIU, Nanotechnology in concrete materials - a powerful macro-material influenced by its nano-properties, SGEM2018 Conference Proceedings, Albena Bulgaria, pp. 331- 338, 2018.

14. Diana Ioana MORARIU, **Loredana JUDELE**, Daniel LEPADATU, Station points stability optimization for efficiently monitoring behavior in service stage of civil engineering structures using topo geodesic methods, SGEM2018 Conference Proceedings, Albena Bulgaria, pp. 963-970, 2018.
15. **Loredana Judele**, Daniel Lepadatu and Mihaela Miron, LE MECANISME D'ADHESION DE BITUME AUX GRANUATS NATURELS. L'INFLUENCE DE LA NATURE MINERALOGIQUE, SEMINAIRE DOCTORAL INTERNATIONAL FRANCOPHONE, "Etre chercheur-ça demande à travailler toujours bien", Angers, France, Mai 17-19, 2017.
16. Iulian CUCOS, Daniel LEPADATU, **Loredana JUDELE**, Ion ANTONESCU. Optimisation des architectures des réseaux des neurones pour la prédiction de la résistance du béton polymérique, SEMINAIRE DOCTORAL INTERNATIONAL FRANCOPHONE, "Etre chercheur-ça demande à travailler toujours bien", Angers, France, Mai 17-19, 2017.
17. Ana Raluca Rosu, Daniel Lepadatu, Daniel Covatariu, Dan Padure, **Loredana Judele**, NUMERICAL MODELLING FOR AN ELECTRIC POWER TRANSFORMATION STATION REGARDING SOIL – STRUCTURE INTERACTION BY FINITE ELEMENT METHOD, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, www.sgem.org, SGEM2016 Conference Proceedings, ISBN 978-619-7105-57-5 / ISSN 1314-2704, June 28 - July 6, **2016**, Book1 Vol. 3, 211-222 pp, DOI: 10.5593/SGEM2016/B13/S02.027
18. D. Lepadatu, **L. Judele**, Statistical analysis of characteristics of slow breaking cationic emulsions used for cold waste asphalt recycling - Proceedings of Bituminous Mixtures & Pavements VI – Nikolaidis (Ed.) **2015** Taylor & Francis Group, London, ISBN 978-1-138-02866-1. pp 813-819.
19. Daniel LEPADATU, **Loredana JUDELE**, Gabriel SANDULACHE, CIVIL ENGINEERING AND BUILDING SERVICE TOPOGRAPHIC PERMANENT LANDMARKS NETWORK. SPATIAL COORDINATE OPTIMIZATION, International Symposium 10th Edition - Present Environment and Sustainable Development , Iasi, Romania, 5-7 iunie 2015.
20. Daniel LEPADATU, **Loredana JUDELE**, Gabriel SANDULACHE, Raluca MITROI, Statistical analysis of price Evolution for real estate urban cadastre of Iasi. Journal of Geodesy and Cadastre, RevCAD, Vol 18, pp 99-105, **2015**.
21. G. Sandulache, D. Lepdatu, **L. Judele**, V. Mocreac Urban real estate cadaster of Iasi between past and present. Statistical analysis of price trend, Journal of Geodesy and Cadastre, RevCAD, Vol 19, pp 195-202, **2015**.
22. **L. Judele**, D. Lepadatu, Performance evaluation of Romanian modified bitumens using thermoplastic elastomer SBS - Proceedings of Bituminous Mixtures & Pavements VI – Nikolaidis (Ed.) **2015** Taylor & Francis Group, London, ISBN 978-1-138-02866-1. pp 123-126.
23. Daniel LEPADATU, **Loredana JUDELE** and Diana PLIAN, ARTIFICIAL NEURAL NETWORKS ARCHITECTURE OPTIMIZATION OF POLYMER CONCRETE, 2nd International Civil Engineering & Architecture, Symposium for Academicians, ICESA-2015, 16-19 May **2015**, Antalya, TURKIYE.
24. **Loredana JUDELE**, Daniel LEPADATU, Ionela BOTEZATU, MODERN ROADWAYS WITH DECORATIVE MIXTURE USING COLOURED ASPHALTIC EMULSION, 2nd International Civil Engineering & Architecture, Symposium for Academicians, ICESA-2015, 16-19 May **2015**, Antalya, TURKIYE.
25. **Loredana JUDELE**, Daniel LEPADATU, Gabriel SANDULACHE, Viorica MOCREAC, RECYCLABLE MATERIALS AND THEIR POTENTIAL OF USING IN THE FIELD OF AGRICULTURAL BUILDINGS, Proceedings of - Conference of agriculture and food engineering, publicata in Lucrari Stiintifice – vol. 58 (1) **2015**, seria Agronomie, pp - 177-180. (BDI).
26. Daniel LEPADATU, **Loredana JUDELE**, Gabriel SANDULACHE, Viorica MOCREAC, STATISTICAL ANALYSIS OF PRICE EVOLUTION FOR RESIDENTIAL LAND OF URBAN CADASTER OF IASI, Proceedings of - Conference of agriculture and food engineering, publicata in Lucrari Stiintifice – vol. 58 (2) **2015**, seria Agronomie, In PRESS. (BDI).
27. Gabriel SANDULACHE, Daniel LEPADATU, **Loredana JUDELE**, Viorica MOCREAC, Urban real estate cadaster of Iasi between past and present. Statistical analysis of price trend, International Symposium, Journal of Geodesy and Cadastre, RevCAD, Vol 18, pp 99-105, **2015**.
28. Daniel Lepadatu, **Judele Loredana**, D. Covatariu, G. Săndulache, Ana-Raluca Roșu, M. Diac, SPATIAL CO-ORDINATES OPTIMIZATION OF CIVIL ENGINEERING AND BUILDING SERVICES FACULTY'S TOPOGRAPHIC NETWORK USING GPS TECHNOLOGY, Proceedings of Simpozionul de Agricultură și inginerie alimentară, publicat in Lucrari Stiintifice - Seria Agronomie, nr. 57(2), pp 113-116, **2014**.
29. Daniel Lepadatu, **Loredana Judele**, Gabriel Sandulache, Raluca Mitroi, STATISTICAL ANALYSIS OF PRICES EVOLUTION FOR REAL ESTATE URBAN CADASTRE OF IASI, International Conference GEOMAT, Noiembrie - **2014**.
30. Daniel Lepadatu, **Loredana Judele**, G. Săndulache, Ana-Raluca Roșu, M. Diac EVOLUTION

- OF DISTANCE MEASUREMENT TECHNIQUES BY OPTICAL OR OPTOELECTRONICS WAY IN APPLIED TOPOGRAPHY, Proceedings of Simpozionul de Agricultură și inginerie alimentară, publicat in Lucrari Stiintifice – Seria Agronomie, nr. 57(2), pp 107-112., **2014**.
31. **Loredana Judele**, Daniel Lepadatu, Ana-Raluca Rosu, Diana Plian, ESTIMATED ADHESIVENESS OF ASPHALTIC BITUMEN TO NATURAL AGGREGATES USING STATISTICAL REGRESSION, International Conference On Advances in Civil, Structural and Environmental Engineering ACSEE – 2014, pp: 206 – 210, **2014**.
 32. Daniel Lepadatu, **Loredana Judele**, Ana-Raluca Rosu, APPLYING ARTIFICIAL NEURAL NETWORKS TO ESTIMATE THE ENERGY PERFORMANCE OF BUILDINGS, , International Conference On Advances in Civil, Structural and Environmental Engineering ACSEE – 2014, pp :267 – 272, **2014**.
 33. Marinela Barbuta, Daniel Lepadatu, Ana Nicuta, **Loredana Judele**, Raluca Mitroi,, Characterisation of polymer concrete with calcareous powder, Proceedings of 14th SGEM GeoConference on Nano, Bio And Green – Technologies For A Sustainable Future, June 19-25, pp: 57-64, Vol. 2, **2014, ISI proceedings**.
 34. Daniel Lepadatu, Marinela Barbuta, **Judele Loredana**, Raluca Mitroi, Andrei Ilas, Mechanical characteristic prediction on polymer concrete with silica fume using artificial neural network, Proceedings of 14th SGEM GeoConference on Nano, Bio And Green – Technologies For A Sustainable Future, June 19-25, pp: 235-242, Vol. 2, **2014, ISI proceedings**.
 35. Daniel Lepadatu, Marinela Barbuta, **Judele Loredana**, Iulia Balau Mindru, Alina Nicuta, Statistical analysis of protein residues addition on the mechanical proprieties of concrete, Proceedings of 14th SGEM GeoConference on Energy and Clean Technologies, June 19-25, pp: 219-226, Vol. 2, **2014, ISI proceedings**.
 36. **Judele Loredana**, Marinela Barbuta, **Daniel Lepadatu**, Structure and role of additives in bitumen adhesion to natural aggregates. Proceedings of 14th SGEM GeoConference Nano, Bio And Green – Technologies For A Sustainable Future, Conference Proceedings, June 19-25, pp: 307-314, Vol. 2. **2014, ISI proceedings**.
 37. **Judele Loredana**, Daniel Lepadatu - The computer-assisted images analysis for estimation the capacity of bitumen coverage, International Civil Engineering & Architecture Symposium for Academicians-ICESA, May **2014**, Side - Antalya-Turkey.

Anexa 2 – PROIECTE DE CERCETARE STIINTIFICĂ

	Ani	Titlul proiectului de cercetare	Rol
1.	2022 - 2023	Proiect de cercetare. Planificarea experimentală avansată a betonului cu ciment provenit din diverse surse și optimizarea sustenabilității acestuia funcție de procesul de hidratare și a altor factori influenți. Valoare – 30 000 RON, Director – Senior Lecturer Loredana JUDELE	Director
2.	2018 - 2021	Proiect de transfer tehnologic - Contract subsidiar nr. 14/26.09.2018 - Cercetări experimentale industriale pentru producerea lemnului sintetic aditivat cu nanomateriale utilizând deșeuri de biomasa, partener industrial GREEN RIV PROJECT SRL , durata contractului 2 ani începând cu 01.09.2018, valoare contract: 213.130 lei, Responsabil/Director contract subsidiar Daniel LEPADATU Valoare proiect 213 130 RON, 10*val*nr luni/10.000*nr luni contract = 10*213130*12/10000*24	Membru
3.	2018	Proiect de mobilitate a cercetătorilor , Finanțare pentru participarea la Conferința Internațională – 4th Intl. Symp. Materiale și tehnologii noi și avansate în energie, mediu și dezvoltare durabilă, Rio de Janeiro, Brazilia Lucrare - Modern methods of determination road bitumen adhesiveness to natural aggregates (prezentare orală)	Director
4.	2017	Proiect de mobilitate a cercetătorilor, Finanțare pentru participarea la Conferința Internațională – <i>Proceedings indexe par – ISI Web of Science, SGEM Vienna GREEN 2017 Scientific Conference, 27-30 novembre, Vienne, Austria</i> Paper – Cold waste asphalt recycling using fly ash, cationic emulsions and natural aggregated added((prezentare orală),	Director
5.	2016 - 2017	Organisation des Séminaires Doctoraux – en FRANÇAIS , Projet propose par Agence Universitaire de la Francophonie (AUF) et gagne par Consortium des trois universités - Université Technique Gh. Asachi Iasi – Romania , Université Technique de Modavie – République de Moldavie , Université d'Angers – France – 3 Séminaires (Membre de l'équipe) dans les trois pays participants	Membru
6.	2016	Proiect de mobilități – Cercetători din Diaspora – Invitat de onoare - Prof. MIRCEA CHIPARA UNIVERSITY OF TEXAS RIO GRANDE VALLEY – USA	Director

