

LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE, PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT

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2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings

1. **Muntean Daniel M.**, Ungureanu Viorel, Petran Ioan, Georgescu Mircea (2017). Large prefabricated concrete panels collective dwellings from the 1970s: context and improvements. *World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium 2017, Prague, Czech Republic, WMCAUS 2017, IOP Conf. Ser: Mater. Sci. Eng.*, 245 (2017), 052050, doi: 10.1088/1757-899X/245/5/052050

2. Ungureanu V., **Muntean D.M.** (2018). Life Cycle Assessment of Retrofitting Large Prefabricated Panels Low-Rise Collective Dwellings. *World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium 2018, Prague, Czech Republic, WMCAUS 2018, IOP Conf. Ser: Mater. Sci. Eng.*, 471, DOI: 10.1088/1757-899X/471/11/112070

3. Adam M., **Muntean D.M.**, Popov M., Grecea D., Ungureanu V. (2018). Integrated Energy Efficient Cooling Solutions for Large Prefabricated Panels Collective Dwellings from the 1970s. *Sustainable Solutions for Energy and Environment, EENVIRO 2018*. 9-13 Octombrie, Cluj-Napoca, Romania, in E3S Web of Conferences 85, 01004 (2019) DOI: 10.1051/e3sconf/20198501004

4. **Muntean D.M.**, Ungureanu V. (2018). Smart Grid Integration Towards Sustainable Retrofitting of Large Prefabricated Concrete Panels Collective Housing Built in the 1970s, *IALCCE 2018 “The Sixth International Symposium on Life-Cycle Civil Engineering”*, 28-31 October 2018, Ghent, Belgium. In: *Life-Cycle Analysis and Assessment in Civil Engineering: Towards an Integrated Vision – Caspeele, Taerwe & Frangopol (Eds) © 2019 Taylor & Francis Group, London, ISBN 978-1-138-62633-1, pp. 3045-3050*

5. Maties I.C., **Muntean D.M.** (2019), Cost and Energy Efficient Envelope Systems for a Single Family House in Timisoara, Romania. *World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium 2018, Prague, Czech Republic, WMCAUS 2019, IOP Conf. Ser: Mater. Sci. Eng.*, 603, DOI: 10.1088/1757-899X/603/3/032014

6. R. Buzatu, **D. Muntean**, A. Ciutina, V. Ungureanu, "Thermal Performance and Energy Efficiency of Lightweight Steel Buildings: A Case-Study," in *World Multidisciplinary Civil Engineering - Architecture - Urban Planning Symposium, Prague, 2020. IOP Conf. Ser.: Mater. Sci. Eng.* 960 032099, DOI: 10.1088/1757-899X/960/3/032099

7. R. Buzatu, **D. Muntean**, V. Ungureanu, A. Ciutina, M. Gireada, D. Vitan "Holistic energy efficient design approach to sustainable building using monitored energy management system", *IOP Conf. Series: Earth and Environmental Science* 664 (2021) 012037, doi:10.1088/1755-1315/664/1/012037

3. Lucrări științifice publicate în reviste de specialitate indexate BDI (cu specificarea BDI)

1. Ludovic A. Fülöp, Viorel Ungureanu, Nagy Zsolt, **Daniel M. Muntean** (2020). Opportunities and Barriers to the Deep Rehabilitation of the Collective Buildings in East Europe, in “*A Roadmap for a Sustainable integrated Retrofit of CONcrete buildings*”, Iuorio, O. and Negro, P. editor(s), Publications Office of the European Union, Luxembourg, 2019, ISBN 978-92-76-23865-2 (online), 978-92-76-23864-5 (print), doi:10.2760/78996 (online), 10.2760/35903 (print), JRC119041., pp.59-64;

2. Adrian Ciutina, Raluca Buzatu, **Daniel M. Muntean**, Viorel Ungureanu: Sisteme moderne de fatade metalice – Analize termice si de impact asupra mediului. *Revista Constructiilor*, nr. 166, ianuarie- februarie 2020, pp. 36-38, 40, 42, 43.

3. Adrian Ciutina, Raluca Buzatu, **Daniel M. Muntean**, Viorel Ungureanu: Sisteme moderne de fatade metalice – Analize termice si de impact asupra mediului. *A XVI-a Conferinta Nationala de Constructii Metalice*, 13-14 iunie 2019, Timisoara, Romania, ISBN 978-973-638-646-6, Editura Orizonturi Universitare, pp.185-196.

4. Ciutina A, Buzatu R, **Muntean D.M.**, Ungureanu V (2019) Heat transfer vs environmental impact of modern facade systems. *CLIMA 2019 Bucharest, Romania*, in E3S Web of Conferences 111, 03078 (2019) DOI: 10.1051/e3sconf/201911103078

5. **Muntean D.M.**, Ungureanu V. (2017). Sustainable Solutions for Extensive Retrofitting of Residential Buildings built in the 1970s. In: *Nearly Zero Energy Communities (I. Visa and A. Duta, eds.)*, Springer Proceedings in Energy, ISBN 978-3-319-63214-8, doi: 10.1007/978-3-319-63215-5_11, pp. 148-158.

5. Lucrări științifice publicate în volumele unor manifestări științifice internaționale (Proceedings) din străinătate

1. **Muntean D.M.**, Ungureanu V. (2017). Climate Adaptive Neighborhoods. *Coordinating Engineering for Sustainability and Resilience CESARE17*, 3-8 Mai, Amman, Jordan (on CD)
2. **Muntean D.M.**, Ungureanu V. (2017). Adaptive Design of Large Prefabricated Concrete Panels Collective Housing. In: *World Academy of Science, Engineering and Technology International Journal of Architectural and Environmental Engineering Vol:11, No:3, 2017*, pp. 299-308

Data: 31.01.2023

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