Universitatea "Lucian Blaga" din Sibiu

Facultatea de Inginerie

Departamentul Inginerie Industrială și Management

#### LISTA DE LUCRĂRI

**Conf. dr. ing. Claudiu ISARIE**

1. **Teza de doctorat**

**Isarie C.,** *Contribuţii privind prelucrarea materialelor compozite prin eroziune electrică cu electrod filiform*, Domeniul Inginerie Industriala,Universitatea "*Lucian Blaga*" din Sibiu, 2004, conducător științific prof.univ.dr.ing. Constantin Oprean.

1. **Cărţi si capitole în cărţi**
   1. Isarie, C., *Mecanica fluidelor*, Editura Universităţii "Lucian Blaga" din Sibiu, Sibiu, 2015.
   2. Isarie, C., *Termotehnica*, Editura Universităţii "Lucian Blaga" din Sibiu, Sibiu, 2015.
   3. Isarie Claudiu, Ciudin Rodica, Dumitrascu Oana *Ghid privind colectarea selectiva a deseurilor* Casa de Presa si Editura Tribuna, ISBN 978-973-7749-43-7, Sibiu, 2011;
2. **Lucrări indexate ISI/BDI publicate în ultimii 10 ani** 
   1. Berntzen, L., Johannessen, M. R., Isarie, Claudiu Rotaru Mihaela,- *Creating Renewable Energy and Energy Efficiency Awareness: A Case Study on a Public Energy Awareness Campaign*, ICDS 2024, The Eighteenth International Conference on Digital Society., pg.40-45, 2024; ISBN 978-1-68558-169-5 / 2308-3956 https://uia.brage.unit.no/uia-xmlui/handle/11250/3153026?show=full
   2. Rotaru Mihaela, Isarie Caudiu, Berntzen Lasse (USN), - *Engaging SMEs and Public Institutions in Renewable Energy and Energy Efficiency – A Case Study from Sibiu County, Romania*, Smart Grids, Green Communications and IT Energy-Aware Technologies. International Conference. 14th 2024. (Energy 2024), pg.20-17, 2024, ISBN  978-1-68558-139-8 / 2308-412X, https://www.thinkmind.org/library/ENERGY/ENERGY\_2024/energy\_2024\_1\_40\_30014.html
   3. V. Petrescu, R. Ciudin (U. Trento Italia), C. Isarie, L I. Cioca, B. Trif, V. Nederita,- *The impact of traffic related pollution on air quality in Sibiu region*, Environmental Engineering and Management Journal,Vol.14, nr.11, ISSN 1582-9596, pg.2637-2642, 2015;
   4. Gloria Trombin, Marco Ragazzi, Claudiu Isarie, Rodica Ciudin and Vincenzo Torretta - *Environmental assessment of the Sibiu County, Romania: proposal for sewage sludge and OFMSW management,* 8th International Conference on Manufacturing Science and Education – MSE 2017 “Trends in New Industrial Revolution” MATEC Web Conf.,Volume 121, 2017,Article Number 10006, DOI https://doi.org/10.1051/matecconf/201712110006, 2017;
   5. Mihaela Rotaru, Claudiu Isarie, Lasse Berntzen, *Engaging SMEs and Public Institutions in Renewable Energy and Energy Efficiency. A Case Study from Sibiu County, Romania*; ENERGY 2024: The Fourteenth International Conference on Smart Grids, Green Communications and IT Energy-aware Technologies, 2024; www.thinkmind.org/articles/energy\_2024\_1\_40\_30014.pdf.
3. **Lucrări publicate în ultimii 10 ani în reviste şi volume de conferinţe cu referenţi**

**(neindexate)**

**- Reviste**

1. Petrescu, V., Ciudin R., Isarie, C., Nederiţă V.-*Environmental Engineering Education - Waste Management Romania,* World Transactions on Engineering and Technology Education, Published by World Institute for Engineering and Technology Education (WIETE), ISSN 1446-2257, Vol. 8 Nr.1, 2010, pg.107-110;
2. Petrescu, B. Shrestha, R. Ciudin, C. Isarie, V. Nederita- *Fostering International Student Exchange Programmes: A Case Study Of Water Decontamination In Nepal,* World Transactions on Engineering and Technology Education, Vol.10, No.1, 2012 Published By World Institute For Engineering And Technology Education (WIETE), ABN: 50 135 362 319, 2012, pg. 82-85;
3. Nederita V.,Ciudin R.,Isarie C.,Titu M.,Petrescu V.*Flash lamps used for surface treatments - case study,* Nonconventional Technologies Review, vol XVII, nr. 3, 2013, p.50-52 ;

**- Selecţie cu maximum 20 lucrări în volume de conferinţe**

1. Petrescu V, Ciudin R, Isarie C, Nederita V And Nemes T- *The Challenges For Entrepreneurship Of Environmental Engineering Education In Romania,* 3rd INTERNATIONAL CONFERENCE on INNOVATION & ENTREPRENEURSHIP and the 3rd INTERNATIONAL CONFERENCE on ENGINEERING & BUSINESS EDUCATION, Manila, Filipine, 2010;
2. Dumitraşcu, D., Isarie, C., Ciudin, R., Petrescu, V., Novac, C.- *Bridging the gap between theory and practice,* 4th International Conference on Engineering and Business Education and SAFR’s Journey to Excellence Conference, Cape Town, South Africa, nov.2011;
3. Petrescu, V., Ciudin, R., Isarie, C., Dumitraşcu, D., Nederiţă, V.- *The gap between universities and business – Causes and effects – Environmental Engineering Education in Romania,* 4th International Conference on Engineering and Business Education and SAFR’s Journey to Excellence Conference, Cape Town, South Africa, nov.2011;
4. Nederita V., Ciudin R., Petrescu V., Isarie C.- *First postdoctoral school in Romania: a case study of innovation and best practice in engineering and technology education,* Proceedings of the 4thWIETE Annual Conference on Engineering and Technology Education, Ed. Z.J. Pudlowski, p. 27-31, ISBN 978-0-9807664-5-5, Cairns, Australia, 2013;
5. V.Petrescu, R. Ciudin (U. Trento, Italia), C. Isarie, L.I. Cioca, V. Nederita, - *Traffic noise pollution in a historical city center -case study project within environmental engineering field of study*, 3rd International Engineering and Technology Education Conference (IETEC’15), ISSN: 1843-6730, pg. 304-311, 2015;
   1. **Brevete obţinute în întreaga activitate**
6. Constantin Oprean, Aurel Mihail Titu, Ion Marginean, Claudiu Isarie si Alexandru-Marcel Moldovan, Celula fotovoltaica reversibila cu halogen, Brevet de Inventie nr. 127241, 2017.

**F. Proiecte:**

1. 2019 - Contract cu terții - prestari servicii cercetare nr. 1705/29.03.2019 Titlu: Cercetări privind creşterea performantei procesului de brazare realizat de beneficiar, prin introducerea unui sistem automatizat de dozare a gazelor, denumit Ideal Brazing.

2. 2015 - 2018 "Calea Verde spre Dezvoltare Durabila", parteneri APM Sibiu, ULBS si Asociatia Municipalitatilor din Norvegia (KS); Grant SEE.

3. 2008 - 2010 Proiectul “Partnership for a Clean Environment in Region 7 Center” parteneri ARPM Sibiu, ULBS si Asociatia Municipalitatilor din Norvegia (KS); Grant Fonduri Norvegiene.

4. 2023 – 2024 Manager proiect „Energie regenerabilă și eficiență energetică - pentru dezvoltarea durabilă în județul Sibiu” Parteneri Consiliul Județean Sibiu, University of South-Eastern Norway Universitatea Lucian Blaga din Sibiu – Grant Innovation Norway.

**Data: 13.06.2025 Semnătura:**

Conf.univ.dr.ing Claudiu Isarie

