


PERSONAL INFORMATION

Olga Mijušković



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Skype [Viber & WhatsApp](#)

Sex female | Date of birth 12/03/1964 | Nationality Montenegrin

WORK EXPERIENCE

2016 - present

Associate Professor

University of Montenegro (UoM) [www.ucg.ac.me]
 Faculty of Civil Engineering (FCE) [www.gf.ac.me]
 Podgorica, Montenegro

- Representative of the FCE in the Council of Technical and Natural Sciences of the UoM Senate (since 2016)
- Professor of courses from the domain of: Technical mechanics and theory of structures (Faculty of Civil Engineering and Faculty of Architecture)
- Scientific-research and engineering activities

2011 - 2016

Assistant Professor

University of Montenegro (UoM) [www.ucg.ac.me]
 Faculty of Civil Engineering (FCE) [www.gf.ac.me]
 Podgorica, Montenegro

- Professor of courses from the domain of Technical mechanics and theory of structures (Faculty of Civil Engineering and Faculty of Architecture)
- Scientific-research and engineering activities

1997 - 2011

Assistant Lecturer

University of Montenegro (UoM) [www.ucg.ac.me]
 Faculty of Civil Engineering (FCE) [www.gf.ac.me]
 Podgorica, Montenegro

- Assistant Lecturer of courses from the domain of Technical mechanics and theory of structures (Faculty of Civil Engineering and Faculty of Architecture)
- Scientific-research and engineering activities

1990 - 1997

Teaching Assistant

University of Montenegro (UoM) [www.ucg.ac.me]
 Faculty of Civil Engineering (FCE) [www.gf.ac.me]
 Podgorica, Montenegro

- Teaching Assistant of courses from the domain of Technical mechanics and theory of structures (Faculty of Civil Engineering and Faculty of Architecture)
- Scientific-research and engineering activities

EDUCATION AND TRAINING

2005 - 2008

PhD (Dr – Doctor)

Faculty of Civil Engineering, University of Belgrade (Serbia)

EQF level 8

- Specialisation: Technical mechanics and theory of structures
- PhD Thesis: Stability analysis of rectangular plates with exact in-plane stress functions (theoretical research, including FEM modelling)

1990 - 1997 **MSc (Mr – Magistar)** EQF level 7

Faculty of Civil Engineering, University of Belgrade (Serbia)

- Specialisation: Technical mechanics and theory of structures
- Structure: 9 courses/exams (4 semesters) + MSc Thesis
- MSc Thesis: Transverse - stiffener requirements for the post-buckling behaviour of a plate in shear

1982 - 1990 **BSc (Dipl.Ing)** EQF level 6

Faculty of Civil Engineering, University of Montenegro (Montenegro)

- Specialisation: Structures
- Structure: 34 courses/exams + Final/Diploma project
- Final/Diploma project: Design of a steel railway bridge over the Moraca River in Podgorica

PERSONAL SKILLS

Mother tongue(s) Montenegrin / Serbo-Croatian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	B2
Institute for Foreign Languages - Podgorica – University of Montenegro.					
Italian	C1	C1	C1	C1	B2
Institute for Foreign Languages - Podgorica – University of Montenegro.					
Spanish	B1	B1	B1	B1	A2
Able Spanish Certificate (Cordoba, Argentina). Level 3 (B1).					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through teaching experience and through participation in numerous national and international conferences.

Organisational / managerial skills Managerial/organisational experience as:
- Representative of the FCE in the Council of Technical and Natural Sciences of the UoM Senate (since 2016).

Computer skills

- excellent command of Microsoft Office™ tools
- excellent command of symbolic programming (Mathematica™, Matlab™),
- good command of structural design software like Tower™, Ansys™, SAP 2000™,
- good command of 3D modelling and animation software 3ds Max™.

Other skills Replace with other relevant skills not already mentioned. Specify in what context they were acquired.
Example:
▪ carpentry

Driving licence B

Publications
(journal and monograph papers;
invited lectures/papers)

Papers in international journals (SCI/SCIE list):

- Mijušković O., Ćorić B., Pavlović N.M.: "Transverse - stiffener requirements for the post-buckling behaviour of a plate in shear", original scientific paper, Thin-Walled Structures, Vol. 34, Oxford UK, 1999, pp 43-63, Publisher: ELSEVIER SCI LTD, ISSN 0263-8231
- Pejović R., Mrdak R., Živaljević R., Mijušković O.: "An analysis of seismic resistance of the Grančarevo concrete dam", Građevinar, Journal of the Croatian Association of Civil Engineers, Vol 58, No 6, str. 447-458, Zagreb, 2006, ISSN 0350-2465.
- Mijušković O., Ćorić B.: "Analytical procedure for determining critical load of plates under variable boundary conditions", original scientific paper, Građevinar, Journal of the Croatian Association of Civil Engineers, Vol 64(3), pp. 185-194, Zagreb, 2012
- Mijušković O., Ćorić B.: "Patch loading - analytical approach to critical load determination", original scientific paper, Građevinar, Journal of the Croatian Association of Civil Engineers, Vol 65(1), pp. 1-10, Zagreb, 2013, ISSN: 0350-2465 (printed version), ISSN: 1333-9095 (online).
- Mijušković O., Ćorić B., Šćepanović B: "Exact stress functions implementation in stability analysis of plates with different boundary conditions under uniaxial and biaxial compression", original scientific paper, Thin-Walled Structures, Vol.80, 2014, p.192-206, ISSN: 0263-8231
- Rogač M., Mijušković O., Lučić D., Aleksić S.: "Analysis of flange impact on critical patch load of thin-walled I-girders", preliminary note, Građevinar, Journal of the Croatian Association of Civil Engineers, Vol 66(4), pp. 311-321, Zagreb, 2014, ISSN: 0350-2465 (printed version), ISSN: 1333-9095 (online).
- Mijušković O., Ćorić B., Šćepanović B: "Accurate buckling loads of plates with different boundary conditions under arbitrary edge compression", Original Research Article, International Journal of Mechanical Sciences, Vol.101-102, 2015, p.309-323, ISSN: 0020-7403
- Mijušković O., Ćorić B., Šćepanović B, Žugić Lj: "Analytical model for buckling analysis of the plates under patch and concentrated loads", Original Research Article, Thin-Walled Structures, Vol.101, 2016, p.26-42, ISSN: 0263-8231

Monograph papers:

- Sekulović M., Pejović R., Mrdak R., Mijušković O.: "Seizmički odgovor visoke lučne brane", Monografija „Istraživanja“, Građevinski fakultet Univerziteta Crne Gore, str.295-318, Podgorica, 2000, ISBN 86-82707-09-8
- Lučić D, Šćepanović B, Aleksić S, Mijušković O, Knežević M, Rogač M: "Patch Loading Researches at the University of Montenegro 1991-2016", Contemporary problems of Theory of Structures - Monograph dedicated to professor Đorđe Vuksanović, 2016, p.193-206, ISBN:978-86-86363-69-5
- Mijušković O.: "Analytical approach to stress and buckling analysis of long plates under patch loading," Monograph "Contemporary problems of theory of structures", University of Belgrade – Faculty of Civil Engineering, University of Montenegro – Faculty of Civil Engineering, Belgrade, 2016, pp.193-206, ISBN 978-86-86363-69-5

Papers in journals with regular international distribution:

- Pejović R., Mrdak R., Mijušković O., Kovačević V., Vuksanović D.: "Konceptualno rešenje drumskog mosta preko bokokotorskog zaliva", Tehnika-Naše građevinarstvo (55), br. 3, str. Beograd, 2001, YU-ISSN 0350-2619
- Pejović R., Mrdak R., Sekulović M., Mijušković O.: "Numerička analiza sigurnosti betonske lučne brane Grančarevo", Tehnika-Naše građevinarstvo, Vol 58, br. 4, str. 5-12, Beograd, 2004, YU-ISSN 0350-2619.
- Pejović R., Mrdak R., Mijušković O.: "Certain aspects of complex constructions seismic resistance", Materials and Structures, Vol 48 br. 3, str. 55-64 Beograd, 2005, YU-ISSN 0543-0798.
- Mijušković O., Ćorić B, Šćepanović B: "Combination of patch and wheel loads: Analytical approach to plate buckling", Journal of Applied Engineering Science, Volume 14, Issue 1, 2016, p.84-92, ISSN:1451-4117

Invited lectures/papers:

- Mijušković O., Pavlović N. M., Ćorić B.: "Stability analysis of plates under locally distributed edge forces using exact in-plane stress function", Savremena građevinska praksa 2009, str. 207-222, Novi Sad, 2009, ISBN 978-86-7892-158-2.

Publications
(conference papers)

International conferences:

- Sekulović M., Pejović R., Mrdak R., Mijušković O.: "Analysis of the seismic response of the cooling tower with geometrical imperfections," Symposium Concrete Structures in Seismic Regions, CD ROM Proceedings, Paper 253, Athens, Greece, 2003.
- Sekulović M., Pejović R., Mrdak R., Mijušković O.: "Behaviour of the concrete arch dam "Grančarevo" during the earthquake", Skopje earthquake - 40 years of European earthquake engineering, cd rom, Skopje - Ohrid, 2003.
- Ćorić B., Mijušković O., Pavlović M., Srećković G.; "Post-critical behaviour of a transversely stiffened bridge web", Bridges in Danube Basin - Bridges across the Danube, 2004. Proceedings of the 5th International Conference on Bridges Across the Danube, str. 31-36, Novi Sad, Serbia & Montenegro, 24-26 June, 2004.
- Sekulović M., Mrdak R., Pejović R., Mijušković O.: "Analysis of seismic response of high arch dam on the basis of energy balance", 13 WCEE, CD ROM, Paper No. 2631, Vancouver, Canada, 2004
- Pejović R., Mrdak R., Mijušković O.; "Neki aspekti seizmičke analize složenih inženjerskih objekata", Međunarodna naučna konferencija: Aktuelna pitanja upravljanja seizmičkim rizikom u Crnoj Gori i okruženju, Crnogorska akademija nauka i umjetnosti, Univerzitet Crne Gore, Građevinski fakultet, str. 225-243, Podgorica, 2005, ISBN 86-7215-160-7.
- Pejović R., Mijušković O., Kapor V.; "Sanacija mosta preko reke Pčinje na magistralnom putu Podgorica – Kolašin", Internacionalni naučno-stručni skup GNP, Zbornik radova, Knjiga 2, str. 669-676, Žabljak, 2006, ISBN 86-82707-13-6.
- Pejović R., Mrdak R., Mijušković O.; "Influence of geometrical imperfection on seismic resistance of cooling tower", First European Conference in Earthquake Engineering and Seismology, CD ROM, Paper No. 1369, Geneva, Switzerland, 2006.
- Šćepanović B, Knežević M, Mijušković O, Lučić D, Aleksić S: "Primjer primjene vještačkih neuronskih mreža u građevinarstvu", XII naučno-stručni skup Informacione tehnologije - IT 2007, Žabljak, 2007.god, str.38-41
- Pejović R., Mrdak R., Mijušković O.: "Seismic strength of high concrete arch dams", 4-th Scientific Technical Meeting, - Savremena teorija i praksa u graditeljstvu, str. 203-219, Banja Luka, 2008.
- Pejović R., Mrdak R., Mijušković O.: "Analysis of seismic response of the "Mratinje" high arch dam, 14WCEE, The 14th World Conference on Earthquake Engineering, CD ROM, Paper ID 05-01-0431, Beijing, China, 2008.
- Mijušković O., Pavlović N. M., Ćorić B.: "Stability analysis of plates under locally distributed edge forces using exact in-plane stress function", Savremena građevinska praksa 2009, str. 207-222, Novi Sad, 2009, ISBN 978-86-7892-158-2.
- Mijušković O., Ćorić B.: "Prikaz postupka određivanja kritičnog opterećenja ploča primenom tačnih funkcija napona kroz odabrani numerički primer", Internacionalni naučno-stručni skup GNP, Zbornik radova, Knjiga 1, str. 99-104, Žabljak, 2010, ISBN 978-86-82707-18-9.
- Mijušković O., Ćorić B.: "Stability analysis of plates with mixed boundary conditions applying the exact stress functions", Internacionalni naučno-stručni skup GNP, pp. 213-220, Žabljak, 2012. ISBN 978-86-82707-21-9.
- Šćepanović B., Mijušković O., Žugić Lj., Luković N., Muhadinović M., Jevrić M., Darmanović M.: "Two-storey overground garage in PC alliance d.o.o. in Podgorica", Međunarodna naučna konferencija – Planiranje, projektovanje, građenje i obnova graditeljstva - iNDis, pp. 313-320, Novi Sad, Srbija, 2012, ISBN 978-86-7892-452-1
- Rogač M., Lučić D., Pejović R., Mijušković O., Đukić M.: "Ultimate bearing capacity of thin-walled open beam member subjected to bending force and torsion", Međunarodna naučna konferencija – Planiranje, projektovanje, građenje i obnova graditeljstva - iNDis, pp. 88-95, Novi Sad, Srbija, 2012, ISBN 978-86-7892-452-1.
- Rogač M., Lučić D., Pejović R., Mijušković O., Đukić M.: "Ultimate bearing capacity of thin-walled open beam member subjected to bending force and warping torsion", Međunarodna naučna konferencija – Planiranje, projektovanje, građenje i obnova graditeljstva - iNDis, pp. 80-87, Novi Sad, Srbija, 2012, ISBN 978-86-7892-452-1.
- Mijušković O., Ćorić B.: "Stability Analysis of Plates with Different Boundary Conditions under Uni and Biaxial Compression Using Exact Stress Functions", IInd International Congress on Mechanical Models in Structural Engineering, pp. 103-110, University of Granada, Spain, 2013, ISBN 978-84-15873-04-4.
- Šćepanović B, Knežević M, Lučić D, Mijušković O: "Forecast of collapse mode in eccentrically patch loaded steel i-girders by means of artificial neural networks", The 13th East Asia-Pacific Conference on Structural Engineering & Construction – EASEC 13, A-5-3, Sapporo, Japan, 2013.

- Mijušković O., Šćepanović B., Ćorić B.: “*Patch loading – stability analysis with exact in-plane stress functions*”, The 13th East Asia-Pacific Conference on Structural Engineering & Construction – EASEC 13, H-3-4, Sapporo, Japan, 2013.
- Mijušković O., Ćorić B.: “*Analytical approach to stability problems of plates subjected to both patch load and bending*”, Internacionalni naučno-stručni skup GNP, pp. 223-230, Žabljak, 2014. ISBN 978-86-82707-18-9.
- Mijušković O., Šćepanović B., Žugić Lj.: “*Analytical models for patch-loading stability analysis of plates with mixed boundary conditions*”, 7th European Conference on Steel and Composite Structures – EUROSTEEL, Napoli, Italy, 2014, ISBN 978-92-91471-21-8.
- Mijušković O., Šćepanović B., Žugić Lj.: “*Analytical solution to buckling problems of plates with different boundary conditions under combination of patch load and bending*”, 3th Polish Congress of Mechanics and 21st International Conference on Computer Methods in Mechanics – PCM-CMM-2015, pp. 937-938, Gdansk, Poland, 2015, ISBN 978-83-932107-4-9.
- Šćepanović B., Lučić D., Tešović I., Mijušković O.: “*Eccentric patch loading experiments at the University of Montenegro*”, Conferencia sobre Tecnologia de Equipamentos, COTEQ, Coteq-241, Cabo de Santo Agostionio, Brasil, 2015.
- Šćepanović B., Lučić D., Knežević M., Mijušković O.: “*Collapse mode of steel I-girders under eccentric patch load*”, The 16th International Symposium of MASE, Ohrid, Macedonia, 2015, p.559-568. ISBN 608-4510-24-8
- Mijušković O., Ćorić B.: “*Stability analysis of plates with exact in-plane stress functions – combination of patch and wheel loads*”, Internacionalni naučno-stručni skup GNP, pp. 173-180, Žabljak, 2016, ISBN 978-86-82707-30-1.

National conferences:

- Mijušković O., Ćorić B., Pavlović N.M.: “*Analiza optimalne krutosti poprečnih ukrčenja limenih nosača*”, originalni naučni rad, X Kongres jugoslovenskog društva građevinskih konstruktora, Knjiga T, str. 97-103, Vrnjačka Banja, 1998, ISBN 86-80049-77-8.
- Mrdak R., Mijušković O., Pejović R., Sekulović M.: “*Seizmička analiza lučne brane Grančarevo*”, originalni naučni rad, X Kongres jugoslovenskog društva građevinskih konstruktora, Knjiga T, str. 127-133, Vrnjačka Banja, 1998, ISBN 86-80049-77-8.
- Mijušković O., Knežević M.: “*Multimedijalna prezentacija uz primjenu softvera SAP 2000, Tower, 3d Studio Max i PowerPoint 2000*”, Naučno-stručni skup Informacione tehnologije, str. 128-131, Žabljak 2002.
- Pejović R., Mrdak R., Sekulović M., Mijušković O.: “*Numerička analiza sigurnosti betonske lučne brane Grančarevo*”, II Kongres jugoslovenskog društva za visoke brane, str. 519-528., Kladovo, 2003, ISBN 86-84787-00-5.
- Mrdak R., Mijušković O., Pejović R.: “*Uporedna naponska analiza rashladnog tornja za projektovano i izvedeno stanje*”, Originalni naučni rad, Treće savetovanje: Ocena stanja, održavanje i sanacija građevinskih objekata, Savez građevinskih inženjera i tehničara Srbije i Crne Gore, Zbornik radova, str 136-139, Vrnjačka Banja, 2003, ISBN 86-904089-0-8.
- Knežević M, Šćepanović B, Mijušković O, Lučić D.: “*Softverska podrška jednog eksperimentalnog istraživanja*”, IX naučno-stručni skup Informacione tehnologije - IT 2004, Žabljak, 2004.god, str.71-74
- Radovanović Ž., Mijušković O., Knežević M.: “*Softverska podrška izradi idejnog projekta pješačkih mostova u Podgorici*”, Naučno-stručni skup Informacione tehnologije, str. 116-119, Žabljak 2005.
- Pejović R., Tomanović Z., Knežević M., Mijušković O., Kapor V.: “*Prikaz konstruktivnog rješenja poluobjekta za treću traku na trasi jadranskog puta na dionici Tivat – Budva*”, Četvrto naučno-stručno savetovanje: Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Savez građevinskih inženjera i tehničara Srbije i Crne Gore, Zbornik radova, str153-158, Zlatibor, 2005, ISBN 86-904089-1-6.

ANNEXES

