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LISTA LUCRĂRILOR PUBLICATE

Conf. univ. dr. ing. Tomozei Claudia

I. Lista lucrărilor considerate relevante pentru realizările profesionale proprii

1. Oana Irimia, Mirela Panaite-Lehadus, **Claudia Tomozei**, Emilian Mosnegutu, Grzegorz Przydatek, Origin-destination traffic survey—Case study: data analyse for Bacau Municipality, Sustainability, vol. 15, no. 6, 4975, 2023; FI 3,889; <https://doi.org/10.3390/su15064975>; WOS:000967792200001;
2. Irimia Oana, Przydatek Grzegorz, Panaite-Lehadus Mirela, **Tomozei Claudia**, Mosnegutu Emilian Gawron Piotr, Indicators of impact selected municipal units on the air quality—Case Study from Poland and Romania, Processes, vol. 10, no. 12, 2485; 2022; FI 3,328; <https://doi.org/10.3390/pr10122485>; WOS:000902812200001;
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4. Mosnegutu Emilian Florin, Panaite-Lehadus Mirela, Nedeff Florin, Tirtoaca Oana, **Tomozei Claudia**, Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, International Journal of Conservation Science, vol. 11, no. 1, p. 179-188; 2020; https://ijcs.ro/public/IJCS-20-17_Mosnegutu.pdf; WOS:000520030000017;
5. Mirela Panaite Lehadus, Valentin Nedeff, Narcis Barsan, Andrei Victor Sandu, Emilian Mosnegutu, **Claudia Tomozei**, Oana Irimia, Gabriela Andrioai, Ion Sandu, Monitoring the Particulate Matter (PM10) emissions from Bacau City Termo-Energetic Industry, Revista de Chimie, Bucharest, ISSN 2537-5733, 2019, 70, no. 8, p. 2869-2872; FI 0; <https://doi.org/10.37358/RC.19.8.7446>; WOS:000489685600035;
6. Oana Tirtoaca (Irimia), Mirela Panaite-Lehadus, Claudia Tomozei, Emilian Mosnegutu, Alexandra-Dana Chitimus, Narcis Barsan, Study regarding the measuring of Particulate matter PM2.5 and PM10 in industrial working environments, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 21, no. 2, p. 271 – 278, 1582-540X, 2020; FI 0; <https://pubs.ub.ro/?pg=revues&rev=cscc6&num=202002&vol=2&aid=5111>; WOS:000546789300012;
7. **Claudia Tomozei**, Valentin Nedeff, Mirela Panaite, Gabriela Telibasa, Experimenting rigid and elastic clamping methods of acoustic screens, Environmental Engineering and Management Journal, December, vol.17, no. 12, p. 2881-2888, 2018; ISSN: 1582-9596; <https://eemj.eu/index.php/EEMJ/article/view/3752>; WOS:000456043800012;

8. Alina Mihaela Petrovici, Jose Luis Cueto, Ricardo Gey, Florin Nedeff, Ricardo Hernandez, **Claudia Tomozei**, Emilian Mosnegutu, Optimization of some alternatives to noise barriers as noise mitigation measures on major roads in Europe. Case study of a highway in Spain, Environmental Engineering and Management Journal, vol. 15, no. 7, p. 1617-1628, July 2016; FI 0,858; DOI:10.30638/eemj.2016.174; WOS:000384472000021;
9. **Claudia Tomozei**, Florin Nedeff, Alina Petrovici Contu, Oana Tirtoaca Irimia, Marius Stanila, Ioan Joița, Valentin Zichil, Impacts of outdoor noise on teaching and learning activities, Environmental Engineering and Management Journal, March 2016, vol. 15, no. 3, p. 545-552; FI 0,858; DOI: 10.30638/eemj.2016.059; WOS:000376876400008;
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II. Teza de doctorat

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III. Cărți și capitole din cărți

1. Valentin Nedeff, Dana Chitimus, Luminita Bibire, Mirela Panainte-Lehadus, **Claudia Tomozei**, Florin Nedeff, Paul Cotirlet, Ergonomie, Ed. Alma Mater Bacau, ISBN: 978-606-527-590-42021, 364 pag.; 2021
2. Nedeff Valentin, Chitimus Alexandra-Dana, Mosnegutu Emilian, Panainte Lehadus Mirela, **Tomozei Claudia**, Irimia Oana, Barsan Narcis, Nedeff Florin Marian, Proceduri de lucru pentru analiza solului și a altor materiale, vol. 2, Editura Alma Mater Bacau 2018, ISBN 978-606-527-581-2, 978-606-527-583-6, 131 pag.;
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IV. Articole/studii în extenso, publicate în reviste din fluxul științific internațional principal

IV.1. Lucrări publicate în reviste cotate ISI

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4. Goldan Elena, Nedeff Valentin, Barsan Narcis, Culea Mihaela, Panainte-Lehadus Mirela, Mosnegutu Emilian, **Tomozei Claudia**, Chitimus Dana, Irimia Oana, Assessment of manure compost used as soil amendment-A review, Process, vol. 11, no. 4, 1167; 2023; FI 3,328; DOI: 10.3390/pr11041167; eISSN 2227-9717; WOS:000977626500001;
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9. Mirela Panainte-Lehăduş, Emilian Moşneguţu, Narcis Bârsan, Gabriela Andrioai, **Claudia Tomozei**, Oana Irimia, Mathematical perspectives in the variable texture products cutting process, *Processes*, vol. 10, no. 8, 1603, 2022; FI 3,328; <https://doi.org/10.3390/pr10081603>; WOS:000845796500001;
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15. Chitimus Alexandra Dana, Nedeff Valentin, Muscalu (Plescan) Oana, Mosnegutu Emilian, Barsan Narcis, Panainte-Lehadus, **Tomozei Claudia**, Influence of fertilization systems to the soil inorganic compounds. Case study: monocultures of cereals, leguminous and oleaginous, *Global NEST Journal*, 2021, vol. 23, no. 2, ISSN1790-7632; IF. 1,134; <https://doi.org/10.30955/gnj.003678>; WOS:000709770400014;
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17. Mirela Panainte-Lehadus, Valentin Nedeff, Narcis Barsan, Emilian Mosnegutu, Antonina Temea, **Claudia Tomozei**, Oana Irimia, Dana Chitimus, Evaluation on consumer attitudes towards to the purchase of eco-labeled products, *Fresenius Environmental Bulletin*, vol. 30, no. 5, p. 5521-5528, 2021; IF 0,618; https://www.prt-parlar.de/download_feb_2021/; WOS:000658173700091;
18. Vulpe Mihai, Valentin Nedeff, Panainte-Lehadus Mirela, Mosnegutu Emilian Florin, Barsan Narcis, **Tomozei Claudia**, Study of waste management in different areas from

- Romania, Fresenius Environmental Bulletin, vol. 30, no. 03, p. 2686-2691, 2021; FI 0,618; https://www.prt-parlar.de/download_feb_2021/; WOS:000629181400044;
19. Mosnegutu Emilian Florin, Panainte-Lehădus Mirela, Nedeff Florin, Tirtoaca Oana, **Tomozei Claudia**, Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, International Journal of Conservation Science, vol. 11, no. 1, p. 179-188; 2020; https://ijcs.ro/public/IJCS-20-17_Mosnegutu.pdf; WOS:000520030000017;
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 21. Chitimus Alexandra Dana, Nedeff Florin Marian, Sandu Ion, Radu Cristian, Mosnegutu Emilian, Barsan Narcis, Sandu Ioan Gabriel, **Tomozei Claudia**, Absorption capacity of copper and lead in the case of *Phragmites australis* plant species, Revista de Chimie, vol. 70, no. 11, p. 4035-4039, 2019; FI 0; <https://doi.org/10.37358/RC.70.19.11.7697>; WOS:000503185300054;
 22. Carolina Untila, Mihail Caraman, Valentin Nedeff, Narcis Barsan, Ion Sandu, Alexandra Dana Chitimus, Vasile Valentin Cretu, **Claudia Tomozei**, Andrei Victor Sandu, Evaluation of heavy metals and organic compounds in water samples collected from various sources from Republic of Moldova and Romania, Revista de Chimie, Bucharest, vol. 70, no. 10, 2019, p. 3570-3574; FI 0; <https://doi.org/10.37358/RC.19.10.7598>; WOS:000500795900025;
 23. Tirtoaca (Irimia) Oana, Mirela Panainte Lehadus, Nedeff Valentin, Sandu Ion, **Tomozei Claudia**, Cretu Valentin Vasile; Sandu Andrei Victor, Experimental results regarding the groundwater quality in Bacau City, Romania, Revista de Chimie, Bucharest, vol. 70, no. 9, p. 3378-3382, FI 0; <https://doi.org/10.37358/RC.19.9.7553>; WOS:000489958900060;
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 26. Oana-Maria Muscalu (Plescan), Florin-Marian Nedeff, Elena Partal, Emilian Mosnegutu, Mirela Panainte Lehadus, Oana Irimia, **Claudia Tomozei**, Influence of soil fertilization systems on soil characteristics for a monoculture of sunflower, Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol 20, no. 4, 2019, p. 585-595; FI 0; <https://pubs.ub.ro/?pg=revues&rev=csc6&num=201904&vol=4&aid=4958>; WOS:000502846500008;
 27. **Claudia Tomozei**, Valentin Nedeff, Mirela Panainte, Gabriela Telibasa, Experimenting rigid and elastic clamping methods of acoustic screens, Environmental Engineering and

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28. Alina Cochiorca, Valentin Nedeff, Narcis Barsan, Emilian Florin Mosnegutu, Mirela Panainte-Lehadus, **Claudia Tomozei**, Analysis of water quality for two rivers located near a mining area, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 19, no. 4, p. 455 – 463, 2018, FI 0; <https://pubs.ub.ro/?pg=revues&rev=csc6&num=201804&vol=4&aid=4800>; WOS:000452211700009;
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 30. Alina Mihaela Petrovici, Jose Luis Cueto, Ricardo Gey, Florin Nedeff, Ricardo Hernandez, **Claudia Tomozei**, Emilian Mosnegutu, Optimization of some alternatives to noise barriers as noise mitigation measures on major roads in Europe. Case study of a highway in Spain, Environmental Engineering and Management Journal, vol. 15, no. 7, p. 1617-1628, July 2016; FI 0,858; DOI:10.30638/eemj.2016.174; WOS:000384472000021;
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 34. Mangenda, HH; Kunyima, KC; Nedeff Valentin, Capsa Doina, Felegeanu Catalin; **Tomozei Claudia**, Potential environmental impacts of geo-materials exploitation in the City of Kinshasa, Democratic Republic of Congo, Environmental Engineering and Management Journal, vol. 13, no. 7, p. 1605-1609, 2014, FI 0,858; DOI:10.30638/eemj.2014.178; WOS:000344577400008;
 35. Oana Tirtoaca Irimia, **Claudia Tomozei**, Mirela Panainte, Emilian Florin Mosnegutu, Narcis Barsan, Efficiency of filters with different filtering materials: comparative study in water treatment, Environmental Engineering and Management Journal, vol. 12, no. 1, p. 35 – 40; 2013; FI 0,858; DOI:10.30638/eemj.2013.005; WOS:000317803300005;
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IV.2. Lucrări publicate în proceeding cotate ISI

1. Ioja, Iosif, Nedeff Valentin, Agop, Maricel, Nedeff, Florin Marian, Tomozei Claudia, Software uses in precision agriculture based on drone image processing - A review, IEEE, 2024 9TH INTERNATIONAL CONFERENCE ON ENERGY EFFICIENCY AND AGRICULTURAL ENGINEERING, EE & AE 2024, WOS:001298137300063, DOI10.1109/EEAE60309.2024.10600556
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5. Oana Irimia, **Claudia Tomozei**, Mirela Panainte Lehadus, Maria Cristina Dinu, Evaluation of the Potential of Wind Energy as a Source of Electricity Generation: Case Study - Vanatori Wind Power Plant, 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 – Proceedings, 978-172810362-4, 12 November 2020, Article number 20279211, <https://ieeexplore.ieee.org/document/9278983>; WOS:000659299700025; 10.1109/EEAE49144.2020.9278983;
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Anexă la CV

V. Lucrări prezentate la conferințe și manifestări științifice

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3. **Claudia Tomozei**, Mirela Panainte-Lehadus, Oana Irimia, Florin Marian Nedeff, Emilian Mosnegutu, Narcis Barsan, Dana Chitimus, Andreea-Iuliana Mares, Grzegorz Przydatek, Evaluation of noise level in an working environment, Constructive and Technological Design Optimization in the machines Building Field, Conference Proceedings abstracts, OPROTEH, May 11-13, 2023; <https://oproteh.ub.ro/assets/abstracts2023.pdf?v=ja783>;
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5. **Claudia Tomozei**, Oana Irimia, Mirela Panainte Lehadus, Florin Nedeff, Emilian Mosnegutu, Evaluation of the noise level in the Bacau Bus Station area, The 16th International Conference of Constructive Design and Technological Optimization in Machine Building Field, OPROTEH, Bacau, May 25-27, 2021; <http://oproteh.ub.ro/assets/abstracts.pdf?v=8439f13s>;
6. **Tomozei C.**, Panainte-Lehadus M., Irimia O., Nedeff F., Public transport in Bacau City 2020 7th International Conference on Energy Efficiency and Agricultural Engineering,

- EE and AE 2020 – Proceedings, „Angel Kanchev” University of Ruse, November 12, 2020, no. 9279088; ISSN: 978-172810362-4; <https://ieeexplore.ieee.org/document/9279088>;
7. Oana Irimia, **Claudia Tomozei**, Mirela Panainte-Lehadus, Maria Cristina Dinu, Evaluation of the Potential of Wind Energy as a Source of Electricity Generation: Case Study -Vanatori Wind Power Plant, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 – Proceedings, Angel Kanchev University of Ruse, November 12, 2020; no. 20279211, ISSN: 978-172810362-4; <https://ieeexplore.ieee.org/document/9278983>;
 8. **Claudia Tomozei**, Oana Irimia, Mirela Panainte Lehadus, Florin Nedeff, Public transport in Bacau City, Constructive and Technological Design Optimization in the machines Building Field, Conference Proceedings abstracts, OPROTEH, p. 37, 22 – 24 May 2019.
 9. **Claudia Tomozei**, Oana Irimia, Mirela Panainte Lehadus, Florin Nedeff, Comparative study on water quality of Bistrita River (Romania) and Drava River (Slovenia and Croatia), The International Conferences Constructive and Technological Design Optimization in the machines Building Field, OPROTEH, p. 40, Bacau, June, 2018; <http://oproteh.ub.ro>;
 10. **Claudia Tomozei**, Oana Irimia, Valentin Nedeff, Narcis Barsan, Mirela Panainte Lehadus, Alina Cochiorca, Application of Integrated Method for Water Quality Assessment of River Bistrita on the Section Piatra-Neamt - Bacau, The 6th International Conference Ecological & Environmental Chemistry, Chisinau, Republica Moldova, p. 65, March, 2017; www.eec-2017.mrda.md;
 11. **Tomozei Claudia**, Nedeff Florin, Irimia Oana, Panainte Mirela, Shielding of noise using acoustic screens composed, The International Conferences Constructive and Technological Design Optimization in the machines Building Field, OPROTEH, p. 43, Bacau, June, 2016; <http://oproteh.ub.ro>;
 12. Alina Petrovici, Jose Luis Cueto, Valentin Nedeff, **Claudia Tomozei**, The impact of the BSP strategies on the air and noise emissions in urban areas, The International Conferences Constructive and Technological Design Optimization in the machines Building Field, OPROTEH, p. 40, Bacau, June, 2016; <http://oproteh.ub.ro>;
 13. Greta Ardeleanu, **Claudia Tomozei**, Oana Irimia, Mirela Panainte-Lehadus, Influence of pollution factors on River Bistrita between the sections Bacau – Neamt, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, Conference Proceedings, book 3, vol. 2, p. 763-774, June 28 - July 6, 2016; ISBN 978-619-7105-62-9/ ISSN 1314-2704;
 14. **Claudia Tomozei**, Florin Nedeff, Oana Irimia, Mirela Panainte-Lehadus, Sound attenuation of the acoustic wave propagation through a simple acoustic screen, EE&AE'2015 – VIth International Scientific Conference, Energy Efficiency and Agricultural Engineering, Angel Kanchev University of Ruse, p. 654-659, November 11 – 12, 2015;
 15. Nedeff Florin, **Tomozei Claudia**, Lazar Gabriel, Risk relating an inappropriate phonic treatment of enclosures, Second International Conference on Natural and Anthropic Risks, ICNAR, Bacau, Romania, June 4-7, 2014;
 16. Nedeff Florin, **Tomozei Claudia**, Lazar Gabriel, Sound Propagation in Enclosures, Malta International Conference of Arts and Sciences, 2014;
 17. **Claudia Tomozei**, Florin Nedeff, Alina Petrovici (Contu), Oana (Tirtoaca) Irimia, Doina Capsa - The exterior noise impact on the activities developed in a teaching environment, Second International Conference on Natural and Anthropic Risks, ICNAR, Bacau, Romania, June 4-7, 2014;

18. Alina Petrovici (Contu), **Claudia Tomozei**, Florin Nedeff, Mirela Panainte-Lehadus - General aspects concerning the assessment of the urban road traffic noise, Second International Conference on Natural and Anthropic Risks, ICNAR, Bacau, Romania, June 4-7, 2014;
19. **Tomozei Claudia**, Nedeff Florin, Panainte Mirela, Mosnegutu Emilian, Irimia Oana - A mathematical model of the attenuation of sound pressure level transmitted by an acoustic screen, Conferinta Internationala Constructive and Technological Design Optimization in the machines Building Field, OPROTEH, Universitatea „Vasile Alecsandri” din Bacau, Facultatea de Inginerie, May 24, 2013;
20. Nedeff Florin Marian, **Tomozei Claudia**, Panainte Mirela, Lazar Gabriel, Noise maps for the industrial enclosures, EE&AE 2013, Engineering and Research for Agriculture Conference, Angel Kanchev University of Rousse, p. 299- 306, May 17-18, 2013;
21. **Tomozei Claudia**, Nedeff Valentin, Lazar Gabriel, Actual stage of industrial noise reduction, Conferinta Internationala OPROTEH 2011, Universitatea „Vasile Alecsandri” din Bacau, Facultatea de Inginerie, 24-26 mai 2011;
22. **Tomozei Claudia**, Nedeff Valentin, Lazar Gabriel, Studies and researches on reducing noise pollution in industry, Conferinta internationala Proceedings of the Scientific Student Session – SSS’11, University Angel Kanchev, Ruse, Bulgaria, May, 2011.

VI. Alte lucrări și contribuții științifice

II.1. Referate, prezentări și alte manifestări științifice susținute prin proiectul BRAIN

1. **Tomozei (Lazarescu) Claudia**, Referatul nr. 3 - Rezultate experimentale parțiale la tema „Studii și cercetări privind posibilitățile de reducere a poluării fonice din instalațiile industriale”, 28.02.2011, Universitatea „Vasile Alecsandri” din Bacău;
2. **Tomozei (Lazarescu) Claudia** - Sesiunea de comunicări științifice pentru diseminarea rezultatelor obținute de doctoranzi în cadrul programului doctoral "BURSE DOCTORALE - O INVESTIȚIE ÎN INTELIGENȚĂ (BRAIN)" - „Rezultate experimentale parțiale” – 28 februarie 2011, Universitatea „Vasile Alecsandri” din Bacău.
3. **Tomozei (Lazarescu) Claudia**, Referatul nr. 2 - Stabilirea bazei de cercetare a procesului de depoluare fonică, 21.09.2010, Universitatea „Vasile Alecsandri” din Bacau;
4. **Tomozei (Lazarescu) Claudia** – Sustinere a lucrării „Research on industrial noise” – în cadrul Departamentului de Energetică, Universitatea Politehnică din Torino, Italia, 18 mai 2010;
5. **Tomozei (Lazarescu) Claudia**, Referatul nr. 1 - Stadiul actual al cercetărilor privind depoluarea fonică, 23.02.2010, Universitatea „Vasile Alecsandri” din Bacau;
6. **Tomozei (Lazarescu) Claudia** - Sesiunea de comunicări științifice pentru diseminarea rezultatelor obținute de doctoranzi în cadrul programului doctoral "BURSE DOCTORALE - O INVESTIȚIE ÎN INTELIGENȚĂ (BRAIN)" - „Research on industrial noise - Torino Stage” – 31 august 2010, Universitatea „Vasile Alecsandri” din Bacău.

II.2. Participări la expoziții în domeniu

1. Florin Nedeff, **Tomozei Claudia**, Gabriel Lazar, Alina Petrovici (Contu), poster: “The influence of enclosure geometry on sound distribution in teaching spaces”, Mediterranean Conference for Academic Disciplines, Valletta, Malta, 2 - 6 March 2014.
2. **Tomozei Claudia**, Nedeff Valentin, Panainte Mirela; poster: Experimenting rigid and elastic clamping methods of acoustic screens, First International Conference on Moldavian Risks – From Global to Local Scale, 2012, Bacau, Romania, ISBN 978-606-527-201-9.
3. **Tomozei Claudia**, Nedeff Valentin - poster “Determinarea puterii acustice a unei surse de zgomot industriale”, ExpoMediu – Centrul de Afaceri și Expoziții, Central Plaza Bacau, 8-11 martie 2012.
4. **Tomozei (Lazarescu) Claudia**, Nedeff Valentin, Barsan Narcis - poster “Studii și cercetări privind posibilitățile de reducere a poluării fonice din instalațiile industriale”, ExpoTehnica – Salonul regional al cercetării, Central Plaza Bacău, 7-9 iulie 2011.

II.3. Contracte de cercetare științifică

1. Contract nr. 3/2023, Determinarea compoziției deșeurilor menajere reziduale și reciclabile, similare și din piețe și a deșeurilor biodegradabile la nivelul județului Bacău - Raport de activitate la protocol de colaborare 4259/24.03.2023; 1. Asociația de dezvoltare Intercomunitară pentru Salubritate Bacău; 2. S.C. Compania Romprest Service S.A.; 2 luni; valoare contract 0 lei; membru;
2. Contract nr. 4/2023, Determinarea compoziției deșeurilor reziduale, biodegradabile și a deșeurilor reciclabile la nivelul zonei ISPA (municipiul Bacău și 22 de comune limitrofe) din județul Bacău; 1. Asociația de dezvoltare Intercomunitară pentru Salubritate Bacău 2. S.C. SOMA S.R.L.; 2 luni; valoare contract 22745 lei; membru;
3. Contract nr. 120/30.03.2022, Lector formator curs ergonomist în cadrul proiectului POCU/726/6/12/135190 - Progres prin Educație Asociația Ecoforest Neamț, 2 luni, membru;
4. Contract nr. 1/2022, Cercetări de laborator și industriale în vederea tratării apelor uzate și a nămolurilor rezultate din epurare; 8 luni; valoare contract 30000 lei , membru;
5. Contract nr. 1/2021, Cercetări cu privire la posibilitățile de epurare a apelor uzate, tratare a apelor în vederea consumului și tratare a nămolurilor; 8 luni, valoare contract 27500 lei; membru;
6. Proiect CNFIS-FDI-0574, Facultatea de Inginerie, Infrastructură modernă și digitalizată pentru pregătirea practică a studenților UBc; 2021; membru;
7. Contract nr. 1/2020, Cercetări specifice domeniului tratării apelor, apelor uzate și nămolurilor de epurare; 3 luni/3200 lună; 4 luni/2500 lună; valoare contract 19600 lei; membru;
8. Contract nr. 1/2019, Cercetări în vederea implementării de procedee și tehnici de laborator și industriale în vederea epurării apelor uzate și tratării nămolurilor; 12 luni; valoare contract 22400 lei; membru;
9. Contract nr. 1/2018, Cercetări aplicative cu privire la epurarea apelor uzate și tratarea nămolurilor; 7 luni; valoare contract 22400 lei; membru;
10. Contract nr. 2/2017, Aplicarea unor cercetări de laborator în vederea tratării nămolurilor de epurare; valoare contract 9400 lei; membru;

11. Contract nr. 1/2017, Aplicarea cercetărilor de laborator în vederea epurării apelor uzate și tratării nămolurilor; 11 luni; valoare contract 27500 lei; membru;
12. Contract nr. 8/2016, Culegere de date de trafic pentru elaborarea planului de mobilitate urbană durabilă, Bacău; SC SEARCH CORPORATION SRL; valoare contract 6000 euro; 27012 lei; membru;
13. Contract nr. 7/2016, Cercetări de laborator cu privire la epurarea apelor uzate și tratarea nămolurilor; 7 luni; valoare contract 13650 lei; membru;
14. Contract nr. 6/2016, Evaluarea în laborator a posibilităților de tratare a nămolurilor de epurare; valoare contract 1.950 lei; membru;
15. Contract nr. 5/2016, Studii cu privire la epurarea apelor uzate; valoare contract 1.950 lei; membru;
16. Contract nr. 4/2016, Analiza posibilităților de epurare a unor ape uzate industriale; valoare contract 1.950 lei; membru;
17. Contract nr. 2/2016, Cercetări asupra epurării apelor uzate din industria alimentară, membru, valoare contract 1.950 lei;
18. Contract nr. 1/2016, Cercetări de laborator cu privire la epurarea apelor uzate industriale folosind floculanți organici; valoare contract 1.950 lei; membru;
19. Contract nr. 20/2015, Cercetări cu privire la tratarea chimică a unor ape uzate industriale; valoare contract 1.950 lei; membru;
20. Contract nr. 19/2015, Studii cu privire la epurarea chimică a unor ape uzate rezultate din industria petrolieră; valoare contract 1.950 lei; membru;
21. Contract nr. 18/2015, Cercetări cu privire la epurarea chimică a apelor uzate rezultate industriale cu S.C. ECO Sistem Proiect S.R.L. Bacău; valoare contract 1.950 lei; membru;
22. Contract nr. 17/2015, Studiu privind determinarea noxelor profesionale specifice locului de muncă din cadrul SC NADENKA SR, punct de lucru str. 9 mai, Bacău; valoare contract 500 lei; membru;
23. Contract nr. 16/2015, Studii cu privire la epurarea chimică a apelor uzate rezultate din industria textile; valoare contract 1.950 lei; membru;
24. Contract nr. 15/2015, Studiu impact privind apele subterane la cele două puțuri de foraj aflate pe amplasamentul SC Stemar Vaslui, 15-2015; valoare contract 2000 lei; membru;
25. Contract nr. 14/2015, Cercetări privind aplicarea procesului de coagulare și floculare în epurarea apelor uzate cu S.C. ECO Sistem Proiect S.R.L. Bacău; valoare contract 1.950 lei; membru;
26. Contract nr. 12/2015, Cercetări privind tratarea nămolurilor cu S.C. ECO Sistem Proiect S.R.L. Bacău, valoare contract 1.950 lei; membru;
27. Contract nr. 9/2015, Cercetări industriale cu privire la folosirea floculanților organici pentru epurarea apelor uzate industriale cu specific petrolier cu S.C. ECO Sistem Proiect S.R.L. Bacău; valoare contract 1.950 lei; membru;
28. Contract nr. 8/2015, Studii și cercetări cu privire la posibilitățile de tratare chimică a apelor uzate cu S.C. ECO Sistem Proiect S.R.L. Bacău; valoare contract 1.950 lei; membru;
29. Contract nr. 6/2015, Studii și cercetări privind tratarea nămolurilor de epurare folosind floculanți organici cu S.C. ECO Sistem Proiect S.R.L. Bacău; valoare contract 1.950 lei; membru;
30. Contract de cercetare nr. 4/20.03.2015 cu SC ECO SISTEM PROIECT SRL Bacău, Studii și cercetări privind epurarea apelor uzate cu specific petrolier; Valentin Nedeff, Mirela

- Panainte Lehadus, Emilian Mosnegutu, Narcis Barsan, **Claudia Tomozei**, Dana Chitimus, Oana Irimia, Florin Marian Nedeff; valoare contract 1950 lei; membru;
31. Contract de cercetare nr. 3/ 16.02.2015 cu SC Romconstructor SA Bacău, Studii și cercetări privind evaluarea impactului asupra mediului la SC Romconstructor SA Bacău; 16.02.2015; Mirela Panainte Lehadus, Emilian Mosnegutu, **Claudia Tomozei**, Oana Irimia, Alina Petrovici, Florin Marian Nedeff, Mihaela Dascalu; valoare contract 2.000 lei; membru;
 32. Contract de cercetare cu SC ECO Sistem Proiect S.R.L. Bacău, Studii și cercetări privind epurarea apelor uzate și a nămolurilor de epurare; 2014; valoare contract 20000 lei; membru;
 33. Contract nr POSDRU/160/2.1/S/133020. Creșterea capacității de integrare pe piața muncii a studenților și absolvenților prin consiliere și plasamente practice” 2007-2013, consilier termen scurt; membru;
 34. Contract nr. 10/2013, Contract de servicii de consultanță în domeniul inovării, - ROMCHIM PROTECT S.A. Bacău; Valentin Nedeff, Mirela Panaite, Narcis Barsan, **Claudia Tomozei**, Dana Chitimus, Florin Marian Nedeff; valoare contract 11346 lei; membru;
 35. Contract de cercetare industrială, nr. 313/01.10.2012, Contract de servicii de consultanță în domeniul inovării, - ROMCHIM PROTECT S.A. Bacău; Mosnegutu Emilian, Nedeff Valentin, Panainte Mirela, Barsan Narcis, Chitimus Dana, **Tomozei Claudia**; membru;
 36. Contract nr. 2/2009, Cercetări privind modul de încadrare a imisiilor de noxe și zgomot provenite de la Stația de betoane ERUMECAR, model EMA – 12042 în perioada probelor de punere în funcțiune și stabilirea eventualelor măsuri necesare, efectuarea măsurătorilor de zgomot și noxe la limita incintei S.C. Rustrans S.R.L.; membru.

II.4. Membru în comitete de organizare

- 1.** The 20th International Conference of Constructive Design and Technological Optimization in Machine Building – OPROTEH 2025, 21 - 23 MAY, Faculty of Engineering, Bacău;
- 2.** Constructive and Technological Design Optimization in the machines Building Field, Conference Proceedings abstracts, Oproteh 2025, May 11-13, 2023;
- 3.** Sesiunea națională de comunicări științifice studențești „Ingineria – profesia viitorului”, Ediția a VII-a, mai 2024, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie;
- 4.** Sesiunea națională Sesiunea națională de comunicări științifice studențești „Ingineria – profesia viitorului”, Ediția a VI-a, mai 2023, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie;
- 5.** Sesiunea națională de comunicări științifice studențești „Ingineria – profesia viitorului”, Ediția a V-a, și Workshop-ul educațional “Un pas spre viitor. Ingineria - o cariera de succes”, Ediția a VII-a, mai 2022, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie;
- 6.** Sesiunea națională de comunicări științifice studențești „Ingineria – profesia viitorului”, Ediția IV, și Workshop-ul educațional “Un pas spre viitor. Ingineria - o cariera de succes”,

Ediția a VI-a, mai 2021, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie;

- 7.** Sesiunea națională de comunicări științifice studențești „Ingineria – profesia viitorului”, Ediția III, si Workshop-ul educațional “Un pas spre viitor. Ingineria - o cariera de succes”, Ediția a V-a, iunie 2019, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie;
- 8.** Sesiunea națională de comunicări științifice studențești „Ingineria – profesia viitorului”, Ediția II, si Workshop-ul educațional “Un pas spre viitor. Ingineria - o cariera de succes”, Ediția a IV-a, iunie 2018, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie;
- 9.** Sesiunea națională de comunicări științifice studențești „Ingineria – profesia viitorului”, Ediția I, si Workshop-ul educațional “Un pas spre viitor. Ingineria - o cariera de succes”, Ediția a III-a, 27-29 noiembrie 2017, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie;
- 10.** Scientific Communications session for the students of “Vasile Alecsandri” University of Bacau, SCSUVAB, 7 May 2014.
- 11.** Scientific Communications session for the students of “Vasile Alecsandri” University of Bacau, SCSUVAB, 15 May 2013.
- 12.** Scientific Communications session for the students of “Vasile Alecsandri” University of Bacau, SCSUVAB, 17 May 2012.
- 13.** Comitetul de organizare al Conferinței Internaționale Constructive and Technological Design Optimization in the machines Building Field, OPROTEH, 2013.
- 14.** First International Conference on MOLDAVIAN RISKS – FROM GLOBAL TO LOCAL SCALE, 16-19 May 2012, Bacau, Romania.
- 15.** Echipa editorială a revistei Journal of Engineering Studies and Research din 2013.

23.07.2025

Conf. dr. ing. Tomozei Claudia Manuela