

Listă lucrări publicate

A. Lista celor 10 lucrări considerate cele mai relevante

1. **Florin Marian Nedeff**, Narcis Bârsan, Adriana Lumninița Fînaru, *Studies and research concerning the use of some recyclable absorbent materials for increasing acoustic comfort into a room designed for speaking*, Scientific Study & Research- Chemistry & Chemical Engineering, Biotechnology, Food Industry , Volume 18, no. 3, 2017.
2. Carmen Bujoreanu, **Florin Nedeff**, Marcelin Benchea, Maricel Agop, *Experimental and theoretical considerations on sound absorption performance of waste materials including the effect of backing plates*, Applied Acoustics 119 (2017), pp. 88–93, YIF=1,549;
3. **Nedeff Florin**; Lazăr Gabriel, Dumitru Filipeanu, Alexandru Luca Florin, Agop Maricel, *Free perturbations in fractal media*, Journal of Computational and Theoretical Nanoscience, Volume 13, Number 11, November 2016, pp. 8534-8543, IF=1,665;
4. **Florin Marian Nedeff**, Marcel Agop, Emilian Florin Moșneguțu, Narcis Barsan, *Evaluation of the reverberation time improvement in a speaking hall*, Journal of Engineering Studies and Research, Volume: 22, No. 2, 2016, pp. 49-54;
5. **Florin Nedeff**, Tomozei Claudia, Gabriel Lazar, Alina Petrovici (Contu), *The influence of enclosure geometry on sound distribution in teaching spaces*, IJAS International Journal of Arts & Sciences (IJAS) Conference Series, Malta, 2 – 6 March 2014;
6. Carmen Bujoreanu, Stefan, Irimiciuc Marcelin Benchea, **Florin Nedeff**, Maricel Agop, , *A fractal approach of the sound absorption behaviour of materials. Theoretical and experimental aspects*, International Journal of Non-Linear Mechanics, No. 103, 2018, pp. 128-137.
7. 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, pp. 545-552, IF=1,008;
8. Claudia Tomozei, **Florin Nedeff**, Gigel Paraschiv, Oana Irimia, Greta Ardeleanu, Alina Conțu Petrovici, *Mathematical modelling of sound pressure level attenuation transmitted by an acoustic screen in industrial environment*, Environmental Engineering and Management Journal, July 2014, Vol.13, No. 7, 1743-1749, IF=1,258;

9. Alina Mihaela Petrovici, Jose Luis Cueto, Ricardo Gey, **Florin Nedeff**, Ricardo Hernandez, Claudia Tomozei, Emilian Moşnegutu, *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 July 2016, Vol.15, No. 7, pp 1617-1628, IF=1,008;
10. Alina Petrovici, Claudia Tomozei, **Florin Nedeff**, Oana Irimia, Mirela Panainte-Lehadus, *Review on the road traffic noise assesment*, Journal of Engineering Studies and Research, Vol. 22, No. 1, 2016, pp 81-89;

B. Teză de doctorat

Studii şi cercetări cu privire la posibilitatea de creştere a confortului acustic într-o încăpere destinată vorbirii, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, iulie 2017.

C. Cărţi şi capitole din cărţi

1. Valentin Nedeff, Bârsan Narcis, Irimia Oana, Chiţimuş Alexandra-Dana, Moşneguţu Emilian, Panainte Lehadus Mirela, Claudia Tomozei, **Nedeff Florin Marian**, *Proceduri de lucru pentru analiza solului şi a altor materiale*, Volumul 1, Editura Alma Mater Bacău, 2018, ISBN 978-606-527-589-8;
2. Valentin Nedeff, Chiţimuş Alexandra-Dana, Moşneguţu Emilian, Panainte Lehadus Mirela, Claudia Tomozei, Irimia Oana, Bârsan Narcis, **Nedeff Florin Marian**, *Proceduri de lucru pentru analiza solului şi a altor materiale*, Volumul 1, Editura Alma Mater Bacău, 2017, ISBN 978-606-527-582-9;
3. Claudia Tomozei, Valentin Nedeff, Mirela Panainte, Gabriel Lazăr, **Florin Nedeff**, *Reducerea poluării fonice în mediul industrial*, Editura Alma Mater Bacău, 2014, ISBN 978-606-527-354-2.

D. Articole publicate în reviste din fluxul ştiinţific internaţional principal

1. Mirela Panainte, Marius Stănilă, Emilian Moşneguţu, Oana Irimia, Doina Capşa, **Florin Nedeff**, Claudia Tomozei, Ion Joiţa, Gabriela Telibaşa, *Monitoring emissions from large combustion plants*, Environmental Engineering and Management Journal, July 2014, Vol.13, No. 7, pp. 1657-1664, ISSN 1559-1842, IF=1,258;
2. Panainte M., Inglezakis V., Caraman I., Nicolescu M.C., Moşneguţu E., **Nedeff F.**, *The evolution of eco-labeled products in Romania*, Environmental Engineering and Management Journal, 2014, Vol. 13, No. 7, pp. 1665-1671, ISSN 1559-1842, IF=1,258;
3. Claudia Tomozei, **Florin Nedeff**, Gigel Paraschiv, Oana Irimia, Greta Ardeleanu, Alina Conţu Petrovici, *Mathematical modelling of sound pressure level attenuation*

- transmitted by an acoustic screen in industrial environment*, Environmental Engineering and Management Journal, July 2014, Vol.13, No. 7, 1743-1749, IF=1,258;
4. 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, pp. 545-552, IF=1,008;
 5. Panainte-Lehăduș M., **Nedeff F.**, Petrovici A., Telibașa G., Felegeanu D.-C., Schnakovszky C., *Assessing the health and safety risks in the education sector*, Environmental Engineering and Management Journal, 2016, Vol. 15, No. 3, pp. 563-572, IF=1,008;
 6. 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 July 2016, Vol.15, No. 7, pp 1617-1628, IF=1,008;
 7. **Nedeff Florin**; Lazăr Gabriel, Dumitru Filipeanu, Alexandru Luca Florin, Agop Maricel, *Free perturbations in fractal media*, [Journal of Computational and Theoretical Nanoscience](#), Volume 13, Number 11, November 2016, pp. 8534-8543, IF=1,665;
 8. V. Zichil , A. Coseru, **F. Nedeff** and C. Tomozei, *Considerations on stress triaxiality variation for 2P armor steel*, Innovative Ideas in Science 2016 IOP Publishing IOP Conf. Series: Materials Science and Engineering 200 (2017) 012066 doi:10.1088/1757-899X/200/1/012066;
 9. Carmen Bujoreanu, **Florin Nedeff**, Marcelin Benchea, Maricel Agop, *Experimental and theoretical considerations on sound absorption performance of waste materials including the effect of backing plates*, Applied Acoustics 119 (2017), pp. 88–93, YIF=1,549;
 10. Dabija R.C., Zala A., Hnatiuc E., Agop M., Puiu E., Văideanu D., Palamanciuc I., Jimborian G., **Nedeff F.**, Ivan M.V., *Fractality influence on a free Gaussian „perturbation” in the hydrodynamic version of the scale relativity theory. Possible implications in the biostructures dynamics*, U.P.B. Sci. Bull, Series A, Vol.79, Iss. 4, pp. 281-292;
 11. **Florin Marian Nedeff**, Narcis Bârsan, Adriana Lumninița Fînaru, *Studies and research concerning the use of some recyclable absorbent materials for increasing acoustic comfort into a room designed for speaking*, Scientific Study & Research- Chemistry & Chemical Engineering, Biotechnology, Food Industry , Volume 18, no. 3, 2017.

12. Carmen Bujoreanu, Stefan, Irimiciuc Marcelin Benchea, **Florin Nedeff**, Maricel Agop, *, A fractal approach of the sound absorption behaviour of materials. Theoretical and experimental aspects*, International Journal of Non-Linear Mechanics, No. 103, 2018, pp. 128-137.
13. Claudia Tomozei, **Florin Marian Nedeff**, Mirela Panainte, Oana Irimia, *Sollutions to reduce the noise generated by an airconditioning system*, Journal of Engineering Studies and Research, Volume: 19, No. 4, 2013, pp. 71-76, 2068-7559;
14. Alina Petrovici, Claudia Tomozei, Ricardo Gey Flores, **Florin Nedeff**, Oana Irimia, *Noise prediction, calculation and mapping using specialized software*, Journal of Engineering Studies and Research, vol. 21, No. 3, pp. 59-64, 2015, ISSN 2068-7559;
15. Alina Petrovici, Claudia Tomozei, **Florin Nedeff**, Oana Irimia, Mirela Panainte-Lehadus, *Review on the road traffic noise assesment*, Journal of Engineering Studies and Research, Vol. 22, No. 1, 2016, pp 81-89;
16. **Florin Marian Nedeff**, Marcel Agop, Emilian Florin Moşneguţu, Narcis Barsan, *Evaluation of the reverberation time improvement in a speaking hall*, Journal of Engineering Studies and Research, Volume: 22, No. 2, 2016, pp. 49-54;9. Carmen Bujoreanu, **Florin Nedeff**, Marcelin Benchea, Maricel Agop, *Experimental and theoretical considerations on sound absorption performance of waste materials including the effect of backing plates*, Applied Acoustics 119 (2017), pp. 88–93, YIF=1,549;

E. Lucrări apărute la principalele conferinţe internaţionale

1. **Nedeff Florin Marian**, Tomozei Claudia, Panainte Mirela, Lazăr Gabriel, *Noisemaps for the industrial enclosures*, EE&AE 2013, Engineering and Research for Agriculture Conference, „Angel Kanchev” University of Rousse, Bulgaria, 17-18 May 2013, pp. 299- 306;
2. **Nedeff Florin Marian**, Panainte Mirela, Lazăr Gabriel, *Theoretical study regarding the civil environmental impact*, EE&AE 2013, Engineering and Research for Agriculture Conference, „Angel Kanchev” University of Rousse, Bulgaria, 17-18 May 2013, pp. 291-298;
3. **Florin Nedeff**, Tomozei Claudia, Gabriel Lazar, Alina Petrovici (Contu), *The influence of enclosure geometry on sound distribution in teaching spaces*, IJAS International Journal of Arts & Sciences (IJAS) Conference Series, Malta, 2 – 6 March 2014;
4. Alina Petrovici (Contu), Claudia Tomozei, **Florin Nedeff**, Mirela Panainte, *General*

aspects concerning the assessment of the urban road traffic noise, Second International Conference of Natural and Anthropic Risks (ICNAR), Bacau, Romania, 04-07 June 2014;

5. Claudia Tomozei, **Florin Nedeff**, Alina Petrovici (Contu), Mirela Panainte, Oana Irimia, *The exterior noise impact on the activities developed in a teaching environment*, Second International Conference of Natural and Anthropic Risks (ICNAR), Bacau, Romania, 04-07 June 2014;
6. Claudia Tomozei, Alina Petrovici, Mirela Panainte, **Florin Nedeff**, Oana Irimia, *Evaluation of noise level generated by the road traffic on bridges in urban areas*, Constructive and Technological Design Optimization in the Machines Building Field, Conference Proceedings abstracts, Oproteh 2015, 04-06 iunie 2015;
7. Claudia Tomozei, **Florin Nedeff**, Oana Irimia, Mirela Panainte, *Shielding of noise sources using acoustic screen composed*, Constructive and Technological Design Optimization in the Machines Building Field, Conference Proceedings abstracts, Oproteh 2016, 02-04 iunie 2016;

Dr. Ing.Ec. Nedeff Florin Marian