

ANEXA 14 a: LISTA ARTICOLELOR PUBLICATE ÎN REVISTE INDEXATE SCOPUS INCLUSIV PROCEEDINGS (ALTELE DECÂT CELE INDEXATE ȘI WOS)

I. ARTICOLE PUBLICATE ÎN REVISTE INDEXATE SCOPUS

| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|--|---|------|---|--------|-------|------------|----------|------------|---|
| 2020 | | | | | | | | | | |
| 1. | Barbu A.-M.; Sandu M. | THE IMPORTANCE and NECESSITY of COST MANAGEMENT of CONSTRUCTION PROJECTS | 2020 | Urbanism. Architecture. Constructions | 11 | 2 | 215 | 224 | 9 | https://uac.ined.ro/Art/v11n2a07.pdf |
| 2. | Marmureanu G.; Borcia I.S.; Marmureanu A.; Cioflan C.O.; Dragos T.; Ilieș I.; Craiu G.-M.; Stoian I. | Larger peak ground accelerations in extra-carpathian area than in epicenter | 2020 | Romanian Journal of Physics | 65 | 6-May | 1 | 10 | 9 | https://doi.org/10.5194/egusphere-egu2020-7215 |
| 3. | Dobrescu C. | Dynamic response of the newton voigt-kelvin modelled linear viscoelastic systems at harmonic actions | 2020 | Symmetry | 12 | 9 | | | | https://doi.org/10.3390/SYM12091571 |
| 4. | Dobrescu C.-F. | The influence of the rigidity of the compacted soil on the dynamic regime of the vibrating rollers for road works | 2020 | Romanian Journal of Acoustics and Vibration | 17 | 1 | 77 | 80 | 3 | https://rjav.sra.ro/index.php/rjav/article/view/184 |

| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|---|---|------|---|--------|-------|------------|----------|------------|---|
| 2021 | | | | | | | | | | |
| 5. | Georgescu E.S. | Tropaeum traiani: Revisiting the field findings of carl wilhelm wutzer (1856) vs. excavation data of grigore tocilescu (1885) on the triumphal monument | 2021 | Journal of Ancient History and Archaeology | 8 | 1 | 116 | 126 | 10 | https://doi.org/10.14795/j.v8i1.605 |
| 6. | Marmureanu A.; Ionescu C.; Grecu B.; Toma-Danila D.; Tiganescu A.; Neagoe C.; Toader V.; Craifaleanu I.G.; Dragomir C.S.; Mei V.; Liashchuk O.I.; Dimitrova L.; Ilie I. | From national to transnational seismic monitoring products and services in the republic of bulgaria, republic of moldova, romania, and ukraine | 2021 | Seismological Research Letters | 92 | 3 | 1685 | 1703 | 18 | https://doi.org/10.1785/0220200393 |
| 7. | Dobrescu C.; Căpățină D.; Iliescu M. | The Effects of Nonlinear Viscosity of Asphalt Concrete in Vibration Compaction Process | 2021 | Romanian Journal of Acoustics and Vibration | 18 | 2 | 139 | 142 | 3 | https://rjav.sra.ro/index.php/rjav/article/view/285 |
| 8. | Petrisor A.-I.; Mierzejewska L.; Mitrea A.; Drachal K.; Tache A.V. | Dynamics of open green areas in polish and romanian cities during 2006–2018: Insights for spatial planners | 2021 | Remote Sensing | 13 | 20 | | | | https://doi.org/10.3390/rs13204041 |

| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|--|--|------|--|--------|-------|------------|----------|------------|---|
| 2022 | | | | | | | | | | |
| 9. | Varga L.; Baeră C.; Gruin A.; Ostrovsca I. | CREATIVE RESTORATION METHODOLOGY ON PAVEMENTS OF HISTORICAL OBJECTIVES: CASE STUDY – THE ARAD FRANCISCAN MONASTERY | 2022 | International Journal of Conservation Science | 13 | 3 | 879 | 894 | 15 | https://www.proquest.com/docview/271660223?fromopenview=true&pq-origsite=scholar&sourcey=20journal |
| 10. | Craifaleanu A.; Craifaleanu I.-G. | A co-creation experiment for virtual laboratories of mechanics in engineering education | 2022 | Computer Applications in Engineering Education | 30 | 4 | 991 | 1008 | 17 | https://doi.org/10.1002/cae.22498 |
| 11. | Petcu C.; Vasile V. | TRADITIONAL BUILDING MATERIALS FOR SUSTAINABLE THERMAL INSULATING OF BUILDING ELEMENTS; [MATERIALE DE CONSTRUCȚII TRADIȚIONALE PENTRU IZOLAREA TERMICĂ DURABILĂ A ELEMENTELOR DE CONSTRUCȚII | 2022 | Revista Romana de Materiale/ Romanian Journal of Materials | 52 | 1 | 66 | 74 | 8 | https://solacolu.chim.upb.ro/cupl12022e.html chrome-extension://efaidnbmnnnlpcapbjpcgelefndmkaj/https://solacolu.chim.upb.ro/pg66-74.pdf |

| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|--|---|------|---|--------|-------|------------|----------|------------|---|
| 2023 | | | | | | | | | | |
| 12. | Cornelia B.; Aurelian G.; Bogdan B.; Aurel P.I.; Luiza V. | Analysis of Mechanical Performance of Cementitious Materials with Spent Garnets as Fine Grain Aggregate Partial Replacement | 2023 | Key Engineering Materials | 953 | | 127 | 139 | 12 | https://doi.org/10.4028/p-dng6B8 |
| 13. | Tache A.-V.; Popescu O.-C.; Petrișor A.-I. | Conceptual Model for Integrating the Green-Blue Infrastructure in Planning Using Geospatial Tools: Case Study of Bucharest, Romania Metropolitan Area | 2023 | Land | 12 | 7 | | | | https://doi.org/10.3390/land12071432 |
| 14. | Nguyen H.D.; Dang D.-K.; Bui Q.-T.; Petrisor A.-I. | Multi-hazard assessment using machine learning and remote sensing in the North Central region of Vietnam | 2023 | Transactions in GIS | 27 | 5 | 1614 | 1640 | 26 | https://doi.org/10.1111/tgis.13091 |
| 15. | Azra M.N.; Aouissi H.A.; Hama W.; Guerzou M.; Noor M.I.M.; Petrișor A.-I. | A Scientometric Macroanalysis of Coral Reef Research in the World | 2023 | Ekologia Bratislava | 42 | 2 | 108 | 116 | 8 | https://doi.org/10.2478/eko-2023-0013 |
| 16. | Petrișor A.-I.; Harea O.; Tache A.-V.; Munteanu A.; Popescu O.-C.; Andronovici D.; Petrișor L.E. | Deciphering green infrastructure patterns in Eastern Europe: focus on Bucharest, Romania and Chisinau, Republic of Moldova | 2023 | Present Environment and Sustainable Development | 17 | 1 | 321 | 334 | 13 | https://doi.org/10.47743/pesd2023171022 |
| 17. | Nowak M.; Pantyley V.; Blaszke M.; Fakeyeva L.; Lozynskyy R.; Petrisor A.-I. | Spatial Planning at the National Level: Comparison of Legal and Strategic Instruments in a Case Study of Belarus, Ukraine, and Poland | 2023 | Land | 12 | 7 | | | | https://doi.org/10.3390/land12071364 |

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| 18. | Cocheci R.-M.; Petrisor A.-I. | Challenges for sustainable suburban communities: comparing suburbanization in Romanian and Italian metropolitan areas | 2023 | Italian Journal of Planning Practice | 13 | 1 | 47 | 75 | 28 | https://doi.org/10.1057/9780230308626.0022 |
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| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|---|---|------|------------------------------|--------|-------|------------|----------|------------|---|
| 2024 | | | | | | | | | | |
| 19. | Vasile V.; Catalina T.; Dima A.; Ion M. | Pollution Levels in Indoor School Environment—Case Studies | 2024 | Atmosphere | 15 | 4 | | | | https://doi.org/10.3390/atmos15040399 |
| 20. | Fossokeng Mouafo J.M.; Tănăselia C.; Nana Yakam A.; Priso J.R.; Ketata M.; Petrisor A.-I. | Using Inverse Distance Weighting to Determine Spatial Distributions of Airborne Chemical Elements. Case Study: Douala, Cameroon | 2024 | South-East European Forestry | 15 | 2 | 175 | 186 | 11 | https://doi.org/10.15177/see4or.24-19 |
| 21. | Nguyen H.D.; Giang V.T.; Truong Q.-H.; Şerban G.; Petrişor A.-I. | ROUNDWATER POTENTIAL ASSESSMENT IN GIA LAI PROVINCE (VIETNAM) USING MACHINE LEARNING, REMOTE SENSING AND GIS | 2024 | Geographia Technica | 19 | 2 | 13 | 32 | 19 | https://doi.org/10.21163/GT_2024.192.02 |
| 22. | Cornelia B.; Gruiu A.; Bolborea B.; Chendeş R.; Burduhos-Nergiş D.-D.; Varga L. | Experimental Approach Regarding the Potential of Spent Garnets Use as Mineral Addition in Cement-Based Construction Products | 2024 | Structural Integrity | 28 | | 566 | 584 | 18 | https://doi.org/10.1007/978-3-031-49723-0_43 |
| 23. | Bratu P.; Dobre D.; Vasile O.; Dobrescu C.-F. | The Seismic Behavior of a Base-Isolated Building with Simultaneous Translational and Rotational Motions during an Earthquake | 2024 | Buildings | 14 | 10 | | | | https://doi.org/10.3390/buildings14103099 |

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| 24. | Nguyen H.D.; Dang D.K.; Nguyen Q.-H.; Phan-Van T.; Bui Q.-T.; Petrisor A.-I.; Nghiem S.V. | Monitoring the effects of climate, land cover and land use changes on multi-hazards in the Gianh River watershed, Vietnam | 2024 | Environmental Research Letters | 19 | 10 | | | | https://doi.org/10.1088/1748-9326/ad7278 |
| 25. | Longobardi G.; Moşoarca M.; Gruin A.; Ion A.; Formisano A. | An Innovative, Lightweight, and Sustainable Solution for the Integrated Seismic Energy Retrofit of Existing Masonry Structures | 2024 | Sustainability (Switzerland) | 16 | 11 | | | | https://doi.org/10.3390/su16114791 |
| 26. | Vasile V.; Popa I.; Petcu C.; Dima A.; Ion M. | Innovative Finishes Obtained by Integrating Agro-Industrial Waste into the Circular Economy and Their Impact on Indoor Air Quality | 2024 | Structural Integrity | 28 | | 539 | 546 | 7 | https://doi.org/10.1007/978-3-031-49723-0_41 |
| 27. | Nowak M.J.; Mitrea A.; Kovács K.F.; Jürgenson E.; Legutko-Kobus P.; Petrişor A.-I.; Simeonova V.; Blaszke M. | UNCOVERING SPATIAL PLANNING VALUES THROUGH LAW: INSIGHTS FROM CENTRAL EAST EUROPEAN PLANNING SYSTEMS | 2024 | Europa XXI | 47 | | | | | https://ibn.idsi.md/vizualizare_articol/208355 https://doi.org/10.7.7163/Eu21.2024.47.8 |
| 28. | Ianoş I.; Cochei R.-M.; Petrişor A.-I. | Exploring the Relationship between the Dynamics of the Urban–Rural Interface and Regional Development in a Post-Socialist Transition | 2024 | Urban Science | 8 | 2 | | | | https://doi.org/10.3390/urbansci8020047 |
| 29. | Bolborea B.; Baeră C.; Gruin A.; Burduhos- Nergiş D.-D. | Further Investigations Regarding a New Approach on Estimating Concrete Compressive Strength via Ultrasonic Pulse Velocity | 2024 | Structural Integrity | 28 | | 249 | 259 | 10 | https://doi.org/10.1007/978-3-031-49723-0_19 |

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| 30. | Popescu, R. S., Popescu, L. L., & Catalina, T. | Outdoor Pollution Comparison Between Bucharest and Its Outskirts Using Mobile Laboratory | 2024 | International Journal of Environmental Research and Public Health | 21 | 12 | 1573 | | | https://doi.org/10.3390/ijerph21121573 |
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II. LUCRĂRI PREZENTATE LA MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE ȘI PUBLICATE ÎN REVISTE INDEXATE SCOPUS

| N r · C r t · | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|---------------------------------|---|---|------|--|--------|-------|---------------|-------------|---------------|---|
| 2020 | | | | | | | | | | |
| 1. | Mircea A.C.; Szilagy H.; Hegy A.; Baera C. | Study of self-healing engineered cementitious composites for durable and sustainable infrastructure | 2020 | Procedia Manufacturing | 46 | | 871 | 878 | 7 | https://doi.org/10.1016/j.promfg.2020.05.002 |
| 2. | Vasile V.; Ion M.; Petcu C. | Comparative analysis of the particulate matter (PM) concentrations monitoring in some indoor spaces from Bucharest, Romania | 2020 | 16th Conference of the International Society of Indoor Air Quality and Climate: Creative and Smart Solutions for Better Built Environments, Indoor Air 2020 | | | | | | |
| 3. | Voinitchi C.; Baeră C.; Zapciu M.; Matei C.; Szilagy H. | Development of Cement-Based Materials Enriched with Polymeric Coated Reactive Grains as Long-Term Promoter of Matrix Continuous Hydration | 2020 | IOP Conference Series: Materials Science and Engineering | 877 | 1 | | | | https://doi.org/10.1088/1757-899X/877/1/012028 |
| 4. | Lzrescu A.; Szilagy H. | Experimental Investigation on the Development of Geopolymer Paving | 2020 | IOP Conference Series: Materials | 877 | 1 | | | | https://doi.org/10.1088/1757-899X/877/1/012034 |

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| | Baer C.; Hegy A.; Meia V. | Blocks by Using Romanian Local Raw Materials | | Science and Engineering | | | | | | |
| 5. | Vasile V.; Ion M.; Dima A. | Indoor air pollutants, comfort parameters and their interactions in the context of sustainable development of the built environment | 2020 | IOP Conference Series: Earth and Environmental Science | 588 | 3 | | | | https://doi.org/10.1088/1755-1315/588/3/032075 |
| 6. | Mircea C.G.R.; Baeră C.; Snoeck D.; de Belie N. | Numerical proposals for the self- repairing assesment of ECC members | 2020 | Proceedings of the 6th European Conference on Computational Mechanics: Solids, Structures and Coupled Problems, ECCM 2018 and 7th European Conference on Computational Fluid Dynamics, ECFD 2018 | 3181 | 3191 | | | 10 | http://congress.cimne.com/eccm_ecfd2018/admin/files/filePaper/p1672.pdf |
| 7. | Dragomir C.S.; Dobre D.; Iliescu V. | A comprehensive approach for the seismic vulnerability of a building of public utility | 2020 | IOP Conference Series: Materials Science and Engineering | 960 | 4 | | | | https://doi.org/10.1088/1757-899X/960/4/042073 |
| 8. | Dragne H.; Simion A.; Stoica D. | Experimental Research on the Behaviour of the Systems for Ventilated Facades, Exposed to the Fire Action | 2020 | IOP Conference Series: Materials Science and Engineering | 877 | 1 | | | | https://doi.org/10.1088/1757-899X/877/1/012059 |

| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|--|--|------|---|--------|-------|------------|----------|------------|---|
| 2021 | | | | | | | | | | |
| 9. | Dobrescu C. | The assessment of the dynamic compaction effect with vibratory rollers based on the soil rheological behaviour | 2021 | Advances in Acoustics, Noise and Vibration – 2021, Proceedings of the 27th International Congress on Sound and Vibration, ICSV 2021 | | | | | | |
| 10. | Tiganescu A.; Craifaleanu I.G.; Balan S.F. | Dynamic parameters of a RC building extracted from earthquake data using the Random Decrement Technique | 2021 | IOP Conference Series: Earth and Environmental Science | 664 | 1 | | | | https://doi.org/10.1088/1755-1315/664/1/012088 |
| 11. | Dragomir C.-S.; Dobre D. | Supporting Actions to Increase Seismic Response in Areas with Potential for Disaster | 2021 | IOP Conference Series: Earth and Environmental Science | 906 | 1 | | | | https://doi.org/10.1088/1755-1315/906/1/012131 |
| 12. | Tiganescu A.; Craifaleanu I.G.; Balan S.F. | Short-term evolution of dynamic characteristics of a RC building under seismic and ambient vibrations | 2021 | IOP Conference Series: Earth and Environmental Science | 664 | 1 | | | | https://doi.org/10.1088/1755-1315/664/1/012105 |
| 13. | Dobrescu C.-F. | Comparative Analysis of the Voigt–Kelvin and Maxwell Models in the Compaction by Vibration Process | 2021 | Springer Proceedings in Physics | 251 | | 359 | 366 | 7 | https://doi.org/10.1007/978-3-030-54136-1_36 |

| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|--|---|------|---|--------|-------|------------|----------|------------|---|
| 2022 | | | | | | | | | | |
| 14. | Baeră C.; Matei C.-L.; Enache F.; Stamate C.; Cioncu-Puenea M. | Experimental study for structural performance evaluation of earth walls realised with innovative traditional technologies | 2022 | International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology | 22 | 6.2 | 413 | 420 | 7 | https://doi.org/10.5593/sgem2022V/6.2/s26.53 |

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| | | | | Management, SGEM | | | | | | |
| 15. | Dobrescu C.F. | The Dynamic Compaction Regime of the Discretely Variable Viscoelastic Soil Parameters During the Work Process | 2022 | Springer Proceedings in Physics | 274 | | 254 | 259 | 5 | https://doi.org/10.1007/978-3-030-96787-1_28 |
| 16. | Matei C.L.; Stamate C.-M.; Cioncu–Puenea M. | In-situ Experimental Research to Reinforce, Restore and Enhance the Historical Monument EVANGELICAL CHURCH C.A. SIBIU | 2022 | Lecture Notes in Civil Engineering | 209 LNCE | | 46 | 55 | 9 | https://doi.org/10.1007/978-3-030-90788-4_4 |

| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|--|--|------|---|--------|-------|------------|----------|------------|---|
| 2023 | | | | | | | | | | |
| 17. | Dragomir C.-S.; Dobre D. | Monitoring sensor techniques for an integrated and digitalized database | 2023 | AIP Conference Proceedings | 2928 | 1 | | | | https://doi.org/10.1063/5.0171161 |
| 18. | Catalina T.; Damian A.; Vartires A.; Nița M.; Racovițeanu V. | Long-term analysis of indoor air quality and thermal comfort in a public school | 2023 | IOP Conference Series: Earth and Environmental Science | 1185 | 1 | | | | https://doi.org/10.1088/1755-1315/1185/1/012008 |
| 19. | Catalina T.; Damian A.; Vartires A.; Dima A.; Vasile V. | Decentralized Ventilation System in Classrooms – Analysis on the Indoor Air Quality and Energy Consumption | 2023 | 2023 11th International Conference on ENERGY and ENVIRONMENT, CIEM 2023 | | | | | | https://doi.org/10.1109/CIEM58573.2023.10349765 |
| 20. | Cornelia-Florentina H.D.; Claudiu-Sorin D. | Design and implementation of eco-sustainable technical solutions for industrial by-products recovery in | 2023 | International Multidisciplinary Scientific GeoConference Surveying | 23 | 6.1 | 281 | 288 | 7 | https://doi.org/10.5593/sgem2023/6.1/s26.35 |

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| | | geotechnical engineering applications | | Geology and Mining Ecology Management, SGEM | | | | | | |
| 21. | Onescu E.; Onescu I.; Mosoarca M.; Ion A. | Case study of the seismic vulnerability of a historical building in Timisoara, Romania | 2023 | AIP Conference Proceedings | 2928 | 1 | | | | https://doi.org/10.1063/5.0170998 |

| Nr. Crt. | Authors | Title | Year | Source title | Volume | Issue | Page start | Page end | Page count | DOI |
|-------------|---|--|------|----------------------|--------|-------|------------|----------|------------|---|
| 2024 | | | | | | | | | | |
| 22. | Corbu O.; Anastasiu L.; Baeră C.; Istoan R.; Dragomir M.-L. | Recycled Glass and PET Waste as Aggregates Replacement in Eco-Innovative Concrete for Alveolar Concrete Blocks | 2024 | Structural Integrity | 28 | | 547 | 565 | 18 | https://doi.org/10.1007/978-3-031-49723-0_42 |

| Numar publicații | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| ARTICOLE PUBLICATE ÎN REVISTE INDEXATE SCOPUS | 4 | 4 | 4 | 3 | 7 | 12 |
| LUCRĂRI ȘI COMUNICĂRI PREZENTATE LA MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE PUBLICATE ÎN VOLUM INDEXAT SCOPUS | 13 | 8 | 5 | 3 | 5 | 1 |

| Numar publicații / ENI | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| ARTICOLE PUBLICATE ÎN REVISTE INDEXATE SCOPUS | 0.16 | 0.15 | 0.13 | 0.12 | 0.34 | 0.63 |
| LUCRĂRI ȘI COMUNICĂRI PREZENTATE LA MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE PUBLICATE ÎN VOLUM INDEXAT SCOPUS | 0.52 | 0.30 | 0.16 | 0.12 | 0.24 | 0.05 |

