

INFORMATII PERSONALE



Nume **DANIEL LEPADATU**
Adresa STR. DR. CIHAC NR. 26, IASI
Telefon Personal : 0755885424
Data nașterii 27 ianuarie 1970
E-mail *daniel.lepadatu@gmail.com*

EXPERIENȚA PROFESIONALĂ

- Data (de – la)
- Numele și adresa institutiei

Din mai 2006 - prezent

Universitatea Tehnică Gh. Asachi din Iași, Facultatea de Construcții și Instalații,
Departamentul de Construcții Civile și Industriale, 43, Bd. Prof. D. Mangeron, 700050 Iași,
România, Tel : 40 232 278683

- Funcția
- Principalele activitati

Șef de lucrări universitar dr. ing. cu norma întreagă

- Curs și lucrări practice **Topografie. Practica topografică**
- Curs – **Creație tehnică în construcții**
- Curs și seminarii – **Fizica Clădirilor, Ingineria Mediului.**
- Seminarii de **Elemente de Arhitectura.**
- **Îndrumare Licența (70 studenți), Master (5 studenți), Doctorat (3 studenți).
Membru în comisia de Licența – 2012, 2013, 2014.**
- **Membru comisia de licență – Universite d'Angers, Franța - 2015**

- Data (de – la)
- Numele și adresa institutiei

Din septembrie 2005 - aprilie 2006

Université d'Angers - Institut des Sciences et Techniques de l'Ingénieur d'Angers
(ISTIA) – LASQUO - 62, Avenue Notre Dame du Lac, 49000 - Angers, Franța

- Funcția
- Principalele activitati

Agent contractual

- Implementarea în MATLAB a unor rutine de optimizare (Metoda încercărilor accelerate – Accelerated Life Testing - ALT)

- Data (de – la)
- Numele și adresa institutiei

Din septembrie 2004 - august 2005

Université d'Angers - Institut des Sciences et Techniques de l'Ingénieur d'Angers (ISTIA)
– LASQUO - 62, Avenue Notre Dame du Lac, 49000 - Angers, Franța

- Funcția
- Principalele activitati

Attaché Temporaire de l'Enseignement et de la Recherche - ATER

- Curs și lucrări practice - **Technologia Construcțiilor și Desen Tehnic.**
- Curs - **Metodologia Suprafetelor de Raspuns.** Seminarii de **Cercetare Operatională.** Îndrumare 2 proiecte de licență.

- Data (de – la)
- Numele și adresa institutiei

Din decembrie 2001 - decembrie 2006

Université d'Angers - Institut des Sciences et Techniques de l'Ingénieur d'Angers
(ISTIA) – LASQUO - 62, Avenue Notre Dame du Lac, 49000 - Angers, Franța

- Funcția
- Principalele activități

Doctorand

- Teza de doctorat – „*Optimisation des procédés de mise en forme par approche couplées plans d'expériences, éléments finis et surfaces de réponses.*”

- Data (de – la)
- Numele și adresa institutiei

Din septembrie 1999 - decembrie 2001

Universitatea Tehnică Gh. Asachi din Iași
Facultatea de Construcții de Mașini – Catedra de Mecanică Teoretică

- Funcția
- Principalele activitati

Asistent universitar

- Seminarii de **mecanică pentru inginerii constructori.**
- **Calculul static al structurilor.**

- Data (de – la)
- Numele și adresa institutiei

Din septembrie 1990 - septembrie 1993

Ministerul Educației și Cercetării - Școala Generală Vultur, Boșârlău și Golești - Jud.
Vrancea

- Funcția
- Principalele activitati

Profesor suplinitor

- Matematica - Clasele – V-VIII.

EDUCATIE

SI FORMARE

- Data (de – la)
- Numele si adresa institutiei
- Principalele materii/competențe profesionale
- Diploma eliberata

- Media

- Data (de – la)
- Numele si adresa institutiei
- Principalele materii/competențe profesionale

- Diploma eliberata

Mențiunea

- Data (de – la)
- Numele si adresa institutiei
- Principalele materii/competențe profesionale

- Diploma eliberata

- Specializarea

- Media

- Data (de – la)
- Numele si adresa institutiei
- Principalele materii/competențe profesionale

- Diploma eliberata

Media

Din octombrie 2006 - septembrie 2007

Universitatea Tehnica Gh. Asachi Iasi - Facultatea de Hidrotehnica
65, Bd. Prof. D. Mangeron, 700050 Iasi, România, Tel/Fax: 270690, 278683

- Curs cadastru, Curs de topografie si aparate topografice.
- Curs de fotogrammetrie. Curs de cartografie matematica.
- Curs de legislatie cadastrala.

Diploma post-universitara de specializare

Curs post-universitar de cadastru, geodezie, cartografie

Disertație cu tema – Realizarea unei documentații topo-cadastrale necesare înscrierii unui imobil cu caracter nedefinitiv in cartea funciara. Îndrumător – **Prof. Gh. NISTOR**

9.90

Din decembrie 2001 - decembrie 2006

Université d'Angers - Institut des Sciences et Techniques de l'Ingénieur d'Angers (ISTIA) – LASQUO, 62, Avenue Notre Dame du Lac, 49000 - Angers, Franța

- Statistică. Analiza statistica a proceselor.
- Optimizare – Planuri de experiență. Rețele neuronale.
- Metoda suprafețelor de răspuns. Simulare numerica cu elemente finite.

Docteur de l'Université d'Angers (domaine Sciences de l'ingénieur.) – Teza susținuta public la data de 21.12.2006 - Angers- France. –Titlu teza „Optimisation des procédés de mise en forme par approche couplées plans d'expériences, éléments finis et surfaces de réponses.” – Director – Prof. A KOBİ.

Très honorable

Din septembrie 1998 - iulie 1999

Universitatea Tehnica Gh. Asachi Iasi - Facultatea de Constructii si Instalatii
43, Bd. Prof. D. Mangeron, 700050 Iasi, România, Tel : 40 232 278683

- Metode moderne de calcul si reabilitare a cladirilor.
- Metode de control nedistructiv/distructiv a elementelor structurale.
- Stagiul «**Calcul nelinier al structurilor** », Universitatea din Liège, Belgia (3 luni).

Studii aprofundate – MASTER

Protecția si Reabilitarea Clădirilor.

Disertație cu tema - Expertizarea si consolidarea elementelor de acoperis ale unei hale industriale. Îndrumător Prof. A. SECU

10.

Din septembrie 1993 - iulie 1998

Universitatea Tehnica Gh. Asachi Iasi - Facultatea de Constructii si Instalatii
43, Bd. Prof. D. Mangeron, 700050 Iasi, Roumanie, Tel : 40 232 278683

- Calculul structurilor
- Mecanica constructiilor
- Constructii civile

Inginer constructor – sectia cu predare in limba franceza.

Proiect de diploma cu tema – Resedinta unei companii cu locuință de serviciu pe structura din cadre de beton armat turnate in santier. Îndrumător Prof. I. CIONGRADI

9.38.

CALIFICARI PROFESIONALE

- 1
- 2
- 3

Conferentiar universitar – Decizia Tuiasi nr. 1136/06.06.2018

Maitre de conférence – competitie nationala – FRANTA – 2018 – 2022

Maitre de conférence – competitie nationala – FRANTA – 2008 - 2012

DISTINCTIONS

- Data (de – la)
- Tipul de bursa

Din septembrie 1996 - septembrie 1999

Bursa de merit - Universitatea Tehnica Gh. Asachi Iasi – Facultatea de Constructii

- Data (de – la)
- Tipul de bursa

Din septembrie 1997 - septembrie 1998

Bursa de excelenta - Universitatea Tehnica Gh. Asachi Iasi- – Facultatea de Constructii. Acordata pentru rezultate exceptionale obtinute pe timpul studiilor.

- Data (de – la)
- Tipul de bursa

Din martie 1999 - iunie 1999

Bursa SOCRATES ERASMUS – Stagiul la Universitatea din Liège, Belgia

- Data (de – la)
- Tipul de bursa

De décembre 2001 à décembre 2004

Bursa de DOCTORAT– Institut des Sciences et Techniques de l'Ingénieur d'Angers (ISTIA) - France

APTITUDINI

PERSONALE

Limbi străine
cunoscute

Franceza - Foarte bine
Citit, scris, vorbit

Engleza – Bine
Citit, scris

Afilieri
Asociații
profesionale

1. Expert evaluator – **BRAINMAP** - <https://www.brainmap.ro/daniel-lepadatu>
2. Membru - **Publons** - <https://publons.com/researcher/1429942/daniel-lepadatu/>
3. Membru **The Institute of Research Engineers and Doctors – IRED** – 2014-2017.
4. Membru – **Asian Council of Science Editors**
5. Membru **American Association for Science and Technology**
<http://www.aascit.org/membership/lepadatu>

Competente
organizationale

- **Membru comitetul științific** - 13^{ème} Conférence internationale de CIGI QUALITA qui aura lieu à l'école de technologie supérieure du 25 au 28 juin 2019 - <https://cigiqualita2019.etsmtl.ca>
- Membru **Comitetul de organizare al Workshop - Economie circulara si managementul integrat al deeurilor in Contextul dezvoltarii durabile sustenabile din cadrul EFECON**, Facultatea de Hidrotehnica si Ingineria Mediului, 15 martie 2019, Iasi.
- **Membru in Comitetul Științific** - Workshop **Materiale Funcționale și Tehnologii Inovative** organizat de Departamentul „Știința și Ingineria Materialelor“ Centrul de Cercetare „Nanostructuri și Materiale Funcționale” Sucursala A.G.I.R.- filiala Galați, 13 dec 2018.
- **Organisation des Séminaires Doctoraux – en FRANÇAIS**, Projet proposé par **Agence Universitaire de la Francophonie** et gagné par Consortium des trois universités - Université Technique Gh Asachi Iasi – Romania, Université Technique de Modavie – République de Moldavie, Université d'Angers – France – **Director proiect – Daniel LEPADATU**, 2016-2017.
- **Membru in echipa de organizarea Seminarului** «Evaluation des Performances techniques et sensorielles des produits industriels. Intégration de l'Innovation, de la Sécurité de Fonctionnement et de la Qualité dans les projets» organizata de « **Laboratoires LASQUO et CPNI de l'ISTIA, Université d'Angers** » - 20 iunie 2003.
- **Reprezentantul studenților in Senatul Universitatii Tehnice « Gh. Asachi » Iasi (1994 – 1999).**
- **Președintele Asociației Studenților de la Facultatea de Constructii (1994 – 1999).**

INFORMATII SUPLIMENTARE

Alte cursuri

Curs postuniversitar – Supervisor de practica tehnologica – Proiect European – POSDRU /57/1.3/S/17884 –Perioada – 2011 - 2012.

Curs AUTO CAD - Univ. Tehnica Gh. Asachi Iasi – 1997

Curs de pregătire pedagogica si psihologică pentru profesori.- Univ. Tehnica Gh. Asachi Iasi (1993-1998)

CARTI PUBLICATE

1. **Daniel LEPADATU, Dan STEFANESCU, Cristian VELICU, Elemente de fizica clădirilor si calcul higrotermic**, Editura PIM, Iasi, ISBN - 978-606-13-3629-6, 180 pag., 2017.
2. **Actes du Ière SÉMINAIRE DOCTORAL International Francophone - PREMIERS PAS DANS LA RECHERCHE QUESTIONS ET REPONSES**, Éditeur - Société Académique Matei Teiu Botez, Éditeurs Coordonnateurs - Daniel Lepadatu, Loredana Judele, ISSN 2247-4161, 160 pag. 2016.
3. **Daniel Lepadatu, Topografie pentru ingineri constructori** – Editura Societatii Academice Matei –Teiu Botez, Iași, ISBN 978-606-582-101-9, 231 pag. 2016.
4. **Daniel Lepadatu, Daniel Covatariu, Ana-Raluca Roșu, Topografie pentru Construcții – Îndrumător pentru lucrări practice** – Editura Societatii Academice Matei –Teiu Botez, Iași, ISBN – 978-606-582-003-6, 2013.

RECUNOASTERE INTERNATIONALA

1. Materials, Sustainability, Applied Sciences, Construction and Building Materials - ISI Journal
2. 2018 - Sustainable Industrial Processing Summit (SIPS 2018) to be held in Rio De Janeiro, Brazil from 4-7 November 2018
3. 2017 – Cogent Engineering - ISI Journal
4. 2012 - Structural and Multidisciplinary Optimization, ISI Journal
5. 2016 – Journal of Engineering Science & Technology, ISI Journal
6. 2015 – International Journal of Engineering Research and Technology
- 7.2017 – Journal of Modern Applied Sciences - 4 publication

REFERENT ȘTIINTIFIC

1. **Universite d Angers, France – 11 etudiants**
2. **Universite d Artois, France – 2 etudiants**

Coordonateur– Mobilites etudiantes - ERASMUS

International Visibility and Citation Impact

CITĂRI		
Web of Science	Scopus	Google Scholar
51	100	210
H-index – 3	H-index – 5	H-index – 7

Vizibilitate INSTITUTIONALA

POSTERE

1. *Poster - Salonul Cercetării Romanesti - 26-27 octombrie 2017, Ministerul Cercetării și Inovării - ECO-NANomateriale pentru CONversia și Stocarea ENergieii Solare în energie electrică colectată în căile rutiere pentru alimentarea autovehiculelor și a sistemelor de semnalizare și siguranță rutieră – Daniel LEPADATU – Autor*
2. *Postere (3 postere) prezentate la Concursul de Postere al Scolii Doctorale din Angers Franta (Anii: 2002, 2003, 2004) - Daniel LEPADATU – Autor*
3. *D. Lepadatu. Poster prezentat la DOCTORIALES DES PAYS DE LA LOIRE 2004, Septembrie, Roche sur Yon, Franta.*
4. *Poster – Grecia*
5. *Poster - Albena*

PUBLICATII

ANEXA 1

**Publicații si Participări la manifestări științifice naționale si internaționale
Proiecte de cercetare științifică**

ANEXA 2

1.1 National and international journals

Publications and participations at national and international scientific levels

1. D. I. Morariu, I. Serbanoiu, M. Miron, **D. Lepadatu**, 2019, Advanced tools for optimization and efficiently monitoring behavior in service stage of buildings using renewable energy, 8th International conference on material science & engineering – UgalMat 2018, 11-13 octombrie Galați, Romania, Published in IOP Conf. Ser.: Mater. Sci. Eng. 485 012014.
2. M. Miron, D. I. Morariu, I. Cucos, C. I. Alecu, **D. Lepadatu**, 2019, Photovoltaic panels cost optimization with flexible polymer semiconductor cells using fuzzy logic, – UgalMat 2018, 11-13 octombrie Galați, Romania, Published in IOP Conf. Ser.: Mater. Sci. Eng. 2019, 485 012013.
3. I. Antonescu, C. I. Alecu, **D. Lepadatu**, Advanced systems for heat treatment controlling of electrical furnaces, 8th International conference on material science & engineering – UgalMat 2018, 11-13 octombrie Galați, Romania, Published in IOP Conf. Ser.: Mater. Sci. Eng. 485 012002.
4. 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.
5. **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**
6. 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).
7. 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.
8. **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**
9. Marinela Barbuta, Emanuela Marin, Sorin Mihai Cimpeanu, Gigel Paraschiv, **Daniel Lepadatu**, and Roxana Dana Bucur, Statistical Analysis of the Tensile Strength of Coal Fly Ash Concrete with Fibers Using Central Composite Design, *Advances in Materials Science and Engineering*, Volume 2015 (2015), Article ID 486232, 7 pages, <http://dx.doi.org/10.1155/2015/486232>. – **IF 1.29 Journal Citation Reports released by Thomson Reuters 2017**.
10. LOREDANA JUDELE, **DANIEL LEPADATU**, DIANA PLIAN, ANA-RALUCA ROSU, Estimated Adhesiveness of Asphaltic Bitumen to Natural Aggregates Using Statistical Regression, *International Journal Of Structural Analysis & Design*, Volume 2, 2015, Page(s):136 – 140.
11. **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.
12. Marinela Barbuta, **Daniel Lepadatu**, Sorin Mihai Cimpeanu and Roxana Dana Bucur, Silica fume capitalisation for polymer concrete obtained. Multiple response optimizations of mechanical characteristics using RSM, *Journal of Food, Agriculture & Environment* 2014, Vol. 12, Issue 2, pages 867-872,.. **ISI – Journal, Impact factor: 0,517**.
13. 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)
14. Amarandei, C.M., **D. Lepadatu**, S. Caraiman, Improving the Design of Parallel Applications using Statistical Methods, *Journal of Applied Sciences* ISSN 1812-5654, Volume: 11; Issue: 6; Start page: 932-942, 2011. (**ISI journal** - Thomson Scientific Master Journal List)
15. **D. Lepadatu**, A. Kobi, X. Baguenard, Luc Jaulin , Springback of stamping process optimization using response surface methodology and interval computation. *Quality Technology and Quantitative Management*, Vol. 6, No. 4, pp. 409-421, 2009. . (**ISI journal** - Thomson Scientific Master Journal List)
16. **Daniel LEPADATU**, Irina BLIUC, Irina BARAN, Statistical process control concerning the glazed areas influence on the energy efficiency of buildings, *Bulletin of the Polytechnic Institute of Iassy*, Tom LIV (LVIII), Fasc. 2, pp: 43-52, 2008.
17. M. Barbuta, **D. Lepadatu**, Mechanical Characteristic Investigation of polymer concrete using mixture design of experiments and response surface method, *Journal of Applied Science* , [ISSN: 1812-5654], (**ISI journal - Thomson Scientific Master Journal List**), Vol 8(12), pp: 2240-2243, 2008.
18. **D. Lepadatu**, M. Barbuta, Statistical investigation of mechanical characteristics of polymer

1.2 National
and
international
conferences

- concrete using mixture design of experiments., *Bulletin of the Polytechnic Institute of Iassy*, Tom LIII(LVII), Fasc. 3-4, 2007, pp: 49-58.
19. Mihai P., Florea N. and **Daniel Lepadatu**, Special finite elements used in reinforced concrete analysis. *Bulletin of the Polytechnic Institute of Iassy*, Tom LIII(LVII), Fasc. 3-4, 2007, 43-48.
 20. **D. Lepadatu**, R. Hambli, A. Kobi, A. Barreau, Statistical Investigation of Die Wear in Metal Extrusion Process, *International Journal of Advanced Manufacturing Technology* [ISSN: 0268-3768], pp: 272-278, 28, 2006. . (ISI journal - Thomson Scientific Master Journal List)
 21. **Daniel Lepadatu**, Abdessamad Kobi and Cristian Amarandei, Computational design of experiment for process optimization. Application for bending process, *Bulletin of the Polytechnic Institute of Iassy*, Tom LII (LVI), Fasc 1-2, 2006, pp: 65-78.
 22. Mihai P., Florea N. and **Daniel Lepadatu**, New algorithm for Establishing the Behavior of Reinforced Concrete Elements, *Bulletin of the Polytechnic Institute of Iassy*, Tom LII (LVI), Fasc 3-4, 2006, pp: 59-67.
 23. Hambli R., **Lepadatu D.**, Kobi A. and Barreau A., Ductile damage variation analysis during Metal Extrusion Process using Design of experiment technique, *International Journal of Vehicle Design* [ISSN: 0143-3369], Vol. 39, Nos. 1/2, pp: 51-61, 2005. . (ISI journal - Thomson Scientific Master Journal List)
 24. **D. Lepadatu**, R. Hambli, A. Kobi, A. Barreau, Optimization of Springback in Bending Process using FEM and Response Surface Method, *International Journal of Advanced Manufacturing Technology* [ISSN: 0268-3768], pp: 40-47, 27, 2005. . (ISI journal)
1. DI Morariu, I Serbanoiu, **D Lepadatu**, Stability and Security Insurance of Special Civil Engineering Structures in Service Stage by Geodetic Monitoring, CIGI QUALITA 2019, Montréal - Canada, 25 - 28 juin 2019.
 2. **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>10.1145/3368756.3369055. <https://dl.acm.org/citation.cfm?id=3369055>
 3. **Daniel Lepadatu**, Dorina Isopescu, Iulian Cucos, Ion Antonescu, Ionel-Ciprian Alecu, Loredana Judele, Synthetic wood an artificial biomaterial with universal absorbtion potential of recycling waste, The 10th International Conference on Environmental Engineering and Management - ICEEM10, 18 - 21 September 2019, Iasi, Romania.
 4. Ion Antonescu, Dorina Isopescu, Ionel-Ciprian Alecu, **Daniel Lepadatu**, Iulian Cucos, Liviu Prună, Andrei Slonovschi, Visual LISP library of fuzzy logic functions for developing eco-design expert systems in digital prototyping environments, The 10th International Conference on Environmental Engineering and Management -ICEEM10, 18 - 21 September 2019, Iasi, Romania.
 5. Ionel-Ciprian Alecu, **Daniel Lepadatu**, Dorina Isopescu, Iulian Cucos, Ion Antonescu, Circular economy and regional intelligence specialization in construction and building materials industry, The 10th International Conference on Environmental Engineering and Management -ICEEM10, 18 - 21 September 2019, Iasi, Romania.
 6. Iulian Cucos, Ion Antonescu, Dorina Isopescu, **Daniel Lepadatu**, Vasile Caunii, Vlad-Catalin Cucos, Advanced system control for hydrogen conversion with plasma of industrial hazardous recyclable liquid waste, The 10th International Conference on Environmental Engineering and Management -ICEEM10, 18 - 21 September 2019, Iasi, Romania.
 7. Iulian Cucos, Ion Antonescu, Dorina Isopescu, **Daniel Lepadatu**, Vasile Caunii, Vlad-Catalin Cucos, Hydrogen plasma conversion system of municipal recyclable waste in energy, The 10th International Conference on Environmental Engineering and Management -ICEEM10, 18 - 21 September 2019, Iasi, Romania.
 8. RATA Ovidiu, **LEPADATU Daniel**, Modelarea și optimizarea structurii pentru o clădire agro-zootehnică, Modelization and optimization of agro-zootechnical building structure cu deschidere mare/Structural elements optimization for agro-zootechnical buildings with large openings, Proceedings of international Conference of Agriculture and Food engineering, 17-18 octombrie 2019, va publicat in *Lucrări Științifice – vol. 62 (2) /2019* , seria Agronomie.
 9. Diana-Ioana Morariu, Ion Serbanoiu, **Daniel Lepadatu**, Multicriterial optimization of topo-geodetic techniques for behavior monitoring in service stage of civil engineering structure, International conference CIBv2019 civil engineering and building services, 1 – 2, November 2019, Brasov, 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 nternațională - 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. Diana Ioana Morariu, **Daniel LEPADATU**, Advanced method for station point control accuracy to monitor the behaviour in service stage of civil engineering structures using geodetic satellite technology, Proc. of Eighth International Conference On Advances in Civil, Structural and Mechanical Engineering - ACSM 2018, Paris 23-24 June, DOI : 10.15224/978-1-63248-154-2-12, Page(s) : 22 – 26, 2018,
16. Diana-Ioana Morariu, **Daniel LEPADATU**, (2017) „ Geodetic monitoring of buildings in service stage and identification of structural degradation causes ” lucrare publicată în volumul conferinței internaționale „Geomat 2017”, secția Geodesy and Cartography, Engineering Geodetic Measurements, Photogrammetry and Remote Sensing, 23-24 noiembrie 2017, Iași, lucrare publicată în Buletinul Institutului Politehnic din Iași-Secția Hidrotehnică, Volumul nr.2, 2018
17. Diana-Ioana MORARIU, **Daniel LEPADATU**, TOPO-GEODETIC MODERN METHODS AND TECHNIQUES FOR BUILDING MONITORING PROCESS, International Agriculture and Food Engineering Symposium – Section Eau et Sol, 19-20 octobree, 2017, Iasi, Romania.
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Anexa 2 – PROIECTE DE CERCETARE STIINTIFICĂ

	Année	Titre du projet de recherche	Rôle
1.	2019	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 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	DIRECTEUR
2.	2019	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 deșeuri de biomasa, partener industrial GREEN RIV PROJECT SRL , durata contractului 2 ani începând cu 01.09.2018, valoare contract: 391.870 lei, Responsabil/Director contract subsidiar, Daniel LEPADATU	DIRECTEUR
3.	2018	Projet de mobilité des chercheurs, Financement pour la participation au Conférence Internationale – 4th Intl. Symp. New and Advanced Materials and Technologies in Energy, Environment and Sustainable Development , Rio de Janeiro, Brazilia Papier - Advanced Design of Experiment and Optimization Methods for New Building Materials Developed in Civil Engineering, Director - Senior Lecturer Daniel LEPADATU	DIRECTEUR
4.	2018	Projet de recherche – CECURI DE INOVARE Inovative system for conversion and storage solar energy in electrical energy collected into roads for vehicle supply and signaling systems and road safety, PN-III-P2-2.1-CI-2018-1281, Director. Daniel LEPADATU, Castigat prin competitie nationala - Necontractat	DIRECTEUR
5.	2017	Projet de mobilité des chercheurs de la diaspora - Dezastru naturale, analiză de risc și siguranță în infrastructura hidrotehnică, PN-III-P1-1.1-MCD-2017-0022, – Director – Iulian CUCOS Invitat de onoare – Prof. Ioan NISTOR , UNIVERSITY of OTTAWA, CANADA	COORDINATOR STIINTIFIQUE
6.	2017	Projet de mobilité des chercheurs, Financement pour la participation au Conférence Internationale – <i>Proceedings indexe par – ISI Web of Science</i> , SGEM Vienna GREEN 2017 Scientific Conference, 27-30 novembre, Vienne, Autriche Papier - PARAMETERS INFLUENCE ON COMPRESSIVE STRENGTH OF FLY ASH GREEN CONCRETE WITH FIBERS USING A MODERN RESPONSE SURFACE METHOD, Auteur- Senior Lecturer Daniel LEPADATU (présentation orale) ,	DIRECTEUR
7.	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	DIRECTEUR
8.	2016	Projet de mobilité des chercheurs de la diaspora – Invitat de onoare - Prof. MIRCEA CHIPARA UNIVERSITY OF TEXAS RIO GRANDE VALLEY – USA	Membre
9.	2014 -2015	Projet de recherche Des études concernant les planifications expérimentales et le comportement dans le temps des travaux de réhabilitation au froid avec comme adjuvants des agrégats naturelles, ciment, ceindre volante et l’émulsion bituminée cationique avec de la rupture lente, couverte par deux couches des revêtements bitumineux mise en œuvre au froid ou dans des autres couches asphaltique – propose par SC BITUNOVA ROMANIA SRL avec Technical University of Iasi., Directeur – Senior Lecturer Loredana JUDELE , La valeur du Contrat – 10000 euro	COORDINATOR STIINTIFIQUE
10.	2008	Projet de recherche CONTRAT nr. 434/22.12.2009, (UAUIM-CCPEC nr. 23/22.12.2009), Bénéficiaire: Ministère du Développement Régionale et du Truisme – MDRT – Thème – CATALOGUE DE PONTS THERMIQUES POUR LES BATIMENTS - Etude concernant l’évaluation des coefficients linéaire de transfert thermique par une relation mathématique avec l’utilisation des données obtenue par simulation numérique , Directeur – Prof. Irina BLIUC , Membres - D. Lepădatu, A. Iacob	Membre
11.	2006	Projet européen EUREKA/PIDEA, Implémentation dans MATLAB des routines d’optimisation, Directeur Professeur Bernard Dumon – Université d’Angers, France	Membre
12.	2001-2006	Membres sur 5 autres projets de recherche nationaux	Membre