

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

Arh. Iasmina APOSTOL (ONESCU) student doctorand

1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)

1. M. Mosoarca, I. Onescu, B. Azap, E. Onescu, N. Chieffo, M. Szitar-Sirbu, „Seismic vulnerability assessment for the historical areas of the Timisoara city, Romania”, *Engineering Failure Analysis*, Vol. 101, pp. 86-112, 2019 (WOS: 000464960500007, Impact factor 2.897)
2. M. Mosoarca, I. Onescu, E. Onescu, A. Anastasiadis, “Seismic vulnerability assessment methodology for historic masonry buildings in the near-field areas”, *Engineering Failure Analysis*, Vol. 115, paper ID 104662, septembrie 2020, disponibil online, in curs de indexare (Impact factor 2.897)

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

1. I. Apostol, M. Mosoarca, V. Stoian, “Modern Consolidation Solutions for Buildings with Historical Value. Part I: Reinforced Concrete Structures”, in Proceedings of 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 111-116, 2017 (WOS: 000413420300019)
2. M. Mosoarca, I. Apostol, V. Stoian, “Modern Consolidation Solutions for Buildings with Historical Value. Part II: Masonry Structures”, in Proceedings of 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 209-214, 2017 (WOS:000413420300037)
3. B. Azap, I. Apostol, M. Mosoarca, N. Chieffo, A. Formisano., Seismic vulnerability scenarios for historical areas of Timisoara, Proceedings of 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 149-154, 2018 (WOS:000491484600026)
4. I. Apostol, M. Mosoarca, N. Chieffo, A. Keller, D. Bocan, C. Bocan, R. Bradeanu, “Solutions for improving seismic vulnerability of historic masonry buildings”, in Proceedings of 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 131-136, 2018 (WOS:000491484600023)
5. D. Bocan, A. Keller, I. Apostol, M. Mosoarca, R. Bradeanu, “The impact of insulating plaster on the energy performance of historical buildings”, in Proceedings of 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, pp 179-184, 2018 (WOS:000491484600031)
6. N. Chieffo, M. Mosoarca, A. Formisano, I. Apostol, “Seismic vulnerability assessment and loss estimation of an urban district of Timisoara”, in IOP Conference Series: Materials Science and Engineering, Vol. 471, Session 9, 2019 (WOS:000465811805085)
7. I. Onescu, M. Mosoarca, B. Azap, E. Onescu, “Seismic losses scenario for cultural promenade in Timisoara Capital of Culture 2021, Romania”, in IOP Conference Series: Materials Science and Engineering, Vol. 471, Session 9, 2019 (WOS:000465811805056)
8. D. Bocan, A. Keller, C. Bocan, I. Apostol, M. Mosoarca, “Potential results of using thermal rehabilitation techniques on a city block of Timisoara and their structural strengthening opportunities”, in IOP Conference Series: Materials Science and Engineering, Vol. 471, Session 9, 2019 (WOS:000465811802088)
9. I. Onescu, E. Onescu, M. Mosoarca, “Multi-criterial vulnerability assessment for Timisoara city, Romania”, in *Proceedings of the 4th International Conference on Structure and Architecture*, Lisabona, Portugalia, 2019 (în curs de indexare WoS; conferința anterioară 2010 indexată WoS)
10. E. Onescu, I. Onescu, M. Mosoarca, A. Ion, “Seismic vulnerability assessment of historical group of buildings in Timisoara city”, in *Proceedings of 18th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium*, Oradea, Romania, 2019 (în curs de indexare WoS; conferința anterioară 2018 indexată WoS)
11. E. Onescu, I. Onescu, M. Mosoarca, “The impact of timber roof framework over historical masonry structures”, in *IOP Conference Series: Materials Science and Engineering*, Vol. 603, Issue 4, 2019 (în curs de indexare WoS; conferința anterioară 2018 indexată WoS)
12. I. Onescu, E. Onescu, M. Mosoarca, “The impact of the cultural value to the seismic vulnerability of a historical building”, in *IOP Conference Series: Materials Science and Engineering*, Vol. 603, Issue 4, 2019 (în curs de indexare WoS; conferința anterioară 2018 indexată WoS)

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

1. A-M. Narița, V. Gurza, R. Oprîța, A. Keller, I. Apostol, M. Mosoarca, C. Bocan, "New vulnerabilities of historic urban centers and archeological sites. Extreme Loads.", *An International Journal for Engineering and Informational Sciences*, Pollack Periodica, pp 15-26., 2016, ISSN 1788-1994, DOI: 10.1556/606.2016.11.3.3 (Scopus)
2. I. Apostol, M. Mosoarca, N. Chieffo, E. Onescu, "Seismic vulnerability scenarios for Timisoara, Romania", *Structural Analysis of Historical Constructions*, ed. Springer, RILEM Bookseries, vol. 18, pp. 1191-1200, 2019, ISBN: 978-3-319-99440-6 (Scopus)

4. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate BDI (cu specificarea BDI)

1. I. Apostol, R. Bradeanu, M. Mosoarca, "Case study of consolidation methods with fiber-based composite materials in Romania", in *Proceedings of International Conference on Mechanics of Masonry Structures Strengthened with Composites Materials*, Key Engineering Materials, Volume 747 KEM, Pages 414-419, Bologna, Italy, 2017 (Scopus)
2. M. Mosoarca, I. Apostol, A. Keller, A. Formisano, "Consolidation methods of Romanian historical building with composite materials", in *Proceedings of International Conference on Mechanics of Masonry Structures Strengthened with Composites Materials*, Key Engineering Materials, Volume 747 KEM, Pages 406-413, Bologna, Italy, 2017 (Scopus)

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

1. I. Apostol, A. Keller, M. Mosoarca, "Climate Change Risk Assessment Methodology for Historic Urban Centers", *International Journal of Sustainable Agricultural Management and Informatics*, 2016, ISSN print: 2054-5819
2. N. Chieffo, I. Apostol, A. Keller, M. Mosoarca, A. Marzo, "Global behavior of historical masonry structures and timber roof framework", in *Proceedings of the 3rd International Conference on protection of historical constructions*, Lisabona, Portugalia, 2017

6. Lucrări științifice publicate în volumele unor manifestări științifice

1. I. Apostol, M. Mosoarca, E. Onescu, "Seismic vulnerability assessment for historical building as isolate/in aggregate for Timisoara city, Romania", *Journal of Architecture, Urbanism and Heritage*, Vol. 2, Politehnica Publishing House, 2018, ISSN: 1224-6024

Data: 13.07.2020

AVIZAT, Conducător științific Prof.univ.dr.ing. Marius MOSOARCA	ÎNTOCMIT, Student doctorand arh. Iasmina APOSTOL
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