

Academic curriculum vitae



Personal information

Name and vorname **Damir Zenunović**
Adress Urfeta Vejzagića 2, Tuzla
Phone +387 35 320 589 GSM: +387 61 104 084
Fax +387 35 320 570
E-mail/Web damir.zenunovic@untz.ba, damir.zenunovic@gmail.com
Citizenship BiH
Date of birth 16.10.1968.
Gender M

Current workplace/position/title

University of Tuzla/full professor/doctor of technical sciences

Work experience

Date from 26.09.2018.
Position / occupation / title Full professor, Civil structures
Basic responsibilities and duties Teacher on the subjects Strength of materials with the theory of elasticity, Concrete structures, Masonry structures, Composite structures, Testing of structures
Employer University of Tuzla
Type of business activity of the employer Scientific research and education
Date from 26.09.2012. to 26.09.2018.
Position / occupation / title Associated professor, Civil structures
Basic responsibilities and duties Teacher on the subjects Strength of materials with the theory of elasticity, Concrete structures, Masonry structures, Composite structures, Testing of structures
Employer University of Tuzla
Type of business activity of the employer Scientific research and education
Date from 26.09.2007. to 26.09.2012.
Position / occupation / title Assistant professor, Civil structures
Basic responsibilities and duties Teacher on the subjects Strength of materials with the theory of elasticity, Concrete structures, Masonry structures, Composite structures, Testing of

Employer structures, Bridges
University of Tuzla
Type of business activity of the employer Scientific research and education

Date from 29.10.2003. to 26.09.2007.
Position / occupation / title Senior assistant, Civil structures
Basic responsibilities and duties Assistant on the subjects Strength of materials with the theory of elasticity, Concrete structures, Masonry structures, Composite structures, Testing of structures, Bridges

Employer University of Tuzla
Type of business activity of the employer Scientific research and education

Date from 30.09.1999. to 30.09.2003.
Position / occupation / title Assistant, Civil structures
Basic responsibilities and duties Assistant on the subjects Mechanics, Civil engineering materials, Concrete structures

Employer University of Tuzla
Type of business activity of the employer Scientific research and education

Date from 01.09.1997. to 30.09.1999.
Position / occupation / title Designer-researcher
Basic responsibilities and duties Design and research in the field of building materials and building structures.

Employer Institut GIT Tuzla
Type of business activity of the employer Design and research in the field of building materials and building structures.

Eduaction and training

Date 1983.

Acquired qualification -

Field of science and profession, acquired titles and skills Elementary school education

Name and type of organization Elementary school „Nasto Nakić“ Brčko, BiH

Date 1987.

IV degree

Acquired qualification

Field of science and profession, acquired titles and skills Civil engineering technician

Name and type of organization Civil engineering secondary school, Brčko, BiH

Date 1994.
VII degree
Acquired qualification
Field of science and profession, acquired titles and skills Civil engineering, Graduate civil engineer with a design specialization
Name and type of organization Faculty of Civil Engineering, University of Zagreb

Date 2003.
VII degree – Master of Technical Sciences in the field of construction
Acquired qualification
Field of science and profession, acquired titles and skills Scientific field: Civil Engineering, Civil engineering structures
Name and type of organization University of Tuzla, Faculty of Mining, Geology and Civil Engineering

Date 2007.
Doctor of Technical Sciences in the field of Civil Engineering
Acquired qualification
Field of science and profession, acquired titles and skills Scientific field: Civil Engineering, Civil engineering structures
Name and type of organization University of Tuzla, Faculty of Mining, Geology and Civil Engineering

Scientific papers within formal education

Published scientific papers in the rank of assistant

Title **Iterativni postupak proračuna interakcije tlo-kružna betonska temeljna ploča na nelinearnom tlu**
The institution where the paper was published Međunarodna konferencija «Geotehnički inženjering» GTE
Year, place 2002., Sarajevo

Published scientific papers in the rank of senior assistant

Title **Utvrđivanje kapaciteta nosivosti saniranog armiranobetonskog stuba primjenom algebarskih veza linearne teorije tečenja**
The institution where the paper was published Zbornik radova, Deveti nacionalni i Treći međunarodni naučni skup INDIS 2003, Novi Sad, str.167-174,
Year, place 2003., Novi Sad

Title **Uticaj modela kod proračuna armiranobetonskih temeljnih konstrukcija**
The institution where the paper was published Zbornik radova, Glasilo RGGF-a, JU Univerzitet u Tuzli, br. XXVI, str.133-137
Year, place 2003., Tuzla

- Title **Jednačine kontinuiteta na ravnini dodira armiranobetonske ploče i poluprostora**
The institution where the paper was published Zbornik radova, Glasilo RGGF-a, JU Univerzitet u Tuzli, br. XXVI, str.139-147
Year, place 2003., Tuzla
- Title **Deformacija granične ravnine homogenog, elastičnog i izotropnog poluprostora ispod kružno opterećene površine**
The institution where the paper was published Zbornik radova, 2. Međunarodna konferencija «Geotehnički inženjering» GTE
Year, place 2004., Sarajevo
- Title **Preraspodjela naprezanja u kompozitnom armiranobetonskom elementu sastavljenom od prednapregnute grede i armiranobetonske ploče**
The institution where the paper was published Materijali i konstrukcije, časopis za istraživanje u oblasti materijala i konstrukcija UDK:06.055.2:62-03+620.1+624.001.5(467.1)=861, str. 14-18
Year, place 2004., Beograd
- Title **Neki aspekti pomjeranja i deformacija u konstrukcijama građevinskih objekata**
The institution where the paper was published Zbornik radova, Glasilo RGGF-a, JU Univerzitet u Tuzli, br. XXVII, str.31-44
Year, place 2005., Tuzla
- Title **Analiza naponsko – deformacionih stanja i ocjena stabilnosti kosina u stijenama**
The institution where the paper was published Zbornik radova, Glasilo RGGF-a, JU Univerzitet u Tuzli, br. XXVIII, str.129-133
Year, place 2005., Tuzla
- Title **Analize stabilnosti saobraćajnih tunela**
The institution where the paper was published Zbornik radova, Glasilo RGGF-a, JU Univerzitet u Tuzli, br. XXVII, str.127-133
Year, place 2005., Tuzla
- Title **Some experiences in repair of reinforced concrete structures in the Tuzla industry zone**
The institution where the paper was published Abstracts of the Eleventh International Conference, str. 176, Eleventh International Conference – Structural Faults + Repair
Year, place 2006., Edinburgh, Scotland
- Title **Neki aspekti proračuna rashladnih tornjeva, 1.dio**
The institution where the paper was published Zbornik radova, Deseti nacionalni i Četvrti međunarodni naučni skup INDIS 2006, str.451-462
Year, place 2006., Novi Sad
- Title **Neki aspekti proračuna rashladnih tornjeva, 2.dio**
The institution where the paper was published Zbornik radova, Deseti nacionalni i Četvrti međunarodni naučni skup INDIS 2006, str.463-476
Year, place 2006., Novi Sad

Title **Neki aspekti proračunske analize veznih greda armiranobetonskih zidnih platana**
The institution where the paper was published Zbornik radova, Glasilo RGGF-a, JU Univerzitet u Tuzli, br. XXX, str.155-160
Year, place 2006., Tuzla

Title **Analiza ponašanja konstrukcijske armiranobetonske veze prefabrikovane ploče i monolitnog zida**
The institution where the paper was published Zbornik radova, Konferencija: Savremena građevinska praksa 2007., str. 165–180
Year, place 2007., Novi Sad

Objavljeni naučni radovi u zvanju docenta

Title **Rigidity of precast plate and monolithic wall connection**
The institution where the paper was published POLLACK PERIODICA, An International Journal for Engineering and Information Sciences, DOI: 10.1556/Pollack.2.2007.3.8, Vol.2, No.3, pp.85-96. **SJR 2019 Impact Factor: 0.26**
Year, place 2007., Hungary

Title **Neka iskustva analize zgrada sa fleksibilnim etažama i fleksibilnim veznim gredama**
The institution where the paper was published Materijali i konstrukcije, časopis za istraživanje u oblasti materijala i konstrukcija UDK:06.055.2:62-03+620.1+624.001.5(497.1)=861, Beograd, br.3, str. 3-13.
Year, place 2007., Beograd

Title **Definisanje kinematičkih veličina stijenskog temeljnog tla u seizmičkim uslovima**
The institution where the paper was published Prvo naučno-stručno savjetovanje „Zemljotresno inženjerstvo i inženjerska seizmologija“, Zbornik radova, str. 185-192
Year, place 2008., Sokobanja

Title **Repair methodology of R.C. cooling tower**
The institution where the paper was published 12th International Conference – Structural Faults + Repair 2008
Year, place 2008., Edinburgh, Scotland

Title **Modeliranje spoja armiranobetonske montažne ploče i monolitnog zida**
The institution where the paper was published Simpozijum o istraživanjima i primeni savremenih dostignuća u našem građevinarstvu u oblasti materijala i konstrukcija, Zbornik radova, str.273-282
Year, place 2008., Divčibare

Title **Metodologija sanacija AB konstrukcija u industrijskim zonama**
The institution where the paper was published Šesto naučno-stručno savjetovanje, Savez građevinskih inženjera Srbije, Zbornik radova, str.171-180
Year, place 2009., Divčibare

Title **Hazard i rizik stijenskih kosina,**

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|---|---|
| The institution where the paper was published | Šesto naučno-stručno savjetovanje, Savez građevinskih inženjera Srbije, Zbornik radova, str.141-150 |
| Year, place | 2009., Tuzla |
| Title | Repair methodology of reinforced concrete cooling towers, |
| The institution where the paper was published | Concrete Engineering International, Volume 13, Number 2, Summer 2009, Holbrooks Printers, pp. 55-57 |
| Year, place | 2009., Portsmouth, Hampshire, UK |
| Title | Analiza montažnih betonskih hala u seizmičkim područjima |
| The institution where the paper was published | Prvi regionalni naučno-stručni skup GTZ2009, Zbornik radova ISBN 978-9958-628-14-6, str. 145-168 |
| Year, place | 2009., Tuzla |
| Title | Reliability analysis of precast plate – monolithic wall joint |
| The institution where the paper was published | 5th International scientific meeting INDIS 2009, Proceedings ISBN 978-86-7892-221-3, pp. 555-562 |
| Year, place | 2009., Novi Sad, Serbia, |
| Title | Durability problem of RC structures in the Tuzla industry zone – two case studies |
| The institution where the paper was published | Engineering Structures 32 (2010), doi:10.1016/j.engstruct.2010.03.004, Elsevier Ltd., pp.1846-1860, 5-Year Impact Factor: 3.775 |
| Year, place | 2010. |
| Title | Durability design of concrete structures – part 2: Modelling and structural assessment |
| The institution where the paper was published | FACTA UNIVERSITAS, Series: Architecture and Civil Engineering, Vol.8, No.1, 2010, DOI: 10.2298/FUACE1001045F, UDC 624.012.3:519.711:620.194(045)=111, pp.45-66 |
| Year, place | 2010, Niš |
| Title | Stiffness analysis of the bridge superstructure with deck coupled prestressed concrete beams |
| The institution where the paper was published | BRIDGES IN THE DANUBE BASIN 7th International Conference on Bridges across the Danube 2010 “Theory and practice in bridge engineering” Sofia, Proceedings, pp.181-192 |
| Year, place | 2010, Sofia, Bulgaria |
| Title | Pouzdanost AB montažnih veza |
| The institution where the paper was published | Materijali i konstrukcije, časopis za istraživanje u oblasti materijala i konstrukcija UDK:06.055.2:62-03+620.1+624.001.5(497.1)=861, broj 53, str.22-36 |
| Year, place | 2010, Beograd |
| Title | Tekstilom armirani beton – materijali, ponašanje i osnove projektovanja |
| The institution where the paper was published | 13. Kongres DGKS, Zlatibor, Srbija, Zbornik radova, str.243-252 |
| Year, place | 2010, Zlatibor |
| Title | Tekstilom armirani beton – primjeri primjene u konstrukcijama |

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| The institution where the paper was published | 13. Kongres DGKS, Zlatibor, Srbija, Zbornik radova, str.253-262 |
| Year, place | 2010, Zlatibor |
| Title | Trajnost vlaknima i tekstilom armiranog betona |
| The institution where the paper was published | Međunarodni naučno-stručni skup „Istraživanja, projekti i realizacije u graditeljstvu“, Insitut IMS, Zbornik radova, str. 139-146 |
| Year, place | 2010, Beograd |
| Title | Neki aspekti analize povišenog nivoa vibracija i sanacija oslonaca vibrosita |
| The institution where the paper was published | Sedmo naučno-stručno savjetovanje „Ocjena stanja, održavanje i sanacija građevinskih objekata i naselja“, Zlatibor, Srbija, Zbornik radova, str. 237-246 |
| Year, place | 2011, Zlatibor |
| Title | Prijedlog metodologije ocjene stanja betonskih gravitacionih brana |
| The institution where the paper was published | Sedmo naučno-stručno savjetovanje „Ocjena stanja, održavanje i sanacija građevinskih objekata i naselja“, Zlatibor, Srbija, Zbornik radova, str. 313-324 |
| Year, place | 2011, Zlatibor |
| Title | Measurements of ambient vibration of concrete girder bridges |
| The institution where the paper was published | 14th International Symposium MASE, Struga, Macedonia Proceedings, pp. 327-334 |
| Year, place | 2011, Struga, Macedonia |
| Title | Analysis of the chloride attack on durability of concrete structures in industrial zone of the Tuzla City |
| The institution where the paper was published | International Symposium Proceedings, pp. 413-422 |
| Year, place | 2011, Tara |
| Title | Strength of connections in Precast concrete structures |
| The institution where the paper was published | FACTA UNIVERSITAS, Series: Architecture and Civil Engineering, Vol.9, No.2, 2011, DOI: 10.2298/FUACE1102241F, UDC 624.012.36:519.6=111, pp.241-259 |
| Year, place | 2011, Niš |
| Title | Measurement of ambient vibration of concrete bridges |
| The institution where the paper was published | Conference Procc. Ed. R. Folić, Divčibare, 2012; pp. 181-188 |
| Year, place | 2012, Divčibare |
| Title | Application of geo-electric methods in civil structure assessment |
| The institution where the paper was published | Zbornik radova (Proceedings), 2 nd International Scientific Meeting GTZ2012, Tuzla, 2012., pp. 259-266. |
| Year, place | 2012, Tuzla |
| Title | Models for behaviour analysis of monolithic wall and precast or monolithic floor slab connections |
| The institution where the paper was published | Engineering Structures, Volume 40, July 2012, |

was published

doi:10.1016/j.engstruct.2012.03.007, Elsevier Ltd., pp.466-478, **5-Year Impact Factor: 3.775**

Year, place

2012

Objavljeni naučni radovi u zvanju vanredni profesor

Title

Energy balance by RC frame structures

The institution where the paper was published

12th International Scientific Meeting INDIS, Novi Sad, November 2012., Proceedings, pp. 327-334

Year, place

2012., Novi Sad, Serbia

Title

Analysis of influential parameter for modelling of real behavior of bridge

The institution where the paper was published

12th International Scientific Meeting INDIS, Novi Sad, November 2012., Proceedings, pp. 344-352

Year, place

2012., Novi Sad, Serbia

Title

Application of contemporary methods for assessment of corroded reinforced concrete (RC) structures

The institution where the paper was published

ACES 2013, Assessment, Maintenance and Rehabilitation of Structures and Settlements, 8th International Conference, Bor, Serbia, may 2013, Proceedings, pp.259-264

Year, place

2013., Bor, Serbia

Title

Experimentally obtained energy balance point of RC beam plastic hinges

The institution where the paper was published

SE-50EEE International Conference on Earthquake Engineering, may 2013, Skopje, Proceedings, Paper no. 543

Year, place

2013., Skopje, Macedonia

Title

Assessment of Cable-Stayed Pedestrian and Motorway Overpass

The institution where the paper was published

The Eight International Conference „Bridge in Danube Basin“, Proceedings, pp. 117-127

Year, place

2013., Timisoara, Romania

Title

ROBUSTNESS VERSUS PROGRESSIVE COLLAPSE OF RC BUILDINGS

The institution where the paper was published

International Conference Contemporary Achievements in Civil Engineering, Proceedings, pp. 59

Year, place

2014., Subotica, Serbia

Title

RESIN: NEW RESEARCH NETWORK OF SOUTH EAST EUROPE FOR SEISMIC PROTECTION OF STRUCTURES BY INNOVATIVE TECHNOLOGIES – PART 1

The institution where the paper was published

The Fourth International Conference „Earthquake Engineering and Engineering Seismology“, Proceedings, pp. 161-176

Year, place

2014., Bor, Serbia

Title

SEISMIC RESPONSE ANALYSIS OF MULTI-SPAN CONCRETE GIRDER BRIDGES

The institution where the paper

The Fourth International Conference „Earthquake Engineering and Engineering

| | | |
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| was published | | Seismology“, Proceedings, pp. 203-210 |
| | Year, place | 2014., Bor, Serbia |
| | Title | RECOMMENDATION FOR SEISMIC UPGRADING OF DAMAGED RC STRUCTURES |
| The institution where the paper was published | | 15th International Conference – Structural Faults + Repair 2014, Paper No.1353 |
| | Year, place | 2014., Edinburgh, Scotland |
| | Title | THE ADVERSE EFFECTS IN BUILDING STRUCTURES CAUSED BY THE ACTION OF THE ENVIRONMENT |
| The institution where the paper was published | | International Symposium on Researching and Application of Contemporary Achievements in Civil Engineering in the Field of Materials and Structures, Proceedings, pp. 307-320 |
| | Year, place | 2014., Vrnjacka Banja, Serbia |
| | Title | Strategija održavanja betonskih konstrukcija |
| The institution where the paper was published | | Zbornik radova, Deveto međunarodno naučno-stručno savjetovanje „Ocjena stanja, održavanje i sanacija građevinskih objekata i naselja“, str. 49-61. |
| | Year, place | maj 2015., Zlatibor, Srbija |
| | Title | Analysis of site effects on bridge structures by ambient vibration measurements |
| The institution where the paper was published | | 13th International Scientific Conference INDIS, Paper No. 52. |
| | Year, place | 2015., Novi Sad, Serbia |
| | Title | Comparative analysis of chloride diffusion through concrete cover obtained by BDT and PPT |
| The institution where the paper was published | | 13th International Scientific Conference INDIS, Paper No. 68. |
| | Year, place | 2015., Novi Sad, Serbia |
| | Title | System identification of RC girder bridges based on field measurements and numerical simulations |
| The institution where the paper was published | | Tehnički vjesnik, Vol.22, No.3, doi:10.17559/TV-20140603143241, Elsevier Ltd., pp.667-675; (Impact Factor (2017): 0.686) |
| | Year, place | 2015. |
| | Title | Identification of Modal Parameters of Bridges Using Ambient Vibration Measurements |
| The institution where the paper was published | | Shock and Vibration, Volume 2015, Article ID 957841, 21 pages, http://dx.doi.org/10.1155/2015/957841 (Impact Factor (2018): 1.857) |
| | Year, place | 2015. |
| | Title | Models for chloride penetration in concrete structures |
| The institution where the paper was published | | Proceedings of the 3rd International Scientific Meeting E-GTZ 2016, pp.131-142. |

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| Year, place | 2016., Tuzla, Bosnia and Herzegovina |
| Title | Risk analysis in civil engineering |
| The institution where the paper was published | Proceedings of the 3rd International Scientific Meeting E-GTZ 2016, pp.809-816. |
| Year, place | 2016., Tuzla, Bosnia and Herzegovina |
| Title | Primjena metode postepenog guranja kod seizmičke analize konstrukcija |
| The institution where the paper was published | Zbornik radova, Treći međunarodni naučni skup E-GTZ 2016, str.649-659. |
| Year, place | 2016., Tuzla, Bosna i Hercegovina |
| Title | Usporedba metoda seizmičke analize na primjeru AB okvirne konstrukcije |
| The institution where the paper was published | Zbornik radova Petog međunarodnog naučno-stručnog savjetovanja „Zemljotresno inženjstvo i inženjerska seizmologija“, str.253-264. |
| Year, place | 2016., Sremski Karlovci, Srbija |
| Title | The challenges of reconstruction and maintenance of the built cultural and historical heritage of Bosnia and Herzegovina |
| The institution where the paper was published | Proceedings of International Scientific Conference „BASA“ 2016, pp. 87-101. |
| Year, place | November 2016., Sofia, Bulgaria |
| Title | Destruction of old buildings in Tuzla city center due to subsidence of terrain in the zone of salt exploitation |
| The institution where the paper was published | Proceedings of International Scientific Conference „BASA“ 2016, pp. 103-109. |
| Year, place | November 2016., Sofia, Bulgaria |
| Title | Quality assurance during reconstruction of the Old Bridge Mostar, UNESCO heritage |
| The institution where the paper was published | Proceedings of International Scientific Conference „BASA“ 2016, pp. 257-265. |
| Year, place | November 2016., Sofia, Bulgaria |
| Title | Chloride penetration through concrete cover under pressure of salty water |
| The institution where the paper was published | Proceedings of the 1 st International Conference COMS 2017, Zadar, Croatia, April 2017., pp. 407-413. |
| Year, place | April 2017., Zadar, Croatia |
| Title | Ocjena stanja betona mjerenjem električne otpornosti |
| The institution where the paper was published | Zbornik radova desetog međunarodnog naučno-stručnog savjetovanja, str. 207-216. |
| Year, place | Juni 2017., Vršac, Srbija |
| Title | Some investigation results for retrofitting of RC building structures |
| The institution where the paper was published | Proceedings of the 10 th International Conference, pp. 333-344. |

was published

Year, place June 2017., Vrsac, Serbia

Title **Analiza nivoa oštećenja konstrukcije prema EC8**

The institution where the paper was published

Zbornik radova Šestog međunarodnog naučno-stručnog savjetovanja „Zemljotresno inženjerstvo i inženjerska seizmologija“, str.465-472.

Year, place 2018., Kraljevo, Srbija

Objavljeni naučni radovi u zvanju redovni profesor

Title **Analiza oscilovanja mostovske konstrukcije i tla**

The institution where the paper was published

14. međunarodna naučna konferencija INDIS, Novi Sad, Novembar 2018., Zbornik radova, str.

Year, place 2018., Novi Sad, Srbija

Title **Modeling of corrosion initiation**

The institution where the paper was published

14th International Scientific Meeting INDIS, Novi Sad, November 2018., Proceedings, pp.

Year, place 2018., Novi Sad, Serbia

Title

Models for predicting chloride ingress in concrete samples exposed to Pressure Penetration Test (PPT) and Bulk Diffusion Test (BDT)

The institution where the paper was published

Romanian Journal of Materials 2019, 49 (1), pp. 80 – 87
<http://solacolu.chim.upb.ro/p80-87.pdf> (Impact Factor : 0.542)

Year, place 2019.

Title

Damage sensitivity of beam bridges under earthquake with different properties

The institution where the paper was published

11th International Conference Assessment, Maintenance and Rehabilitation of Structures and Settlements, Proceedings, pp. 105-114

Year, place June 2019., Zlatibor, Serbia

Title

Durability and service life prediction of concrete structures

The institution where the paper was published

18th International Symposium MASE, Skopje, October 2019., Proceedings, pp.280-291

Year, place 2019., Ohrid, Makedonija

Title

Pressure penetration test for prediction of chloride penetration in old concrete structures

The institution where the paper was published

18th International Symposium MASE, Skopje, October 2019., Proceedings, pp.511-518

Year, place 2019., Ohrid, Makedonija

Title

Durability and service life prediction of concrete structures

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| The institution where the paper was published | Folić R., Zenunović D., Stojković N. |
| Year, place | 18th International Symposium MASE, Skopje, October 2019., Proceedings, pp. 2019., Ohrid, Makedonija |
| Title | Comparative analysis of behaviour of reinforced concrete beams using bars and textil: Experimental research |
| The institution where the paper was published | Građevinski materijali i konstrukcije 63 (4), 87-98 |
| Year, place | 2020., Srbija (časopis) |
| Title | Primjena ubrzanog testa penetracije hlorida pod pritiskom (PPT) za modeliranje predviđanja procesa korozije |
| The institution where the paper was published | Zbornik radova Dvanaestog naučno-stručnog međunarodnog savetovanja "Ocena stanja, održavanje i sanacija građevinskih objekata", str. 395-406 |
| Year, place | 2022., Vrnjačka Banja, Srbija |
| Title | Vibracije pješačkih mostova |
| The institution where the paper was published | Zbornik radova Dvanaestog naučno-stručnog međunarodnog savetovanja "Ocena stanja, održavanje i sanacija građevinskih objekata", str. 407-416 |
| Year, place | 2022., Vrnjačka Banja, Srbija |
| Title | Textile Reinforced Concrete |
| The institution where the paper was published | "Tekstilna industrija", naučni i stručni časopis tekstilne industrije, UDK 677+687 ISSN 0040-2389 eISSN 2683-5665, pp. 13-25 |
| Year, place | 2023., Srbija |
| Title | Modeli prigušenja kod analize konstrukcija |
| Authors | Topalović M., Zenunović D. |
| The institution where the paper was published | Zbornik radova Međunarodno naučno-stručnog savetovanja Geotehnički aspekti građevinarstva i zemljotresno inženjerstvo, Vrnjacka Banja, 01. - 03. novembar 2023., str. 372-379. |
| Year, place | 2023., Vrnjačka Banja, Srbija |
| Title | Effects of carbonation and chloride ingress on the durability of concrete structures |
| Authors | Folić R., Zenunović D., Brujić Z. |
| The institution where the paper was published | J. Serb. Chem. Soc. 89 (5) 729–742 (2024), JSCS–5152 (Original scientific paper) |
| Year, place | 2024., |
| Title | Design of shallow concrete foundation in seismic regions - methodology |
| Authors | Folić R., Zenunović D., Čokić M., Folić B. |
| The institution where the paper was published | THE 9 th INTERNATIONAL CONFERENCE "CIVIL ENGINEERING – SCIENCE AND PRACTICE" GNP 2024, Proceedings, pp. 397-408 |

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| Year, place | Kolašin, Montenegro, 5-9 March 2024 |
| Title | Uporedna analiza dinamičkog odgovora pješačkog mosta za različite modele prigušenja |
| Authors | Topalović M., Zenunović D. |
| The institution where the paper was published | Trinaesto međunarodno naučno – stručno savetovanje “ Ocena stanja, održavanje i sanacija građevinskih objekata”, Zbornik radova, str..... |
| Year, place | Vrnjačka Banja, 19.06. - 21.06. 2024. |

Selected publications and presentations

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|---------------------------|---|
| Publication name | Priručnik za primjenu prefabrikata od plinobetona u građevinarstvu |
| Authors | Hadžibeganović Fadil, Imamović Ahmet, Zenunović Damir |
| Publisher, year and place | Institut GIT Tuzla, 1998., Tuzla |

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|---------------------------|---|
| Publication name | Konstrukcioni beton prema Evropskim normama EC2, I dio |
| Authors | Imamović Ahmet, Zenunović Damir |
| Publisher, year and place | Univerzitetski udžbenik |

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| Naziv publikacije | Spregnute konstrukcije čelik-beton |
| Autori | Folić Radomir, Zenunović Damir |
| Izdavač, godina i mjesto | Fakultet tehničkih nauka, Univerzitet u Novom Sadu, 2011. |

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| Publication name | Handbook of international bridge engineering |
| Authors | Ed. Wai-Fah Chen, Lian Duan , Chapter autor. Zenunović Damir |
| Publisher, year and place | CRC Press, 2013. |

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|---------------------------|--------------------------------------|
| Publication name | Osnove potresnog inženjerstva |
| Authors | Topalović Mirsad, Zenunović Damir |
| Publisher, year and place | Univerzitet u Tuzli, 2017. |

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|---------------------------|---|
| Publication name | Betonske konstrukcije, Prvi dio, Proračun armiranobetonskih presjeka |
| Authors | Zenunović Damir |
| Publisher, year and place | IN SCAN d.o.o Tuzla, 2018. |

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|---------------------------|---|
| Publication name | Betonske konstrukcije, Drugi dio, Armiranobetonski okvirni sistemi |
| Authors | Zenunović Damir |
| Publisher, year and place | IN SCAN d.o.o Tuzla, 2018. |

Mentoring in the preparation of master's and doctoral theses

- Diploma theses
- Design of a sports hall load-bearing structure with a composite roof structure**, RGGF, candidate Danijel Ružić, University of Tuzla, 2008.
 - Analysis of stress-strain states of a composite steel-concrete section**, RGGF, candidate Omer Kovčić, University of Tuzla, 2008.
 - Analysis of ceiling slabs in residential buildings and other purpose buildings, according to PBAB 87 and EN 1992**, student Hajrudin Zaimović, University of Tuzla, 2009.
 - Pedestrian bridge with the use of wood-concrete composite**, student Mersudin Karić, University of Tuzla, 2009.
 - Reinforced concrete silo with a machine building for storing flour and cereals**, student Marko Tokić, University of Tuzla, 2009.
 - Design of a commercial building made of prefabricated concrete in accordance with Eurocode regulations**, student Amir Zahirović, University of Tuzla, 2010.
 - Design of a reinforced concrete chimney with a height of H=120m**, student Armin Arnautović, University of Tuzla, 2011.
 - Design of a reinforced concrete above-ground garage structure**, student Milna Bošnjaković, University of Tuzla, 2013.
- Master theses
- Failure mechanisms of reinforced concrete prefabricated slab and reinforced concrete monolithic wall connections**, candidate Nesib Rešidbegović, University of Tuzla, 2010.
 - Seismic vulnerability of degraded road concrete bridges**, candidate Emir Hodžić, University of Tuzla, 2011.
 - Analysis of the effectiveness of the load-bearing pipe system with external columns in high-rise residential and commercial buildings**, candidate Almedina Ćosić, University of Tuzla, 2017.
 - Analysis of the behavior of textile-reinforced concrete beams**, candidate Danijel Ružić, University of Tuzla, 2019.
- Doctoral theses
- Modeling the service life of concrete structures in industrial zones**, candidate Nesib Rešidbegović, University of Tuzla, 2017.
- Research projects and studies
- Experimental and numerical research on prefabricated connections of reinforced concrete prefabricated slab and reinforced concrete monolithic wall**, Research conducted at the Mining Institute and the GIT Institute in Tuzla, 2004-2007.
 - Analysis of seismic resistance of walls made of hollow blocks with horizontal cavities**, GIT Institute Tuzla, January-February 2008. Research conducted in Bijeljina, at several locations, and at the GIT Institute in Tuzla.
 - Development of prefabricated construction system "KUVVET", KUVVET Kalesija**. Research conducted in 2008 and 2009.
 - International scientific project NATO SfP project "Seismic Upgrading of Bridges in South-East Europe by Inventive Technologies"**, The project lasted from February 2009 to December 2013. The project was completed in December 2013.
 - ERASMUS+ K-FORCE** <http://kforce.uns.ac.rs/>, The project lasted from 2017 to 2020.

safEarth Interreg – IPA CBC Croatia - Bosnia and Herzegovina – Montenegro

<https://hr-hr.facebook.com/interreg.IPA.CBC.safEarth/>

The project lasted from 2016 to 2017.

Modeling the service life of concrete structures in industrial and aggressive environments

Research conducted in the laboratories of the Faculty of Mining, Geology and Civil Engineering in the period 2015 - 2017.

Index citation

Google Scholar

Citation 229

h - indeks 7

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Scopus

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