



## ABOUT ME

Architect, lecturer, researcher, Ph.D. coordinator, CNATDCU member,  
Mother of Vladimir and Elena


## Iasmina Onescu (Apostol)

**Date of birth:** 26/03/1990

**Nationality:** Romanian

**Gender:** Female

## CONTACT

 Traian Lalescu 2A,  
Timisoara, Romania **(Work)**

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## EDUCATION

01/08/2022-present Habilitation certificate, field of Architecture, Politehnica University Timisoara

- „The role of the architect in the conservation process of the authenticity of the urban patrimony”, Habilitation Thesis, 2022

01/10/2015-30/08/2020 Ph.D. in Civil Engineering, Politehnica University of Timisoara

- „Seismic vulnerability assessment of historical urban centers”, Ph.D. thesis, 2020

01/10/2017-01/06/2018 Pedagogical course for teaching skills, Politehnica University of Timisoara

13/02/2017-13/05/2017 Research mobility at the Università degli Studi di Padova, Civil Engineering

13/09/2009-13/07/2015 Bachelor + master studies, Faculty of Architecture and Town Planning, UPT

15/02/2013-15/07/2013 Study mobility at the Università degli Studi di Palermo, Architecture

13/09/2005-13/07/2009 High school diploma, Mathematics-Informatics profile, Traian Lalescu College

15/09/1997-15/07/2005 Primary and gymnasial level, Elementary school no. 2, Resita

## CURRENT POSITION(S)

2026 - present

- Member of the Romanian Cities History Commission, Romanian Academy

2025-present

- Volunteer for De-a Arhitectura community (architecture education for small children)
- Member of the National Experts Community for equity and reducing university dropout

2024 - present

- Member of the CNATDCU - National Council for the Attestation of University Degrees, Diplomas and Certificates, Commission of Architecture, Romania

2022 - present

- Coordinator of Ph.D. students, Habilitated in the field of Architectural School of Doctoral Studies, Polytechnic University of Timisoara

2021 - present

- Lecturer, permanent position, Faculty of Architecture and Town Planning, Polytechnic University of Timisoara, Romania
- Architect (collaborator) 3DSN Design Studio/ Romania

## PREVIOUS POSITION(S)

2016-2021

- Teaching and research assistant, Faculty of Architecture and Town Planning, Polytechnic University of Timisoara, Romania

2015-2017

- Architectural intern, Atelier Brevior Studio/ Romania

2014

- Architectural intern, HCP Architects/ Spain

## TEACHING ACTIVITIES

2024-present Doctoral School of the Polytechnic University of Timisoara, Romania

- Multi-risk strategies for the protection of the urban heritage, Doctoral cycle, course + seminar

2015-present Faculty of Architecture and Town Planning, Polytechnic University of Timisoara, Romania

- Basics of Civil Engineering for Architects, 2<sup>nd</sup> year of study, Bachelor cycle, course + seminar
- Architectural Design Studio, 2<sup>nd</sup> year of study, Bachelor cycle, project
- Computer-aided design, 3<sup>rd</sup> year of study, Bachelor cycle, seminar (until 2020)
- Restoration Methods, 4<sup>th</sup> year of study, Bachelor cycle, seminar (until 2020)
- Technical Restoration project, 5<sup>th</sup> year of study, Bachelor cycle, project (until 2020)
- Architectural Seismic Design, 5<sup>th</sup> year of study, Bachelor cycle, course + seminar
- Consolidation methods and technologies for heritage structures, Master cycle, course + seminar
- Vulnerability and resilience of urban areas, Master cycle, course + seminar
- Urban Seismic design, Master cycle, course + seminar

## SUPERVISING AND MENTORING ACTIVITIES

2024-present

- 5 Ph.D. students, principal supervisor, Doctoral School of Architecture
- 1 Ph.D. student in co-tutela, secondary supervisor, Doctoral School of Architecture
- 1 Ph.D. foreign student with a scholarship offered by the Ministry of Education of Romania, Doctoral School of Architecture

2024 - present

- External reviewer for 2 Italian Ph.D. theses

2023 - present

- 10 Ph.D. theses, member of the supervising committee

2018 - present

- 2 Bachelor+master Students, consulting (secondary), Faculty of Architecture and Town Planning/ Architecture bachelor+master studies, Polytechnic University of Timisoara/ Romania

2022 - present

- 1 Master Student, mentoring, Faculty of Architecture and Town Planning/ Civil Engineering master program, Università Federico II of Naples, and Polytechnic University of Timisoara/ Romania

2022 - present

- Erasmus+ agreement, coordinator, Università G. d'Annunzio di Chieti-Pescara, Italy, coordinator for both students and staff mobilities, teaching, and training

2023 – present

- Master's studies admission committee, general secretary, Faculty of Architecture and Town Planning, Polytechnic University of Timisoara/ Romania

2023 - present

- Master's studies practice discipline, coordinator, field of Restoration and Patrimonial Regeneration, Faculty of Architecture and Town Planning, Polytechnic University of Timisoara/ Romania

2022 - present

- Bachelor studies admission committee, member, Faculty of Architecture and Town Planning, Polytechnic University of Timisoara/ Romania

2020 - present

- Bachelor studies diploma committee, commission secretary, Faculty of Architecture and Town Planning, Polytechnic University of Timisoara/ Romania

2023 - present

- Doctoral studies admission committee, member, Doctoral School of Architecture, Polytechnic University of Timisoara/ Romania

## INVITED LECTURER, INTERNATIONAL MOBILITIES

2026 Invited speaker at the 8th International Experts Meet on Applied Science, Engineering, and Technology

2023 Invited lecturer at the Università degli Studi di Bari within the ERASMUS+ framework

2022 Invited lecturer at the Università degli Studi della Basilicata within the ERASMUS+ framework

2022 Invited lecturer at the Università degli Studi di Catania within the ERASMUS+ framework

2022 Invited lecturer at the Reykjavik University within the ERASMUS+ framework

2022 Invited lecturer at the Università Federico II di Napoli, DYCLAM+ Erasmus Mundus Master

2021 Invited lecturer at the Università Federico II di Napoli, DYCLAM+ Erasmus Mundus Master

## PRIZES, AWARDS AND FELLOWSHIPS

2023 Winner of Go East Summer Schools 2023

2023 1st Prize, Regional Competition of Architecture Students C.A.S.A., coordinator of winning project

2022 Winner of the National Competition of research projects for young teams AOSR-TEAMS, organized the Academy of Romanian Scientists

2022 Selected project within the Annual Architectural Awards of Timis Architects Order 2020 Research results award by the Ministry of Education in Romania

2020 Research results award by the Polytechnic University of Timisoara

2019 Research results award by the Polytechnic University of Timisoara

2018 Best Poster Award on the International Conference on Engineering Failure Analysis, Budapest

2017 1st Prize for East-European Kitchen Design, Leicht Competition

2017 Erasmus training grant for research mobility at the Università degli Studi di Padova

2013 Erasmus study grant for study mobility at the Università degli Studi di Palermo

## FUNDING APPLIED OR RECEIVED

2025 HORIZON-CL2-2025-01-HERITAGE-03, Serve the cultural heritage community digital transition with ready-to-use & innovative tools performed in European theatres (SCRIPT), 30 months, partner, just application

2024 1 Research results award by the Polytechnic University of Timisoara

2023 3 Research results award by the Polytechnic University of Timisoara

2023 Go East Summer Schools 2023, 12 scholarships for students to attend the Multidisciplinary vulnerability assessment of Fabric historical district in Timisoara, European Capital of Culture 2023

2023 Grant for teaching foreign students by the Polytechnic University of Timisoara

2022 COST ACTION Fostering multi-risk participatory planning to enhance resilience and sustainable urban development (FLIPPED), 4 years, European Cooperation in Science & Technology/ Europe, secondary proposer (first proposer Prof. Serena Cattari, UNIGE, IT), only application

2022 Project Seismic risk analysis for heritage buildings in Timisoara European Capital of Culture 2023, at a multidisciplinary level, 18 months, 10 000 EUR, The Academy of Scientists/ Romania – research director of the grant, <https://www.aosr.ro/2022-2/>

2022 Grant for teaching foreign students by the Polytechnic University of Timisoara

2021 COST ACTION CA20139 Holistic Design of Taller Timber Buildings (HELEN), 4 years, only mobility fundings, European Cooperation in Science & Technology/ Europe – member of the Romanian team, <https://www.cost.eu/actions/CA20139/>

2020 PRECISI2020 research results award National Competition, award for paper 80215

2020 PRECISI2020 research results award National Competition, award for paper 80500

2020 1 Research results award by the Polytechnic University of Timisoara

2019 1 Research results award by the Polytechnic University of Timisoara

## MAJOR COLLABORATIONS

Regional Competition of Architecture Students C.A.S.A., organizer together with faculties of architecture from Timisoara, Cluj-Napoca and Oradea (Romania) and Debrecen and Gyor (Hungary)

Blended Intensity program `Bridging the gap between historical identity and modern communities' needs: Towards a more cohesive and accessible heritage` - Universitatea Politehnica Timișoara (organizer), Università degli Studi della Basilicata, Università degli Studi di Ferrara, University of Valladolid, École Nationale Supérieure d'Architecture et de Paysage de Bordeaux

Blended Intensity program `Healthy cities in crisis: Urban space and Public Health in the Fight Against Obesity and Cardiovascular Diseases` - Universitatea Politehnica Timișoara (organizer), Victor Babeș University of Medicine and Pharmacy of Timișoara, Università Federico II of Naples Italy and Germany

Research network for the cultural heritage community digital transition in European theatres – France, Italy, United Kingdom, Spain, Romania

Research network for the restoration and preservation of Banat historic Churches – University of Basilicata Italy, Politecnico di Milano Italy, Polytechnic University of Marche Italy, Università Federico II of Naples Italy and Polytechnic University of Timisoara Romania

Research network for the seismic vulnerability assessment of historical urban areas - Università degli Studi di Padova, Politecnico di Milano Italy, Università Federico II of Naples Italy, and Polytechnic University of Timisoara Romania

Nonacademic collaboration for the restoration and preservation of Banat Catholic Churches – Edil Giraldi, Cerasa Italy and Polytechnic University of Timisoara Romania

Research collaboration for investigating the fiber-based consolidation materials – Kerakoll Romania and Polytechnic University of Timisoara Romania

## **INVITED REVIEWER**

Invited reviewer for Ph.D. thesis, University of Bari, Italy  
Invited reviewer for book chapter, IntechOpen  
Invited reviewer for the Journal of Building Engineering, impact factor 7.14, Q1 quartile (WOS)  
Invited reviewer for the Structures journal, impact factor 4.01, Q2 quartile (WOS)  
Invited reviewer for the Engineering Failure Analysis journal, impact factor 3.63, Q2 quartile (WOS)  
Invited reviewer for the Asian Journal of Civil Engineering, indexed in Scopus database  
Invited reviewer for the Computational and Mathematical Methods in Medicine Journal, impact factor 2.809, Q2 quartile (WOS)  
Invited reviewer for the Soil Dynamics and Earthquake Engineering Journal, impact factor 4.25, Q2 quartile (WOS)  
Invited reviewer for the Earthquake Engineering and Engineering Vibration Journal, impact factor 3.30, Q2 quartile (WOS)  
Invited reviewer for the International Journal of Disaster Risk Reduction, impact factor 4.20, Q1 quartile (WOS)  
Invited reviewer for the Heritage Journal, impact factor 2.00, Q2 quartile (WOS)  
Invited reviewer for the Buildings Journal, impact factor 3.10, Q2 quartile (WOS)  
Invited reviewer for the Sustainability Journal, impact factor 3.30, Q2 quartile (WOS)  
Invited reviewer for the Urban Science, impact factor 2.90, Q3 quartile (WOS)  
Invited reviewer for the Materials Journal, impact factor 3.10, Q1 quartile (WOS)  
Invited reviewer for the International Journal of Conservation Science, impact factor 0.60 (WOS)  
Invited reviewer for Journal of Nanomaterials, impact factor 3.79, Q3 quartile (WOS)  
Invited reviewer for Applied Sciences Journal, impact factor 2.50, Q1 quartile (WOS)  
Invited reviewer for Geohazards Journal, impact factor 1.60, Q3 quartile (WOS)  
Invited reviewer for Asian Architecture and Building Engineering, impact factor 1.60, Q3 quartile (WOS)  
Invited reviewer for Computing and Cultural Heritage, impact factor 2.20, Q3 quartile (WOS)  
Invited reviewer for Reliability Engineering (WOS)  
Invited reviewer for the International Journal of Architecture, Arts and Applications  
Invited reviewer for the Natural Hazard Research Journal  
Invited reviewer for the Journal Arts&Communication  
Invited reviewer for the Un anima per il diritto Journal, open-access  
Invited reviewer for Cohesion conference

## **INVITED MEMBER OF NATIONAL/INTERNATIONAL BOARDS AND COMMITTEES**

2026 Member of the Organizing Committee for the 8th International Experts Meet on Applied Science, Engineering, and Technology  
2026 Member of the Program Committee for the International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage  
2026 Member of the Technical Committee for the International Civil Engineering and Architecture Conference  
2025 Member of the Event Scientific Committee for the 1<sup>st</sup> International Online Conference on Urban Sciences  
2025 Organizer of the Scientific Communication Session for Doctoral Students, Timisoara, Romania  
2025 Early-career editorial member, Sustainability journal  
2025 Member of the National Experts Community for equity and reducing university dropout  
2025 Member of the National Committee for Establishing the Minimal Standards for the Scientific Researcher position in the field of Architecture, Romania  
2024 Member of the CNATDCU - National Council for the Attestation of University Degrees, Diplomas and Certificates in Architecture, Commission of Architecture, Romania  
2024 Member of the Organization for Women in Science for the Developing World (OWSD)  
2024 Member of the organizing committee of the first conference of architectural doctoral students  
2023 International Conference on Heritage and Sustainable Innovation CoHeSion, Timisoara  
2023 Member of the organizing committee of the Romanian School of Architecture Festival  
2023 Member of the organizing committee of the exposition X5 of the Romanian Schools of Architecture  
2022 Masterclass with lect. Sergio Ruggieri, Vulnerability assessment procedures, Timisoara  
2021 International Conference on Heritage and Sustainable Innovation CoHeSion, Timisoara  
2019 Masterclass with Prof. Antonio Formisano, Consolidation methods and technologies, Timisoara  
2019 Masterclass with Prof. Antonio Formisano, Urban planning antiseismic techniques, Timisoara  
2018 Masterclass with arch. Emsd Fikry Fouad, Architectural design for competitions, Timisoara  
2018 International Conference on Heritage and Sustainable Innovation CoHeSion, Timisoara  
2017 Open lesson with Dott. Vittorio Giraladi, Thoughts about restoration and rehabilitation work

## INVITED EDITOR

Editor for Book 'Risk Management- Interdisciplinary Approach', IntechOpen, 2026

Co-Guest Editor for Land journal (WOS, Q2), Special Issue A Sustainable Perspective on Urban Planning and Landscape Design, MDPI

Early-career editorial board member for the Sustainability journal (WOS, Q2, Impact factor 3.88)

Topical Advisory Panel member for Applied Sciences journal (WOS, Q2, Impact factor 2.50)

Guest Editor for Sustainability journal (WOS, Q2, Impact factor 3.88), Special Issue Sustainable Design and Assessment of Heritage Structures and Urban Areas, MDPI

Co-Guest Editor for Sustainability journal (WOS, Q2, Impact factor 3.88), Special Issue Study and Application in Construction: Disaster Prevention and Structural Engineering, MDPI

Convener for WMCAUS Conference (WOS), Special Session: Multidisciplinary approaches of the architectural engineering field, 2023

## INTERNATIONAL CONFERENCES CONTRIBUTION

2025 8<sup>th</sup> International Conference on Civil Engineering and Architecture, Jakarta, Indonesia

2025 14<sup>th</sup> International Conference on Structural Analysis of Historical Constructions, Laussane, Switzerland

2025 10<sup>th</sup> International Conference on Computational Methods COMPDYN, Rhodes, Greece

2023 13<sup>th</sup> International Conference on Structural Analysis of Historical Constructions, Kyoto, Japan

2023 Conferinta Nationala Stiintifica de Toamna a AOSR, Constanta, Romania

2023 International Conference on Heritage and Sustainable Innovation CoHeSion, Timisoara, Romania

2023 9<sup>th</sup> International Conference on Computational Methods COMPDYN, Athens, Greece

2023 8<sup>th</sup> World Multidisciplinary Civil Engineering Architecture Urban Planning Symp., Praga, Cehia

2023 41<sup>st</sup> GNGTS National Conference, Bologna, Italy

2022 3<sup>rd</sup> European Conference on Earthquake Engineering & Seismology, Bucharest, Romania

2022 7<sup>th</sup> World Multidisciplinary Civil Engineering Architecture Urban Planning Symp., Praga, Cehia

2022 XIX ANIDIS Conference, Seismic Engineering, Torino, Italy

2021 12<sup>th</sup> International Conference on Structural of Historical Constructions, Barcelona, Spain

2021 8<sup>th</sup> International Conference on Computational Methods COMPDYN, Athens, Greece

2021 International Conference on Heritage and Sustainable Innovation CoHeSion, Timisoara, Romania

2019 International Conference on Structures & Architecture, Lisbon, Portugal

2019 4<sup>th</sup> World Multidisciplinary Civil Engineering Architecture Urban Planning Symp., Praga, Cehia

2019 Modern Technologies for the 3<sup>rd</sup> Millenium Conference, Oradea, Romania

2018 International Conference on Heritage and Sustainable Innovation CoHeSion, Timisoara, Romania

2018 11<sup>th</sup> International Conference on Structural of Historical Constructions, Cusco, Peru

2018 International Conference on Engineering Failure Analysis, Budapest, Hungary

2018 3<sup>rd</sup> World Multidisciplinary Civil Engineering Architecture Urban Planning Symp., Praga, Cehia

2018 Modern Technologies for the 3<sup>rd</sup> Millenium Conference, Oradea, Romania

2017 MURICO5 International Conference, Bologna, Italy

2017 Modern Technologies for the 3<sup>rd</sup> Millenium Conference, Oradea, Romania

## PUBLICATIONS – BOOKS AND BOOK CHAPTERS

I. Onescu, L. Ivascu, C. Tudoran, N. Chieffo, „Urban Challenges in Eastern Europe: Linking Built Environment Vulnerabilities, Technology Gaps, and Public Health Outcomes”, book Risk Management- Interdisciplinary Approach, IntechOpen, in press

I. Onescu et. Al., “Vulnerability Assessment of Historical Churches in Banat Seismic Region, Romania”, 13<sup>th</sup> International Conference on Structural Analysis of Historical Constructions, pp. 3546-3557, 2023, RILEM Bookseries, Springer, volume 46, pp. 1146-1158, ISBN 978-3-031-39449-2

A. Mosoarca and I. Onescu, “The Conservation and Rehabilitation of Listed Buildings in Line with the Relevant Regulations and Community Needs”, 13<sup>th</sup> International Conference on Structural Analysis of Historical Constructions, pp. 3546-3557, 2023, RILEM Bookseries, Springer, volume 46, pp. 838-848, ISBN 978-3-031-39449-2

I. Onescu, „The role of the architect in the conservation process of the authenticity of the urban patrimony”, Habilitation Thesis, Polytechnic University of Timisoara, 2022

E. Onescu, I. Onescu, M. Mosoarca, “Seismic vulnerability assessment methodology for historical buildings with cultural value”, Volume Vulnerability and risk analysis, 12<sup>th</sup> International Conference on Structural Analysis of Historical Constructions, pp. 3546-3557, 2021, ISBN 978-84-123222-0-0

I. Onescu (Apostol), „Seismic vulnerability assessment of historical urban centers”, Ph.D. Thesis, Universitatea Politehnica Timisoara, ISBN 978-606- 35-0410- 5, 2020

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

I. Apostol, R. Bradeanu, M. Mosoarca, "Case study of consolidation methods with fiber-based composite materials in Romania", in Key Engineering Materials, Volume 747 KEM, Pages 414-419, 2017, ISSN:1013-9826

M. Mosoarca, I. Apostol, A. Keller, A. Formisano, "Consolidation methods of Romanian historical building with composite materials", in Key Engineering Materials, Volume 747, Pages 406-413, 2017, ISSN:1013-9826

## **PUBLICATIONS – JOURNALS**

Belkhiri Kenza, Onescu Iasmina, Szitar-Sirbu Mirela Adriana, „Integrating Sustainability into Urban Planning: A Systematic Review of Policies Addressing Hazard Risks and Climate Change”, Sustainability, 2026 (Q2, WOS)

Draghici Cristina, Onescu Iasmina, Tanase Ioana, Povian Cristina, „Towards a More Cohesive and Accessible City Centre: Bridging the Gap Between Historical Identity and Modern Community’s Needs—Case Study: Lugoj City, Romania”, Heritage, 2025 (Q2, Impact Factor 1.9)

Pescaru Adrian, Zsak Greta, Onescu Iasmina, „Architecture and Armour in Heritage Discourse: Form, Function, and Symbolism”, Heritage, 2025 (WOS:001580022200001, Q2, Impact Factor 1.9)

Mosiu Alina, Ion Rodica-Mariana, Onescu Iasmina et. al. „Architectural Heritage Conservation and Green Restoration with Hydroxyapatite Sustainable Eco-Materials”, Sustainability, 2025 (WOS:001527627300001, Q2, Impact factor 3.3)

Iasmina Onescu, "Heritage Conservation Through Learning. Case-Study of an International Multidisciplinary Summer School", International Journal of Conservation Science, 2024 (WOS:001422405100011, Impact factor 0.6)

Iasmina Onescu et. Al., "Simplified Vulnerability Assessment of Historical Churches in Banat Seismic Region, Romania", International Journal of Architectural Heritage, 2024 (WOS: 001199978800001, Q2, Impact factor 2.4)

Marius Mosoarca, Mihai Fofiu, Iasmina Onescu, „Failure mechanism of historic churches in Gorj county for shallow seismic action”, Engineering Failure Analysis, vol. 152, 2023 (WOS: 001050315900001, Q1, Impact factor 4)

Anna Lo Monaco, Nicola Grillanda, Iasmina Onescu, Mihai Fofiu, Francesco Clementi, Michele D’Amato, Antonio Formisano, Gabriele Milani, Marius Mosoarca, „Seismic assessment of Romanian Orthodox masonry churches in the Banat area through a multi-level analysis framework”, Engineering Failure Analysis, vol. 153, 2023 (WOS: 001067708800001, Q1, Impact factor 4)

Iasmina Onescu, M. Mosoarca, E. Onescu, „Seismic risk assessment and crisis management for historical buildings in Timisoara”, Journal of Building Engineering, vol. 72C, 2352-7102, 2023, (WOS: 001054946500001, Q1, Impact factor 7.14)

Onescu I., M. Fofiu, E. Onescu, „Teaching engineering subjects to architecture students. Opportunities and challenges”, Journal of Architecture, Urbanism and Heritage, vol. VI, nr. 2, 2023

Anna Lo Monaco, Nicola Grillanda, Iasmina Onescu, Mihai Fofiu, Francesco Clementi, Michele D’Amato, Antonio Formisano, Gabriele Milani, Marius Mosoarca, „Seismic assessment of typical historical masonry churches in the Banat region, Romania - Part I”, Structural Integrity Procedia, Elsevier, 2022 (Scopus)

Anna Lo Monaco, Nicola Grillanda, Iasmina Onescu, Mihai Fofiu, Francesco Clementi, Michele D’Amato, Antonio Formisano, Gabriele Milani, Marius Mosoarca, „Seismic assessment of typical historical masonry churches in the Banat region, Romania - Part II”, Structural Integrity Procedia, Elsevier, 2022 (Scopus)

M. Mosoarca. I. Onescu, A. Keller, „Simplified vulnerability assessment methodologies for historic structures in Banat seismic area”, Transsylvania Nostra, ISSN 1842-5631, 2021 (Scopus)

M. Fofiu, M. Mosoarca, I. Onescu, M. Palade, G. Olariu, T. Popovici, "Case study of consolidation, rehabilitation, and restoration of the "Sfantul Filimon" monastery", Journal of Architecture, Urbanism and Heritage, Politehnica Publishing House, 2021

N. Chieffo, I. Onescu, A. Formisano, M. Mosoarca, M. Palade, "Integrated empirical-mechanical seismic vulnerability analysis method for masonry buildings in Timisoara: Validation based on the 2009 Italian earthquake, in Open Civil Engineering Journal, Volume 14, Issue 1, Pages 314-333, 2020 (Scopus)

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, September 2020, (WOS: 000554871700007, Q1, Impact factor 3.63)

M. Mosoarca, I. Onescu, E. Onescu, B. Azap, 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, Q1, Impact factor 3.63)

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, , 2018, ISSN: 1224-6024

I. Apostol, A. Keller, M. Mosoarca, "Climate Change Risk Assessment Methodology for Historic Urban Centers", International Journal of Sustainable Agricultural Management and Informatics, 2016

A-M. Narița, V. Gurza, R. Opreța, 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 (Scopus)

## PUBLICATIONS – PROCEEDINGS PAPERS

- Cristina Draghici, Iasmina Onescu, „The harmonious relationship between public space and surrounding buildings in the historical city of Lugoj, Romania”, 8<sup>th</sup> International Conference on Civil Engineering and Architecture ICCEA, 2025
- Cristina Draghici, Iasmina Onescu, „The need for guidelines in restoration and heritage coherence in Romania”, 14<sup>th</sup> International Conference on Structural Analysis of Historical Constructions, 2025
- Moundher Mouaki Benani, Iasmina Onescu, Cristina Draghici, "Simplified vulnerability assessment of the architectural artistic assets in existing historical buildings in Timisoara, Romania", COMPDYN international conference, 2025
- M. Mosoarca, I. Onescu, A. Mosoarca, „Sustainability in the strengthening process of the load-bearing historical structures”, 8<sup>th</sup> World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium, MATEC Web Conf., Vol. 396, 2024
- A. Popa, A. Anghel., I. Onescu, M. Mosoarca, „A multidisciplinary investigation of the Konopi Mansion in Odvos, Romania”, 8<sup>th</sup> World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium, MATEC Web Conf., Vol. 396, 2024
- I. Onescu, A. Io Monaco et. al., „Vulnerability assessment of historical churches in Banat seismic region, Romania”, 13<sup>th</sup> International Conference on Structural Analysis of Historical Constructions, 2023 (WOS)
- I. Onescu, E. Onescu, M. Mosoarca, „Application of hazard risk methodology on historical built environment in Timisoara”, Computation Methods in Structural Dynamics and Earthquakes Engineering COMPDYN, Ecomas Procedia, pp. 2687-2697, 2023 (Scopus)
- Anna Lo Monaco, Nicola Grillanda, Iasmina Onescu, Mihai Fofiu, Francesco Clementi, Michele D’Amato, Antonio Formisano, Gabriele Milani, Marius Mosoarca, „Seismic response of historical masonry churches: The case of the Banat Romanian region”, Computation Methods in Structural Dynamics and Earthquakes Engineering COMPDYN, Ecomas Procedia, pp. 1669-1686, 2023 (Scopus)
- Carocci C.F., Circo C., Macca V., Mosoarca M., Onescu I., „Seismic vulnerability analysis of historic centres towards risk mitigation strategies. Remarks on the sister cities of Faenza (Italy) and Timisoara (Romania)”, 41<sup>st</sup> GNGTS National Conference, DOI: 10.13120/2tf2-1j75, 2023
- E. Onescu, I. Onescu, M. Mosoarca, A. Ion, „Case study of the seismic vulnerability of a historical building in Timisoara, Romania”, 7<sup>th</sup> WMCAUS Conference, AIP Conference Proceedings, Vol. 2928, issue 1, 2023
- I. Onescu, E. Onescu, M. Mosoarca, Seismic risk analysis for historic areas. Case study: Fabric district, Timisoara European Capital of Culture 2022, Proceedings of the 3<sup>rd</sup> European Conference on Earthquake Engineering & Seismology, ISBN 978-973-100-533-1, 2022 (Scopus)
- E. Onescu, I. Onescu, M. Mosoarca, "Optimization of empirical seismic vulnerability assessment for masonry buildings following nonlinear analysis", in COMPDYN Proceedings, Ecomas Procedia, pp. 581-594, ISSN 2623-3347, 2021 (Scopus)
- 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)
- E. Onescu, I. Onescu, M. Mosoarca, A. Ion, "Seismic vulnerability assessment of historical group of buildings in Timisoara city", in Proceedings of 18<sup>th</sup> National Technical-Scientific Conference on Modern Technologies for the 3<sup>rd</sup> Millennium, Oradea, Romania, 2019 (WOS:000617030100042)
- I. Onescu, E. Onescu, M. Mosoarca, "Multi-criterial vulnerability assessment for Timisoara city, Romania", in Proceedings of the 4<sup>th</sup> International Conference on Structure and Architecture, Pages 923-930, Lisabona, Portugalia, 2019 (WOS:000670758600110)
- 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)
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