

## INFORMATII PERSONALE

**Author ID**  
**Web of science<sup>1</sup>**  
**ORCID<sup>2</sup>**  
**Scopus<sup>3</sup>**



Nume	DANIEL LEPADATU
Adresa	
Telefon	Personal :
Data nașterii	
E-mail	

## SCOPUL

### EXPERIENTA PROFESIONALA

- din septembrie 2022 - prezent

- Numele si adresa instituției

- Principalele activități

- din mai 2006 – prezent)

- Numele si adresa instituției

- Principalele activități

- Data (de – la)

- Numele si adresa instituției

- Funcția

- Principalele activități

- Data (de – la)

- Numele si adresa instituției

- Funcția

- Principalele activități

*participare concurs post de conferențiar*

### Conferențiar universitar dr. ing. abil.

**Universitatea Tehnica a Moldovei, Facultatea de Urbanism si Arhitectura, Departamentul Ingineria Infrastructurii Transporturilor** - Chișinău, bd. Ștefan cel Mare și Sfânt, 168; tel. +373 22 23 53 44, +373 22 23 54 57

- Curs Licența – Întreținerea Drumurilor**
  - Lucrări de laborator - *Evaluarea stării de degradare a unui sector de drum cu propunerea soluției de reabilitare - proiect*
- Curs Master – Economie circulară – managementul materialelor sustenabile in construcții**
  - Lucrări de laborator
    - Managementul deșeurilor reciclabile in economia circulara pentru construcții*
    - Metode moderne de investigare si testare a materialelor sustenabile*
    - Metode avansate de planificare experimentală si optimizare a materialelor*
- Îndrumare teze disertație – Master – 9 teze (4 finalizate, 5 in curs)**

### Șef lucrări univ. dr. ing. din 2006

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

- Master**
  - Curs si seminarii – *Modelarea numerica a fenomenelor de transfer de masa si căldura*
- Licența**
  - Curs si lucrări practice **Topografie. Practica topografica**
  - Curs – **Creație tehnica in construcții**
  - Curs – **Ingineria Mediului.**
  - Seminarii de **Elemente de Arhitectura.**
- Îndrumare Licența - peste 77 studenți**
- Îndrumare Master - 8 studenți**
- Îndrumare Doctorat (membru in comisia de îndrumare 7 studenți doctoranzi.**
- Membru comisia de licență**
  - Universite d'Angers, ISTIA, Franța – 2005**
  - Universitatea Tehnica Gheorghe Asachi din Iași, Facultatea de Construcții si Instalații – 2012, 2013, 2014**

**Din septembrie 2005 - aprilie 2006**

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

#### **Agent contractual**

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

**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, Franta

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

- Curs si lucrări practice - **Technologia Constructiilor si Desen Tehnic.**
- Curs - **Metodologia Suprafețelor de Răspuns.** Seminarii de **Cercetare Operațională.** Îndrumare 2 proiecte de licență.

<sup>1</sup> <https://www.webofscience.com/wos/author/record/H-6846-2016>

<sup>2</sup> <https://orcid.org/0000-0002-5411-0542>

<sup>3</sup> <https://www.scopus.com/authid/detail.uri?authorId=55939318300>

- Data (de – la)
- Numele si adresa instituției
- Funcția
- Principalele activități

#### Mențiune

- Data (de – la)
- Numele si adresa instituției
- Funcția
- Principalele activități
- Data (de – la)
- Numele si adresa instituției
- Funcția
- Principalele activități

## EDUCAȚIE

### SI FORMARE

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

#### Media

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

#### Diploma eliberata

#### Mențiunea

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

Din decembrie 2001 - decembrie 2006

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

#### Doctorand, domeniul științe ingineresti

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

Din septembrie 1999 - decembrie 2001

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

#### Asistent universitar

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

Din septembrie 1990 - septembrie 1993

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

#### Profesor suplinitor

- Matematica - Clasele – V-VIII.

Din octombrie 2006 - septembrie 2007

Universitatea Tehnică Gh. Asachi Iași - Facultatea de Hidrotehnică  
65, Bd. Prof. D. Mangeron, 700050 Iași, România, Tel/Fax: 270690, 278683

- Curs cadastru, Curs de topografie și aparate topografice.
- Curs de fotogrammetrie. Curs de cartografie matematică.
- Curs de legislație cadastrală.

#### Diploma post-universitară de specializare

#### Curs post-universitar de cadastru, geodezie, cartografie

Disertație cu tema – Realizarea unei documentații topo-cadastrale necesare înscrierii unui imobil cu caracter nedefinitiv în cartea funciară. 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 statistică a proceselor.
- Optimizare – Planuri de experiențe. Rețele neuronale.
- Metoda suprafețelor de răspuns. Simulare numerică cu elemente finite.

**Docteur de l'Université d'Angers (domaine Sciences de l'ingénieur.)** – Teza susținută 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, Domeniul Științe ingineresti

Din septembrie 1998 - iulie 1999

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

- Metode moderne de calcul și reabilitare a clădirilor.
- Metode de control nedistructiv/distructiv a elementelor structurale.

e profesionale

- **Diploma eliberata**
- Specializarea
- **Media**

- Stagiul «**Calcul neliniar al structurilor**», Universitatea din Liège, Belgia (3 luni).

#### **Studii aprofundate – MASTER**

##### **Protecția și Reabilitarea Clădirilor.**

Disertație cu tema - Expertizarea și consolidarea elementelor de acoperiș ale unei hale industriale. Îndrumător **Prof. A. SECU**

10.

• Data (de – la)

- Numele și adresa instituției
- Principalele materii/competențe profesionale
- **Diploma eliberata**
- **Media**

Din septembrie 1993 - iulie 1998

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

- Calculul structurilor
- Mecanica construcțiilor
- Construcții civile

##### **Inginer constructor – secția cu predare în limba franceză.**

Proiect de diplomă cu tema – Reședința unei companii cu locuință de serviciu pe structura din cadre de beton armat turnate în șantier. Îndrumător **Prof. I. CIONGRADI**

9.38.

## **CALIFICARI PROFESIONALE**

1

**Abilitare cu drept de conducere doctorat - decizia nr. 13 din 07 iulie 2023 a Consiliului de conducere al ANACEC – Republica MOLDOVA**  
**Profilul – Ingineria construcțiilor**  
**Specializarea - Materiale de construcții, elemente și edificii**

2

**Conferențiar universitar – Decizia TUIASI nr. 1136/06.06.2018**

3

**Maitre de conférences – competiție națională – FRANTA – 2018**

4

**Maitre de conférences – competiție națională – FRANTA – 2008**

## **DISTINCTIONS**

- Data (de – la)
- Tipul de bursa

Din septembrie 1996 - septembrie 1999

**Bursa de merit** - Universitatea Tehnică Gh. Asachi Iași – Facultatea de Construcții

- Data (de – la)
- Tipul de bursa

Din septembrie 1997 - septembrie 1998

**Bursa de excelență** - Universitatea Tehnică Gh. Asachi Iași – Facultatea de Construcții. Acordată pentru rezultate excepționale obținute pe timpul studiilor.

- Data (de – la)
- Tipul de bursa
- Data (de – la)
- Tipul de bursa

Din martie 1999 - iunie 1999

**Bursa SOCRATES ERASMUS – Stagiul la Universitatea din Liège, Belgia**

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**      Engleza – Bine  
**Citit, scris, vorbit**      Citit, scris, inteles

Competențe organizatorice

- **Membru comitetul științific** - 13ème Conférence internationale de CIGI QUALITA qui aura lieu à l'école de technologie supérieure du 25 au 28 juin 2019 - <https://cigiquality2019.etsmtl.ca>
- **Membru Comitetul de organizare al Workshop - Economie circulară și managementul integrat al deșeurilor în Contextul dezvoltării durabile sustenabile din cadrul EFECON**, Facultatea de Hidrotehnică și Ingineria Mediului, 15 martie 2019, Iași.
- **Membru în 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**, Proiect propus par **Agence Universitaire de la Francophonie** et gagné par Consortium des trois universités - Université Technique Gh Asachi Iași – România, 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

1. Perioada 12-13 dec 2022, **Seminar Jean Monnet good practices in the context of European Studies and EU promotion**, 10 ore, Coordonator Proiect Elena SIMINIUC, Universitatea de stat a Moldovei
2. **Curs postuniversitar** – Supervisor de practica tehnologica – Proiect European – POSDRU /57/1.3/S/17884 –Perioada – 2011 - 2012.
3. **Curs AUTO CAD** - Univ. Tehnica Gh. Asachi Iasi – 1997
4. **Curs de pregătire pedagogica si psihologică** pentru profesori.- Univ. Tehnica Gh. Asachi Iasi (1993-1998)

## RECUNOASTERE INTERNATIONALA

Citation Impact

CITĂRI		
Web of Science	Scopus	Google Scholar
92 <i>H-index – 5<sup>4</sup></i>	175 <i>H-index – 6<sup>5</sup></i>	343 <i>H-index – 8<sup>6</sup></i>

Coordonator  
Acorduri ERASMUS

1. Acord ERASMUS+ Universitatea Tehnica a Moldovei, Republica Moldova
2. Acord ERASMUS+ Universitatea din Angers, Franta
3. Acord ERASMUS+ Universitatea de Rouen de Normandie, Franta
4. Acord ERASMUS+ Academia de stat din Odesa, Ucraina
5. Acord ERASMUS+ Université Abdelmalek Essaadi Tanger, Maroc
6. Acord ERASMUS+ Université Sidi Mohamed Ben Abdellah de Fés, Maroc
7. Acord ERASMUS+ Université Mahommédia, Maroc

Cerere BREVET

**Cerere Brevet nr. RO135313A0**, Lepădatu Daniel, Isopescu Dorina-Nicolina, Cucos Iulian, Antonescu Ion, Caunii 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

<https://worldwide.espacenet.com/patent/search/family/078818968/publication/RO135313A0?q=pn%3DRO135313A0>

## INFORMATII SUPLIMENTARE

Proiecte de mobilitate

1. Mobilitate Erasmus+ – Universite de Rouen Normandie – France, apr. 2024
2. Mobilitate ERASMUS+ – **University Mohamed V Maroc**, 2024, mai 2024
3. Mobilitate ERASMUS+ Universite de Oviedo, **Spania** – iunie 2023
4. Mobilitate ERASMUS+ Universitatea Tehnica a Moldovei, **Republica Moldova** – aprilie 2022
5. Mobilitate ERASMUS + Universitatea din **Angers, Franta** – mai 2022
6. Mobilitate ERASMUS+ – **Ottawa University Canada**, 2019
7. Mobilitate ERASMUS+ – **University Mohamed V Maroc**, 2019
8. **Proiect de mobilitate** pentru cercetători, Cod - PN-III-P1-1.1-MC-2018-1049, – Director –Daniel LEPADATU, Participare Conferinta SIPS2018 – Rio de Janeiro, Brazilia
9. **Proiect de mobilitate** pentru cercetători, Cod - PN-III-P1-1.1-MC-2017-0304, – Director –Daniel LEPADATU, Participare Conferința 17th International Multidisciplinary Scientific GeoConference SGEM 2017.
10. **Proiect de mobilitate** pentru cercetători cu experiența din diaspora, Dezastre naturale, analiză de risc și siguranță în infrastructura hidrotehnică,

<sup>4</sup> <https://www.webofscience.com/wos/author/record/H-6846-2016>

<sup>5</sup> <https://www.scopus.com/authid/detail.uri?authorId=55939318300>

<sup>6</sup> <https://scholar.google.ro/citations?hl=ro&user=IVyWBbgAAAAJ>

PN-III-P1-1.1-MCD-2017-0022, – Director – Iulian CUCOS. Coordonator Științific – Daniel LEPCATU, Invitat Prof. Ioan NISTOR – Universitatea din Ottawa CANADA

11. **Proiect de mobilitate** pentru cercetători cu experiența din diaspora, NANOMATERIALE și NANOTEHNOLOGII, PN-III-P1-1.1-MCD-2016-0090, Director – Loredana JUDELE. Coordonator Științific – Daniel LEPCATU Invitat Prof. Mircea Chipara – Universitatea Rio Grande din Texas – USA

#### Publicații

- Autor/prim autor: **4 cărți**
- Autor/coautor: **142 articole publicate**, din care:
  - 28 în reviste indexate **ISI Web of Science / Web of Knowledge**
  - 8 în volumele unor **conferințe internaționale** și simpozioane **indexate ISI Web of Science / Web of Knowledge**
  - 29 în **reviste și manifestări științifice internaționale** indexate în **BDI**
  - 77 în volume ale unor conferințe internaționale neindexate
  - 10 în volume ale unor conferințe naționale

#### Proiecte/Granturi

- 19 Proiecte pe bază de contract din care:
  - **Director 8 din care 2 Internaționale**
  - **Membru în 9 granturi** de cercetare obținute prin competiție națională
  - **2 proiect de cercetare/consultanță** (în calitate de **coordonator științific**)

#### AFILIERI

Membru al The Institute of Research Engineers and Doctors – IRED  
 Membru – Asian Council of Science Editors - <https://theacse.com/directory.php>  
 Membru - Research Data Alliance - <https://www.rd-alliance.org/users/daniellepcatu>  
 Membru - American Association for Science and Technology  
<http://www.aascit.org/membership/lepcatu>

#### Editorial Board member

1. Modern Applied Science  
<https://ccsenet.org/journal/index.php/mas/editor>
2. Asian Journal of Materials Science  
<https://scialert.net/eboard.php?issn=1996-3394>
3. Asian Journal of Scientific Research  
<https://scialert.net/eboard.php?issn=1992-1454>
4. Research Journal of Nanoscience and Nanotechnology  
<https://scialert.net/eboard.php?issn=1996-5044>
5. Trends in Applied Sciences Research  
<https://scialert.net/eboard.php?issn=1819-3579>

#### Reviewer Board member

1. Buildings  
[https://www.mdpi.com/journal/buildings/submission\\_reviewers](https://www.mdpi.com/journal/buildings/submission_reviewers)
2. Materials  
[https://www.mdpi.com/journal/materials/submission\\_reviewers](https://www.mdpi.com/journal/materials/submission_reviewers)
3. Journal of Engineering Science and Technology  
<https://jestec.taylors.edu.my/reviewers.html>
4. International Journal of Engineering Research & Technology  
<https://ems.ijert.org/editors-reviewer-list.php?tpages=194&page=1;page=30>

#### Recenzor

17 jurnale ISI  
 Total peste 170 de  
 lucrări recenzate  
 din care  
 141 recenzii  
 in jurnale ISI

#### Recenzor

Conferințe  
 internaționale

**Expert Evaluator  
 proiecte**

1. Materials, Land, Buildings, Applied Sciences, Processes, Coatings, Polymers, Sustainability, CivilEng, Mathematics, Journal of Marine Science and Engineering, Symmetry, Batteries, Crystals, Sensors, Energies, Geosciences
1. Sustainable Industrial Processing Summit (SIPS 2018) to be held in Rio De Janeiro, Brazil from 4-7 November 2018
2. 2021 - CIGI-Qualita21 : Conférence Internationale Génie Industriel QUALITA – Grenoble, France
3. CIGI - Qualita19 : Conférence Internationale Génie Industriel QUALITA – Montreal, Canada
4. 2019 - Comitet științific Workshop Galati - Simpozion național cu participare internațională - Materiale Avansate și Tehnologii Inovative, 10 decembrie 2019, Galati Romania
- 2 proiecte evaluate – **Competiția PTE 2019 – UEFISCDI Romania**
- 17 proiecte evaluate – **Competiția PNRR - DOTĂRI - 2023 - UEFISCDI Romania**
- 1 proiect evaluat – **Competiția - Concursul proiectelor bilaterale moldo-turce pentru anii 2024-2025ANCD; Republica MOLDOVA**
- 1 proiect evaluat – **Competiția - GnaC ARUT 2023** finantat de UTCB Romania
- 24 proiecte evaluate - apelul în colaborare cu UEFISCDI „Sprijinirea în noi capacități de producere a energiei electrice produse din surse regenerabile pentru autoconsum pentru entități publice”, din cadrul Programului-cheie 1 - Surse regenerabile de energie și stocarea energiei, finanțat prin Fondul pentru Modernizare, derulat de Ministerul Energiei (ME)
- **Membru comisia de evaluare a proiectelor** depuse în cadrul apelului competitiv **Construirea și dezvoltarea unei rețele-pilot de școli verzi, finanțat din PNRR - OME nr. 6425/2023**

**Membru Corpul de  
 Experți**



- **Corpul de experți din Registrul National al Experților pentru certificarea activității de cercetare-dezvoltare, Romania** Ordinul ministrului nr. 20242/13.02.2023, <https://www.mcid.gov.ro/wp-content/uploads/2023/02/5-Componenta-Corpului-de-experti-.pdf>
- **Domeniul de specializare inteligentă la nivel național: Materiale funcționale avansate**
  - <https://www.research.gov.ro/ministerul-cercetarii-inovarii-si-digitalizarii-informeaza-ca-prin-ordinul-ministrului-nr-20242-13-02-2023-a-fost-aprobata-componenta-corpului-de-experti-din-registrul-national-al-expertilor-pentru-9208/>
- **Registrul experților ANACEC - Domeniul Inginerie Civila** in cercetare și inovare, Republica Moldova Decizia Consiliului de conducere al ANACEC nr. 15 din 28 aprilie 2023
  - <https://anacec.md/files/15.Completare-Registru-experti-28.04.2023.semnat.semnat.pdf>

**Chairmen**      **6th Euro-Mediterranean Conference for Environmental Integration (EMCEI-2024), 15-18 mai 2024, Marrakesh MOROCCO**

1. Sesiunea 1. Engineering applications for environmental management  
Chief Editor: Nicolas Roche, France
2. Sesiunea 8. Remote sensing and GIS for environmental monitoring and management  
Chief Editor: Anthony Lehmann, Switzerland
3. Sesiunea. Sustainable management of the urban environment, the indoor and built environment  
Chief Editor: Sami Rtimi, Switzerland

**Reviewer**      **6th Euro-Mediterranean Conference for Environmental Integration (EMCEI-2024), 15-18 mai 2024, Marrakesh MOROCCO**

Sesiunea 1. Engineering applications for environmental management  
Chief Editor: Nicolas Roche, France – **3 papers**

**Data**  
23.12.2024

○

**ANEXE**  
**Anaxa 1**  
**Anaxa 2**

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



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, L., Isopescu, D. N., & **Lepadatu, D.** (2023). Experimental investigation of parameters influencing mechanical properties of hemp concretes using design of experiment method. IOP Conference Series.Materials Science and Engineering, 1283(1), 012001. doi:<https://doi.org/10.1088/1757-899X/1283/1/012001>
5. 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>
6. 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(2), 145-158. <https://doi.org/10.46909/alse-551052>
7. **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.
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## Anexa 2 – PROIECTE DE CERCETARE ȘTIINȚIFICĂ

	Année	Titre du projet de recherche	Rôle
1.	2024-2025	<b>Proiect cercetare</b> , Méthodes modernes d'optimisation et de planification des essais expérimentaux des processus sous environnements contraints : application aux bétons ÉCOlogiques obtenus à partir de mélanges des NANOparticules et additions de Déchets REcyclable de bâtiments – ECONANODERE, Finanatre – Agence Universitaire de la Francophonie Appel Soutien à la recherche scientifique francophone en Europe Centrale et Orientale – RESCI – ECO : 2024, <a href="https://www.auf.org/nouvelles/actualites/appe-projets-2024-soutien-la-recherche-scientifique-francophone-en-europe-centrale-et-orientale-resci-eco-resultats-disponibles/">https://www.auf.org/nouvelles/actualites/appe-projets-2024-soutien-la-recherche-scientifique-francophone-en-europe-centrale-et-orientale-resci-eco-resultats-disponibles/</a> Durata proiectului – 14 luni (01.07.24 – 31.08.2025), Buget – 21.800 euro Director/Coordonator – <b>Daniel LEPADATU</b>	<b>DIRECTEUR</b>
2.	2022 - 2023	<b>Proiect de cercetare</b> . 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. <b>Valoare</b> – 30 000 RON, <b>Director</b> – <b>Senior Lecturer Loredana JUDELE</b>	<b>COORDINATOR ȘTIINȚIFIC</b>
3.	2023	<b>Proiect de cercetare cu agent nr. 7335/2022, cu titlul</b> - Proiect tehnologic inovativ pentru dezvoltarea unui grup de materiale de tip AIM - <b>Advanced Inorganic Materials</b> SIMS 120951, <b>Director Prof. dr. hab. Maria HARJA</b>	<b>Membri</b>
4.	2018 - 2022	<b>Proiect de transfer tehnologic</b> - Contract subsidiar nr. 15/26.09.2018 - 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: 231.365 lei, Responsabil/Director contract subsidiar, Daniel LEPADATU. Valoare proiect 231.365 RON	<b>DIRECTEUR</b>
5.	2018 - 2021	<b>Proiect de transfer tehnologic</b> - 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.	<b>DIRECTEUR</b>
6.	2018	<b>Projet de mobilité des chercheurs, Financement pour la participation au</b> Conférence Internationale – 4th Intl. Symp. New and Advanced Materials and Technologies in Energy, Environment and Sustainable Development, <b>Rio de Janeiro, Brazilia</b> Papier - Advanced Design of Experiment and Optimization Methods for New Building Materials Developed in Civil Engineering, <b>Director - Senior Lecturer Daniel LEPADATU</b>	<b>DIRECTEUR</b>
7.	2018	<b>Projet de recherche – CECURI DE INOVARE</b> Innovative 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, <b>Director. Daniel LEPADATU, Castigat prin competiție națională - Necontractat</b>	<b>DIRECTEUR</b>
8.	2017	<b>Projet de mobilité des chercheurs de la diaspora</b> - Dezastre naturale, analiză de risc și siguranță în infrastructura hidrotehnică, PN-III-P1-1.1-MCD-2017-0022, – Director – Iulian CUCOS, Invitat de onoare – <b>Prof. Ioan NISTOR</b> , UNIVERSITY of OTTAWA, CANADA	<b>COORDINATOR ȘTIINȚIFIC</b>
9.	2017	<b>Projet de mobilité des chercheurs, Financement pour la participation au</b> Conférence Internationale – <i>Proceedings indexe par – ISI Web of Science</i> , <b>SGEM Vienna GREEN 2017 Scientific Conference, 27-30 novembre, Vienne, Autriche</b> Papier - PARAMETERS INFLUENCE ON COMPRESSIVE STRENGTH OF FLY ASH GREEN CONCRETE WITH FIBERS USING A MODERN RESPONSE SURFACE METHOD, <b>Auteur-Senior Lecturer Daniel LEPADATU (présentation orale)</b> ,	<b>DIRECTEUR</b>
10.	2016 - 2017	Organisation des <b>Séminaires Doctoraux – en FRANÇAIS</b> , Projet propose par <b>Agence Universitaire de la Francophonie (AUF)</b> et gagne par <b>Consortium des trois universités</b> - Université Technique Gh. Asachi Iasi – <b>Romania</b> , Université Technique de Modavie – <b>République de Moldavie</b> , Université d'Angers – <b>France</b> – <b>3 Séminaires</b> (Membre de l'équipe) dans les trois pays participants	<b>DIRECTEUR</b>
11.	2016	<b>Projet de mobilité des chercheurs de la diaspora</b> – Invitat de onoare - Prof. <b>MIRCEA CHIPARA</b> UNIVERSITY OF TEXAS RIO GRANDE VALLEY – USA	<b>Membre</b>
12.	2014 -2015	<b>Projet de recherche</b> 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 <b>SC BITUNOVA ROMANIA SRL</b> avec Technical University of Iasi., <b>Directeur</b> – Senior Lecturer Loredana JUDELE, La valeur du <b>Contrat – 10000 euro</b>	<b>COORDINATOR ȘTIINȚIFIC</b>
13.	2006	<b>Projet européen EUREKA/PIDEA</b> , Implémentation dans MATLAB des routines d'optimisation, Directeur Professeur Bernard Dumon – Université d'Angers, France	<b>Membre</b>