

Curriculum Vitae

Personal information

Surname/Name	Pejović Jelena
Adress	Bulevar Džordža Vašingtona 66
Telephone	+38267263827
E-mail	jelenapej@ucg.ac.me jelenar@t-com.me
Current position	Assistant Lecturer Faculty of Civil Engineering University of Montenegro

Work Experience

Period	2006 - present
Position	Assistant Lecturer
Main activities and responsibilities	Asistant Lecturer in courses: Earthquake Engineering and Concrete and Masonry structures (Faculty of Civil Engineering and Faculty of Architecture), Scientific-research and engineering activities
Name and adress of employer	University of Montenegro Faculty of Civil Engineering Cetinjski put b.b. 81000 Podgorica

Education and training

Period	2000 - 2006
Level of qualification	Dipl.Ing in Civil Engineering
Specialisation	Structures – Earthquake Engineering
Name of institution	Faculty of Civil Engineering University of Montenegro
Period	2007 - 2009
Level of qualification	MSc (Mr – Magistar)
Specialisation	Structures – Earthquake Engineering
Name of institution	Faculty of Civil Engineering University of Montenegro
Period	2010 - 2016
Level of qualification	PhD (Dr – Doctor)
Specialisation	Structures – Earthquake Engineering

Name of institution	Faculty of Civil Engineering University of Montenegro
Period	2016 - 2017
Level of qualification	Postdoctorate
Specialisation	Structures – Earthquake Engineering
Name of institution	Sapienza University of Rome Faculty of Civil Engineering Department of Structural and Geotechnical Engineering

Personal skills

Other language(s)	English, Italian		
Diploma	General English Language course – Advanced level Academy international London Institute of Foreign Languages in Podgorica		
	Understanding	Speaking	Writing
English	C1	C1	C1
Italian	B1	B1	B1
Communication skills	Good communication skills gained through teaching experience, through participation in numerous conferences (national and international), as well as through participation in university exchange programmes		
Computer skills	<ul style="list-style-type: none"> - Advanced level knowledge of MS office (MS Word, MS Excel, MS Power Point and etc.) - Advanced and expert level knowledge of applied software (Autocad, Sap, Etabs, Perform 3D, ArmCad etc.) - Advanced level knowledge of Matlab 		
Driving licence	B		

Additional information

Professional organisations, associations and bodies

Secretary of Montenegrin Association for Earthquake Engineering (MAEE-CAZI); National Member in EAEE (European Association for Earthquake Engineering); National member in IAEE (International Association for Earthquake Engineering); Member of Engineering Chamber of Montenegro (IKCG); Member of Technical Committee ISME/TK002-Eurocodes, Institute for Standardisation of Montenegro (ISME); Member of Working Groups for translation and elaboration of annexes of Eurocode standards, Institute for Standardisation of Montenegro (ISME); Member of Working Team for elaboration of Technical Rules for Masonry Structures, Ministry of Sustainable Development and Tourism of Montenegro.

Scientific research activities

Seismic risk analysis and vulnerability assessment of facilities in urban/rural regions; Probabilistic Performance-Based methods in seismic analysis and design of the structures: Probabilistic Seismic Hazard Analysis, Probabilistic Seismic Demand Analysis, Probabilistic Seismic Damage Analysis, Probabilistic Seismic Loss Analysis; Retrofitting, strengthening and rehabilitation of existing facilities; Elaboration and improvement of technical regulations, standards and codes.

Publications (scientific papers) published in SCIE journals and other international journals (Scopus database, etc.)

1. **Pejovic J.**, Serdar N. and Pejovic R. (2018): *Novel optimal intensity measures for probabilistic seismic analysis of RC high-rise buildings with core*, Earthquakes and Structures, Vol. 15, No. 4 (2018), 443-452, DOI: 10.12989/eas.2018.15.4.443. (SCIE)
<http://www.techno-press.com/content/?page=article&journal=eas&volume=15&num=4&ordernum=10>
2. Bayat M., Daneshjoo F., Nisticò N. and **Pejovic J.** (2017): *Seismic Evaluation of Isolated Skewed Bridges Using Fragility Function Methodology*, Computers and Concrete, Vol. 20, No. 4 (2017), 419-427, DOI: 10.12989/cac.2017.20.4.419. (SCIE)
<http://www.techno-press.org/?page=container&journal=cac&volume=20&num=4#>
3. **Pejovic J.**, Serdar N. and Pejovic R. (2017): *Optimal intensity measures for probabilistic seismic demand models of RC high-rise buildings*, Earthquakes and Structures, Vol. 13, No. 3 (2017), 221-230, DOI: 10.12989/eas.2017.13.3.221. (SCIE)
<http://techno-press.org/?page=container&journal=eas&volume=13&num=3#>
4. **Pejovic, J.** and Jankovic, S. (2016): *Seismic fragility assessment for reinforced concrete high-rise buildings in Southern Euro-Mediterranean zone*, Bulletin of Earthquake Engineering, Volume 14, No.1, 185-212, DOI: 10.1007/s10518-015-9812-4. (SCIE)
<https://link.springer.com/article/10.1007/s10518-015-9812-4>
5. **Pejovic, J.** and Jankovic, S. (2015): *Dependence of RC high-rise buildings response on the earthquake intensity*, Journal of the Croatian Association of Civil Engineers – Građevinar, 67(8), 749-759, DOI:10.14256/JCE.1205.2014. (SCIE)
<http://casopis-gradjevinar.hr/archive/article/1205>
6. **Pejovic, J.** and Jankovic, S. (2015): *Selection of Ground Motion Intensity Measure for Reinforced Concrete Structure*, Procedia Engineering, 117(2015) 593–600. (SCOPUS)
<https://www.sciencedirect.com/science/article/pii/S1877705815018731>
7. Pejovic, R., **Pejovic, J.**, Serdar, N. (2015): *Effect of Prestressing on Plastic Behaviour of Reinforced Concrete Frame*, Procedia Engineering, 117 (2015) 580–587. (SCOPUS)
<https://www.sciencedirect.com/science/article/pii/S1877705815018718>
8. Serdar, N., **Pejovic, J.**, Pejovic, R. (2014): *Non-linear dynamic and static analysis of six span RC box girder bridge with hollow piers: Discussion and comparison*, Proceeding of NCEE 2014 - 10th U.S. National Conference on Earthquake Engineering: Frontiers of Earthquake Engineering- Network for Earthquake Engineering Simulation (distributor), 10.4231/D3SX6498D, 2014. (SCOPUS)
<https://datacenterhub.org/resources/12336/download/10NCEE-001000.pdf>
9. **Pejovic, J.** and Jankovic, S. (2015): *Seismic shear design of twenty-story RC building with ductile wall system*, Construction of Unique Buildings and Structures, Строительство уникальных зданий и сооружений, 5 (32) 2015 63-74. (RSCI)
http://unistroy.spbstu.ru/index_2015_32/6_pejovich_32.pdf

10. **Pejovic, J.**, Serdar, N., Pejovic, R. (2015): *Performance-based seismic methodology and its application in seismic design of reinforced concrete structures*, Construction of Unique Buildings and Structures, Строительство уникальных зданий и сооружений, 5 (32) 2015 75-83. (RSCI)
http://unistroy.spbstu.ru/index_2015_32/7_pejovic_32.pdf

Scientific papers published in international and world conferences, symposia, seminars:

1. **Pejovic, J.**, Jankovic, S., Ladjinovic Dj., Serdar N., Pejovic R. (2017): *Ground motion intensity measures for probabilistic seismic analysis of the RC high-rise buildings*, Proceedings of 16th World Conference on Earthquake Engineering, 16WCEE 2017, Santiago, Chile, 2017.
2. **Pejovic, J.** and Jankovic, S. (2014): *Analysis of seismic shear design of twenty-story RC building with ductile wall system*, Proceedings of Second European Conference on Earthquake Engineering and Seismology, 2ECEES, Istanbul 2014.
3. **Pejovic, J.** and Jankovic, S. (2013): *Selection of ground motion intensity measure for reinforced concrete structure*, Proceedings of the SE-50EEE, International Conference on Earthquake Engineering, 29-31 May, 2013, Skopje, Republic of Macedonia.
4. Pejovic, R., Mrdak, R., **Pejovic, J.**, Serdar, N. (2009): *Seismic analysis of high arc dam Mratinje*, BE 40 CE the Banja Luka 40 years of earthquake, Institute of earthquake engineering, Banja Luka, Republic of Srpska, BIH, 2009.
5. Radovanovic, Ž., **Pejovic, J.**, Serdar, N. (2008): *Rehabilitation and strengthening church Saint Nikola*, 1th International RILEM Symposium on site assessment of concrete, masonry and timber structures SACoMaTiS, Lake Como, (2008), Vol 2: 995-1001.
6. **Pejovic, J.**, Jankovic, S. (2016): *Definisanje zavisnosti između mjere intenziteta zemljotresa i parametra seizmičkog odgovora AB visokih zgrada*, Peto naučno-stručno međunarodno savjetovanje "Zemljotresno inženjerstvo i inženjerska seizmologija", Sremski Karlovci 2016.
7. Pejovic R., Serdar N., **Pejovic J.**, Tešovic I., Bujišić M. (2016): *Primjena prednaprezanja pri rekonstrukciji i sanaciji betonskih mostova*, Simpozijum 2016, Društvo građevinskih konstruktora Srbije, Zbornik radova str. 799-807, ISBN 978-86-7892-839-0, Zlatibor, 2016.
8. Serdar, N., **Pejovic, J.**, Jankovic, S. (2015): *Uticaj izbora zapisa zemljotresa na predviđanje seizmičkog odgovora AB mosta u krivini*, Međunarodna naučna konferencija INDiS 2015 „Planiranje, projektovanje, građenje i obnova graditeljstva“, Novi Sad 2015.
9. **Pejovic, J.**, Jankovic, S. (2014): *Analiza proračuna na smicanje dvadesetospratne AB konstrukcije konstruktivnog sistema sa zidnim platnima*, Četvrto naučno-stručno međunarodno savjetovanje: Zemljotresno inženjerstvo i inženjerska seizmologija, Borsko jezero 2014.
10. **Pejovic, J.**, Serdar, N., Pejovic, R. (2014): *Uticaj prethodnog naprezanja na plastično ponašanje armiranobetonskog rama*, X Međunarodni naučno-stručni skup "Savremena teorija i praksa u graditeljstvu" Banja Luka 2014.
11. **Pejovic, J.**, Jankovic S. (2014): *Izbor mjere inteziteta zemljotresa na primjeru armiranobetonske konstrukcije*, GNP 2014 peti Internacionalni naučno-stručni skup građevinarstvo- nauka i praksa, Žabljak 2014.

12. **Pejovic J.**, Serdar N., Pejovic R. (2014):
Uticaj prethodnog naprezanja na plastično ponašanje armiranobetonskog rama, Peti internacionalni naučno-stručni skup „Građevinarstvo nauka i praksa“, Zbornik radova ISBN 978-86-82707-23-3, str. 709-716, Univerzitet Crne Gore, Građevinski fakultet u Podgorici, Žabljak, 2014.
13. Pejovic R., Blagojevic J., **Pejovic J.**, Serdar N., Blagojevic R., Prašćević V. (2014):
Rekonstrukcije plavskog mosta na regionalnom putu r-9 Plav – Gusinje, Peti internacionalni naučno-stručni skup „Građevinarstvo nauka i praksa“, Zbornik radova ISBN 978-86-82707-23-3, str. 1237-1244, Univerzitet Crne Gore, Građevinski fakultet u Podgorici, Žabljak, 2014.
14. Serdar N., **Pejovic J.**, Pejovic R. (2014):
Optimizacija debljine ploče kod pn mosta polumontažnog sistema gradnje, GNP 2014 Peti Internacionalni naučno-stručni skup građevinarstvo, nauka i praksa, Zbornik radova, ISBN 978-86-82707-23-3, str. 586-596, Univerzitet Crne Gore, Građevinski fakultet u Podgorici, Žabljak, 2014.
15. Pejovic R., Blagojevic J., **Pejovic J.**, Serdar N. (2013):
Rekonstrukcija plavskog mosta na regionalnom putu r-9 Murino-Plav-Gusinje, Osmo naučno stručno savjetovanje: Ocjena stanja, održavanje i sanacija građevinskih objekata i naselja, Savez građevinskih inženjera Srbije, Zlatibor, 2013.
16. Pejovic R., Blagojevic J., **Pejovic J.**, Raičević M., Prašćević V., Radonjic S., Nikovic B. (2012):
Rekonstrukcija i sanacija mosta Nika Strugara u Beranama, GNP 2012, Četvrti Internacionalni naučno-stručni skup Građevinarstvo-nauka i praksa, Zbornik radova ISBN 978-86-82707-21-9 (knjiga 2), str. 1215-1222, Univerzitet Crne Gore, Građevinski fakultet u Podgorici, Žabljak, 2012.
17. Pejovic R., **Pejovic J.**, Raičević M. (2011):
Reconstruction and rehabilitation of the Niko Strugar bridge over the river Lim in Berane, International symposium, XXV Congress society for materials and structures testing of Serbia, Proceedings, ISBN 978-86-87615-02-1, Pages 423-431, Tara, 2011.
18. Pejovic R., Blagojevic J., Blagojevic R., **Pejovic J.**, Matijašević S., Prašćević V. (2011): *Rekonstrukcija nadvožnjaka u ul. bratstva i jedinstva u podgorici*, Sedmo naučno stručno savjetovanje: Ocjena stanja, održavanje i sanacija građevinskih objekata i naselja, Zbornik radova ISBN 978-86-914089-18-9-3, str. 203-208, IT-savez inženjera i tehničara Srbije, Zlatibor, 2011.
19. Pejovic R., Blagojevic J., Blagojevic R., Tasevski D., **Pejovic J.**, Matijašević S., Prašćević V. (2010):
Rekonstrukcija mosta Blaža Jovanovica preko rijeke Morače u Podgorici, GNP 2010 treci Internacionalni naučno-stručni skup građevinarstvo- nauka i praksa, Zbornik radova, ISBN 978-86-82707-18-9 (knjiga 1), str.371-376, Univerzitet Crne Gore, Građevinski fakultet u Podgorici, Žabljak 2010.
20. Pejovic, R., Mrdak, R., **Pejovic, J.**, Serdar, N. (2010): *Seizmička analiza visoke brane Mratinje*, GNP 2010 treci Internacionalni naučno-stručni skup građevinarstvo- nauka i praksa, Zbornik radova, ISBN 978-86-82707-18-9 (knjiga 1), str.517-522, Univerzitet Crne Gore, Građevinski fakultet u Podgorici, Žabljak 2010.
21. Pejovic R., Blagojevic J., Blagojevic R., Tasevski D., **Pejovic J.**, Matijašević S., Prašćević V. (2010):
Rekonstrukcija mosta Blaža Jovanovica preko rijeke Morače u Podgorici, VI naučno-stručni skup, Savremena teorija i praksa u graditeljstvu, Zbornik radova ISBN 978-99955-630-5-9, str.133-145, Ministarstvo za prostorno uređenje, građevinarstvo i ekologiju Vlade Republike Srpske, Arhitektonsko-građevinski fakultet Banja Luka, Privredna komora Republike Srpske i Zavod za izgradnju A.D. Banja Luka 2010.

Master thesis

1. **Pejovic J.:** *Analiza nove "Performance-based" metodologije kod seizmičkog projektovanja armiranobetonskih konstrukcija (Analysis of new Performance-based methodology for seismic design of reinforced concrete structures)*, 2009 godina, Građevinski fakultet, Univerzitet Crne Gore.

Doctoral thesis

1. **Pejovic J.:** *Seizmička analiza visokih armiranobetonskih zgrada (Seismic analysis of reinforced concrete high-rise buildings)*, 2016 godina, Građevinski fakultet, Univerzitet Crne Gore.

Scientific - Research Projects

1. *Seismic vulnerability assessment of existing facilities in urban coastal area in Southern Euro-Mediterranean zone*, Scientific-research project within the framework of the Scientific and Technological Agreement between the Government of Montenegro and the Government of the Republic of Italy, 2018-2020, Ministry of Science Montenegro, Project leader.
<http://www.mna.gov.me/vijesti/189574/Svecano-potpisan-Izvrnsni-program-za-naucno-tehnolosku-saradnju-izmedu-Vlade-Crne-Gore-i-Vlade-Republike-Italije.html>
2. *Study on Earthquake Disaster Prediction and Estimation*, Scientific-research project within the framework of the Scientific and Technological Agreement between the Government of Montenegro and Republic of China, 2019-2020, Ministry of Science Montenegro, Project leader.
<http://www.mna.gov.me/vijesti/193477/Crna-Gora-i-NR-Kina-ce-finansirati-14-zajednicnih-naucnoistrzivackih-projekata.html>
3. NERA - EC infrastructure project: *Network of European Research Infrastructures for Earthquake Risk Assessment and Mitigation* (2010-2014), EC project number: 262330, Participant in the project.
<http://www.share-eu.org/node/59.html>
4. *Reducing the seismic risk for buildings of stone and brick (Smanjenje seizmičkog rizika za objekte od kamena i opeke)*, Ministry of Science Montenegro, Participant in the project. <http://www.mna.gov.me/ResourceManager/FileDownload.aspx?rid=98224&rType=2&file=Od-obreni%20nacionalni%20naucnoistrzivacki%20projekti.pdf>
5. TU1406 Cost action: *Quality specifications for roadway bridges, standardization at a European level* <http://www.tu1406.eu/>, MC (Management Committee) member.
6. TU1207 Cost action: *Next Generation Design Guidelines for Composites in Construction* http://www.cost.eu/COST_Actions/tud/TU1207, MC (Management Committee) member.

Other important projects

1. *Adoption and implementation of Eurocodes as national standards for structural design*, ISME Institute for Standardization of Montenegro / Technical Committee 002: Eurocodes.
Evrokodovi: Usvajanje i implementacija Evrokodova kao nacionalnih standarda za proračun konstrukcija, ISME Institut za standardizaciju Crne Gore, Tehnički komitet 002: Evrokodovi.
2. *Translation and preparation of national annex of European standard EN1992-1-1: Eurocode 2: Design of concrete structures - Part 1-1: General rules and rules for buildings*, ISME Institute for Standardization of Montenegro.

- Prevod i izrada nacionalnog aneksa evropskog standarda EN 1992-1-1, Evrokod 2: Proračun betonskih konstrukcija: Dio 1-1 Opšta pravila i pravila za zgrade, ISME Institut za standardizaciju Crne Gore.*
3. *Translation and preparation of national annex of European standard EN 1991-2, Eurocode 1: Actions on structures - Part 2: Traffic loads on bridges, ISME Institute for Standardization of Montenegro.*
Prevod i izrada nacionalnog aneksa evropskog standarda EN 1991-2, Evrokod 1: Dejstva na konstrukcije – Dio 2: Saobraćajno opterećenje na mostovima, ISME Institut za standardizaciju Crne Gore.
 4. *Translation and preparation of national annex of European standard EN 1996-1-1, Eurocode 6 - Design of masonry structures - Part 1-1: General rules for reinforced and unreinforced masonry structures, ISME Institute for Standardization of Montenegro.*
Prevod i izrada nacionalnog aneksa evropskog standarda EN 1996-1-1, Evrokod 6: Projektovanje zidanih konstrukcija - Dio 1-1: Opšta pravila za armirane i nearmirane zidane konstrukcije, ISME Institut za standardizaciju Crne Gore.
 5. *Translation and preparation of national annex of European standard EN 1996-3, Eurocode 6 - Design of masonry structures - Part 3: Simplified calculation methods for unreinforced masonry structures, ISME Institute for Standardization of Montenegro.*
Prevod i izrada nacionalnog aneksa evropskog standarda EN 1996-3, Evrokod 6: Projektovanje zidanih konstrukcija - Dio 3: Pojednostavljene proračunske metode za nearmirane zidane konstrukcije, ISME Institut za standardizaciju Crne Gore.
 6. *Translation and preparation of national annex of European standard EN 1996-1-2, Eurocode 6 - Design of masonry structures - Part 1-2: General rules - Structural fire design, ISME Institute for Standardization of Montenegro.*
Prevod i izrada nacionalnog aneksa evropskog standarda EN 1996-1-2, Evrokod 6: Projektovanje zidanih konstrukcija - Dio 1-2: Opšta pravila - Projektovanje konstrukcija na dejstvo požara, ISME Institut za standardizaciju Crne Gore.
 7. *Translation and preparation of national annex of European standard EN 1996-2, Eurocode 6 - Design of masonry structures - Part 2: Design considerations, selection of materials and execution of masonry, ISME Institute for Standardization of Montenegro.*
Prevod i izrada nacionalnog aneksa evropskog standarda EN 1996-2, Evrokod 6: Projektovanje zidanih konstrukcija - Dio 2: Razmatranja tokom projektovanja, izbor materijala i izvođenje zidanih konstrukcija, ISME Institut za standardizaciju Crne Gore.
 8. *Translation and preparation of national annex of European standard EN 1998-2, Eurocode 8 - Design of structures for earthquake resistance - Part 2: Bridges, ISME Institute for Standardization of Montenegro.*
Prevod i izrada nacionalnog aneksa evropskog standarda EN 1998-2, Evrokod 8: Projektovanje konstrukcija otpornih na dejstvo zemljotresa – Dio 2: Mostovi, ISME Institut za standardizaciju Crne Gore.
 9. *Translation and preparation of national annex of European standard EN 1998-3, Eurocode 8 - Design of structures for earthquake resistance - Part 3: Assessment and retrofitting of buildings.*
Prevod i izrada nacionalnog aneksa evropskog standarda EN 1998-3, Evrokod 8: Projektovanje seizmički otpornih konstrukcija - Dio 3: Procjena stanja i ojačanje zgrada, ISME Institut za standardizaciju Crne Gore.
 10. *Technical Rules for Masonry Structures, Ministry of Sustainable Development and Tourism of Montenegro.*

Significant studies, expertise and analysis

1. *Study on the dynamic and static behavior of arch dam HE Piva (Studija o dinamičkom i statičkom ponašanju lučne brane HE Piva), Faculty of Civil Engineering, University of Montenegro, 2008.*

Monographs

1. **Pejovic J.:** *Procjena seizmičke povredljivosti visokih armiranobetonskih zgrada u južno-evropskoj mediteraskoj zoni*, The monograph: "Contemporary Problems of the theory of structures" Faculty of Civil Engineering Belgrade and Faculty of Civil Engineering Podgorica, ISBN 978-86-86363-69-5, Belgrade, 2016.

Presentations by invitation to international peer-reviewed conferences

1. **Pejovic, J.:** *Ground motion intensity measures for probabilistic seismic analysis of the RC high-rise buildings*, 16th World Conference on Earthquake Engineering, 16WCEE 2017, Santiago, Chile, General Session Chairman: Probabilistic Methods.
2. **Pejovic J.:** *Procjena seizmičke povredljivosti visokih armiranobetonskih zgrada u južno-evropskoj mediteraskoj zoni*, International Conference "Modern building practices" in 2016, the Society of Civil Engineers of Novi Sad.
3. **Pejovic J.:** *Masonry buildings – Zidane konstrukcije*, Informative seminar on Eurocodes 2013 Engineers Chamber of Montenegro - Professional Chamber of Civil Engineers.

The organization of international conferences (membership in administrative and / or program committees)

1. The International Conference on Earthquake Engineering in the organization of EAEE (European Association for Earthquake Engineering). Deputy of Montenegrin Association for Earthquake Engineering (MAEE) and national member in the administrative and program committee. Evropske konferencije za zemljotresno inženjerstvo u organizaciji EAEE (The European Association for Earthquake Engineering). Predstavnik Crne Gore (CAZI - Crnogorska asocijacija za zemljotresno inženjerstvo) i nacionalni član u upravnom i programskom odboru:

16th European Conference on Earthquake Engineering (16ECEE), Thessaloniki 2018.

Second European conference on earthquake engineering and seismology (2ECEES), Istanbul 2014.

2. The International Conference on Earthquake Engineering in the organization IAEE (International Association for Earthquake Engineering). Deputy of Montenegrin Association for Earthquake Engineering (MAEE) and national member in the administrative and program committee. Svjetske konferencije za zemljotresno inženjerstvo u organizaciji IAEE (International Association for Earthquake Engineering). Predstavnik Crne Gore (CAZI - Crnogorska asocijacija za zemljotresno inženjerstvo) i nacionalni član u upravnom i programskom odboru:

The 16th World Conference on Earthquake Engineering (16WCEE), Santiago, Chile 2017.

Mobility

CEEPUS CIII-BG-0022-09-1314 University Sts. Cyril and Methodius – Skopje, Civil Engineering faculty – Department of Structural Mechanics (17.04.2014 – 28.04.2014)

Erasmus+staff mobility for teaching Faculty of Civil Engineering of Slovak University of Technology in Bratislava (11.12.2017-15.12.2017)

Reviews of scientific papers published in SCIE journals

1. *Suitable intensity measure for probabilistic seismic risk assessment of reinforced concrete buildings*, Bulletin of Earthquake Engineering, 2018.
2. *Estimation of drift limits for different seismic damage states of RC frame staging in elevated water tanks using Park and Ang damage index*, Earthquake Engineering and Engineering Vibration, 2018
3. *Damage states of yielding and collapse for elevated water tanks supported on RC frame staging*, Structural Engineering and Mechanics, 2018.
4. *Seismic performance of precast concrete shear wall structure with novel assembly horizontal wall connections*, Bulletin of Earthquake Engineering, 2017.
5. *The Simultaneity Effects of Fling Step and Forward Directivity on Seismic Response of R.C Frame Buildings Considering Fault Mechanism*, Bulletin of Earthquake Engineering, 2017.
6. *Modelling nonlinear flexural response of rectangular RC columns accounting for bar buckling and fatigue degradation*, Bulletin of Earthquake Engineering, 2016
7. *Seismic Demand for Mid-Rise Reinforced Concrete Structures of Islamabad-Rawalpindi Region (Pakistan)*, Earthquake Engineering and Engineering Vibration, 2016
8. *Assessment of the in-plane deformability of RC floors via 3D models*, Bulletin of Earthquake Engineering, 2016
9. *Seismic Fragility assessment of Local and Global failures in Low-rise non-ductile Existing RC Buildings: Empirical Shear-Axial Modelling vs. ASCE/SEI 41 Approach*, Earthquake Engineering and Engineering Vibration, 2016
10. *Mechanical Behavior of Pre-Cast Building Concrete Walls with Different Connection Technologies in Seismic Areas*, Bulletin of Earthquake Engineering, 2015.

Significant design projects

1. *Main design of reconstruction and retrofitting of bridge Blazo Jovanovic across Moraca river in Podgorica*, designer, 2009.
2. *Main design of reconstruction and retrofitting of bridge in street „Bratstva i jedinstva“ in Podgorica*, designer, 2009.
3. *Main design of reconstruction and retrofitting of bridge across Juskovic river in Mojkovac*, designer, 2009.
4. *Main design of reconstruction and retrofitting of bridge Marsenic across river Lim in Andrijevica*, designer, 2010.
5. *Main design of reconstruction and retrofitting of bridge „Nika Strugara“ across river Lim in Berane*, designer, 2010.
6. *Main design of reconstruction and retrofitting of bridge „Novšići“ across river Lim in municipality Andrijevica*, designer, 2010.
7. *Main design of reconstruction and retrofitting of bridge „Seoca“ across river Lim in municipality Andrijevica*, designer, 2010.
8. *Main design of bridge „Zorići“ across river Lim in municipality Andrijevica*, designer, 2010.
9. *Main design of rehabilitation and retrofitting of church Sv. Vračići*, Muo-Kotor, designer, 2007.
10. *Main design of rehabilitation and retrofitting of church Sv. Ilija in Zagora*, designer, 2007.
11. *Main design of rehabilitation and retrofitting of church Sv. Nikola in Prčanj*, Kotor, designer, 2007.
12. *Main design of planning Belane coast in Tivat*, designer, 2012.
13. *Main design of reconstruction of SDK building in Kotor*, designer, 2012.
14. *Main design of building for technical review of Lovcen insurance in Podgorica*, designer, 2011.
15. *Main design of the service area facilities for Bar –Boljare highway section Smokovac – Mateševo*, designer, 2016-2018.
16. *Main design of technical measures of environmental protection on the highway Bar-Boljare, section Smokovac-Mateševo, 2016-2017*, designer, 2016.
17. *Main engineering design for the land development for rest-area Pelev brijeg on the highway Bar-Boljare, section Smokovac-Mateševo*, designer, 2018.

18. *Main design of reconstruction and retrofitting of bridge Melještak on road Podgorica – Kolašin*, designer, 2018.

Awards and honors

1. Award scholarship for postdoctoral research „National Scholarship for Excellence“ for young, talented university students and researchers from Montenegro - Ministry of Science and Ministry of Education, the project "Higher Education and Research for Innovation and Competitiveness - HERIC-HERIC". Dobitnik Nacionalne stipendije za izvrsnost za mlade, talentovane visokoškolce i istraživače iz Crne Gore koji žele da nastave svoje akademsko i istraživačko usavršavanje, Ministarstvo nauke Crne Gore u okviru projekta „Visoko obrazovanje i istraživanje za inovacije i konkurentnost – INVO-HERIC“.
2. Award "Vladimir Stankovic" for the best diploma thesis.
Dobitnik nagrade “Vladimir Stanković” za najbolji diplomski rad 2006. godine.
3. Student Award "19 December ", the highest award that the Municipality of Podgorica, on the occasion of Liberation Day, awarded to the best students.
Studentska nagrada "19. Decembar", najveće priznanje koje Opština Podgorica, povodom Dana oslobođenja, dodjeljuje najboljim studentima.
4. Award scholarships of the University of Montenegro for academic year 2004/2005, as the best student of Faculty of Civil Engineering.
Dobitnik nagrade i stipendije za studijsku 2004/05. godinu Univerziteta Crne Gore, kao najbolji student Građevinskog fakulteta.
5. Award for excellent results by Faculty of Civil Engineering, University of Montenegro (2002-2006).
6. Numerous awards in regional and national competitions in mathematics: winner of first (I) place on 21 Republican Montenegrin competition »*Nauku Mladima*« in the field of mathematics.
Brojne nagrade na regionalnim i republičkim takmičenjima iz matematike, između ostalog dobitnik nagrade za osvojeno prvo (I) mjesto na 21. Republičkoj smotri i takmičenju pokreta "Nauku mladima" Crne Gore u oblasti matematike.
7. Numerous awards at the republic competition in literary writing: the winner of the first (I) place at the Republic Montenegrin competition in the literary writing.
Brojne nagrade na republičkim takmičenjima u izradi literarnih radova, između ostalog dobitnik nagrade za osvojeno prvo (I) mjesto na republičkom takmičenju u izradi literarnih radova.