

LISTA LUCRĂRIILOR

Ing. Delia – Gabriela CĂLINOIU

- [1] G. Trif - Tordai, I. Ionel, G. Apostol, D. Calinoiu “Energetical use of agricultural residues by means of co-combustion”, International Conference Integrated Systems for agro food production, SIPA'09, Editura Laszlo Sikolya, Gabor Pay, Nyiregyhaza, Hungary, pp.283-288, ISBN: 978-973-638-449-3, Nov., 2009.
- [2] D. Calinoiu, I. Ionel, “Efficiency of first generation photovoltaic panels”, Buletinul Știintific al Universității “Politehnica” din Timișoara, Seria Mecanică, ISSN: 1224-6077, Ed. Politehnica, vol. 54, no. 4, pp. 39-43, Dec. 2009.
- [3] M. Paulescu, N. Stefu, E. Tulcan-Paulescu, D. Calinoiu, A. Neculae, P. Gravila, “UV solar irradiance from broadband radiation and other meteorological data”, SCIENCE DIRECT - Atmospheric Research, Ed. Elsevier B.V., ISSN: 0169-8095, Vol. 96, Issue 1, pp. 141-148, April 2010.
- [4] D. Calinoiu, I. Ionel, “Solar energy power systems as renewable energy technique of the future”, Journal of Optoelectronics and Advanced Materials, ISSN: 1454- 4164, Vol.12, Issue 5, pp. 122 0- 1225, May 2010.
- [5] C. Nisulescu, D. Calinoiu, A. Timofte, A. Boscornea, C. Talianu, “Diurnal variation of particulate matter in the proximity of Rovinari fossil-fuel power plant”, Proceedings of the 4th International Workshop on Optoelectronic Techniques for Environmental Monitoring, OTEM, ISSN: 2066-8651, pp. 40 – 47, Oct. 2010.
- [6] G. Trif- Tordai, F. Popescu, D. Calinoiu, I. Vettes, “Intensified combustion of corncob in stationary fluidized bed”, Proceedings of the International Workshop „Global and Regional Environmental Protection” B.E.N.A., ISBN: 978-606-554-210-5, ISBN: 978-606-554-211-2, Timisoara, Romania, Vol.1, pp. 260 – 267, Nov. 2010
- [7] D. Calinoiu, I. Ionel, G. Trif-Tordai, C. Nisulescu, “Study of microphysical properties of aerosol particles using sun photometer”, International conference “Knowledge, culture, science the fundament of quality of life in society”, Timisoara, Romania, Nov. 2010.
- [8] D. Calinoiu, I. Ionel, F. Popescu, G. Trif-Tordai, “Sun photometer for aerosols investigation” Proceedings of the International Workshop „Global and Regional Environmental Protection” G.L.O.R.E.P., ISBN: 978-606-554-210-5, Timisoara, Romania, Vol.1, pp.285 - 289, Nov. 2010.
- [9] Delia-Gabriela Calinoiu, Gavrila Trif-Tordai, Luisa-Isabel Dungan, Relevant aspects of the real time monitoring for the aerosols using the sun photometer, Buletinul Știintific al Universității “Politehnica” din Timișoara, Seria Mecanică, ISSN: 1224-6077, Ed. Politehnica, Vol. 55(69), No. 2, pp. 54-57, Dec. 2010.
- [10] C. Nisulescu, I. Ionel, D. Calinoiu, I. Vettes, “Air pollution monitoring in a town nearly power plant”, Proceedings of the 8th WSEAS International Conference on Environment, Ecosystems and Development (EED'10), ISSN:1792 – 7412, 1792 – 7374, 1792 – 7439, ISBN: 978 – 960 – 474 – 261 -5, Vouliagmeni, Athens, Greece, pp. 181-185, 29 – 31 Dec. 2010.
- [11] C. Nisulescu, D. Calinoiu, A. Timofte, A. Boscornea, C. Talianu “Diurnal variation of particulate matter in the proximity of rovinari fossil fuel power plant” , Environmental Engineering and Management Journal, ISSN: 1582-9596, Vol. 10, No. 1, pp. 99-105, Jan. 2011.

- [12] C. Nișulescu, I. Ionel., D. Călinoiu, “Remote sensing measurement technique for SO₂ emissions”, Proceedings of the 35th Annual Congress of the American Romanian Academy of Arts and Science “Science and Art in the Informatics Era” ISBN 978-2-553-01596-0, July 2011.
- [13] D. Calinoiu, I. Ionel, G. Trif - Tordai, “Analysis of Aerosol Optical Thickness in Timisoara from Aeronet Observations”, Strojarstvo, Vol. 53, No. 5, p. 291 – 390, August 2011.
- [14] D. Calinoiu, I. Ionel, G. Trif - Tordai, “A study for transmission of sunlight through the atmosphere using sun photometer”, Proceedings of the 1st International Conference “Ecology of Urban Areas 2011”, ISBN: 978-86-7672-145-0, Zrejanin, Serbia, pp. 28-33, Sep. 30, 2011.
- [15] D. Calinoiu, I. Ionel, F. Popescu, G. Trif-tordai, C. Nisulescu, I. Vetreş, “Recent sun photometry measurements in Romania, as part of the AERONET Network”, Termotehnica, ISSN-L: 1222-4057, ISSN (online): 2247-1871, Ed. AGIR, Nr.2, pp. 34-37, 2011.
- [16] D. Călinoiu, I. Ionel, I. Vetreş, G. Trif-Tordai, “Comparative analysis of aerosol optical properties using sun photometry”, Proceedings of the 5th International Workshop on Optoelectronic Techniques for Environmental Monitoring and Conference on Environmental Remote Sensing, OTEM2011, ISSN: 2066-8651, Magurele, Romania, pp. 56 – 61, Sep. 2011.
- [17] D. Calinoiu, I. Ionel, F. Popescu, G. Trif-Tordai, C. Nisulescu, “Characteristics of aerosol types from sun photometer measurements”, International Conference Integrated Systems for Agro Food Production, SIPA'11, Editura Laszlo Sikolya, Gabor Pay, Nyiregyhaza, Hungary, pp.6-10, ISBN: 978-606-569-312-8, Nov. 10-12, 2011.
- [18] C. Nișulescu, I. Ionel, D. Călinoiu, “New methods for determination SO₂ emissions”, International Conference Integrated Systems for Agro Food Production, SIPA'11, Ed. Laszlo Sikolya, Gabor Pay, Nyiregyhaza, ISBN: 978-606-569-312-8, Hungary, pp.100-103, Nov. 10-12, 2011.
- [19] D. Calinoiu, “Aerosol investigation using sun photometer”, Workshop – ul nr. 2, “Interdisciplinaritatea și managementul cercetării ”, Universitatea „Politehnica” din Timișoara, 24-25 Nov. 2011.
- [20] Calinoiu D., IONEL I., TRIF-TORDAI G., Research regarding aerosol properties of the Grimsvötn ash by applying sun photometry, Rev. Chim, Vol. 63, No.8, p. 846 – 850, August 2012.
- [21] D. Calinoiu, I. Ionel, G. Trif-Tordai, “Analysis of atmospheric water vapour from sun photometric measurements”, , Buletinul Știintific al Universității “Politehnica” din Timișoara, Seria Mecanică, acceptata.
- [22] D. Calinoiu, G. Trif tordai, I. Ionel, M. Pavlović, F. Popescu, M. Ševaljević, L. Makra, N. Lontiș, “Study on atmospheric water vapor content, comparing data collected from weather station and sun photometer direct measurements”, II International Conference “Ecology of Urban Areas 2012”, Zrejanin, Serbia, acceptata.
- [23] D. Calinoiu, I. Ionel, G. Trif – Tordai, Analysis of optical properties of aerosols by means of photometry, trimisa la OAM-RC.