

PERSONAL INFORMATION



Ivan Mrdak

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Sex male | Date of birth 07 July 1979 | Nationality Montenegrin

WORK EXPERIENCE

2012 - present

Assistant Lecturer

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

- Assistant Lecturer in courses from the domain of: Theory of Structures, Statics of structures, Finite element method (Faculty of Civil Engineering and Faculty of Architecture)
 - Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2008 - 2012

Honorary Assistant Lecturer

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

- Assistant Lecturer in courses from the domain of: Theory of Structures, Statics of structures, Finite element method, Stability and dynamics (Faculty of Civil Engineering and Faculty of Architecture)
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2008 - 2011

Supervising Engineer

Mace International England [<https://www.macegroup.com/>]
Podgorica, Montenegro

- Supervising Engineer on construction of Atlas Capital Center in Podgorica
- 87.000 m² residence and business centre
- Value of project 100 mil euro

2007 - 2008

Civil Engineer

Promonte GSM, Montenegro, Norway [<https://www.telenor.com/>]
Podgorica, Montenegro

- Supervising Engineer on construction of base stations for telecommunication
- Reconstruction of buildings

2007 - 2008

Civil Engineer

Camp, Dresser and Mc Kee USA [<https://www.cdm.com/>]
 Budva, Montenegro

- Supervising Engineer on construction of waste water and potable water reservoirs
- Construction of pipelines

EDUCATION AND TRAINING

- 2012 - present **PhD (Dr – Doctor)** EQF level 8
 Faculty of Civil Engineering, University of Montenegro (Montenegro)
- Structure: 5 courses/exams (4 semesters) + PhD thesis
 - Specialisation: Theory of structures
 - PhD Thesis: in progress
- 2008 - 2012 **MSc (Mr – Magistar)** EQF level 7
 Faculty of Civil Engineering, University of Montenegro (Montenegro)
- Specialisation: Structures
 - Structure: MSc Thesis
 - MSc Thesis: Comparative linear and non-linear seismic analysis of RC frame designed in accordance with Eurocode 8
- 1998 - 2008 **BSc (Dipl.Ing)** EQF level 6
 Faculty of Civil Engineering, University of Montenegro (Montenegro)
- Specialisation: Structures
 - Structure: 42 courses/exams (9+1 semesters) + Final/Diploma project (1 semester)
 - Final/Diploma project: Comparative analysis of different methods of seismic analysis on example of RC building structure

PERSONAL SKILLS

Mother tongue(s) Montenegrin / Serbo-Croatian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Graduated in White River High School in Buckley, Washington state, USA					

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, through participation in numerous conferences (national and international), as well as working on international construction projects
 - Good ability to adapt to new environment and to cooperate with new people.

- Computer skills
- excellent command of Microsoft Office™ tools
 - good command of AutoCAD™ and structural design software like SAP 2000™, Rad Impex™, Perform 3D™, Rocscience Perform 3d™

- Other skills**
- Professional skills:
- familiar with structural engineering laboratory techniques and methods,
 - rich experience in experimental testing of structures and materials.
- Hobbies and interests:
- skiing, cycling, swimming and speleology,
 - music (playing guitar and piano),
 - reading,

Driving licence A and B

ADDITIONAL INFORMATION

Honours and awards ▪ Best graduation paper in White River high school, Buckley, Washington State, USA

Memberships *Professional organisations and associations:*

- Engineering Chamber of Montenegro (IKCG)
- Montenegrin Association for Earthquake Engineering (CAZI)

Study/research/teaching mobility ▪ University of Ljubljana, Fakultet za Gradbenstvo i geodezijo research practice; Feb-Mart 2014

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

Papers in international journals (SCI/SCIE list):

- Mrdak Ivan: " COMPARATION OF LINEAR AND NON-INEAR SEISMIC ANALYSIS OF RC FRAME DESIGNED IN ACCORDANCE WITH EUROCODE 8", master theses, Podgorica 2012,
- Mrdak Ivan: "CLASIFICACION AND SEISMIC ANALYSIS OF TORSIONAL-FLEXIBLE STRUCTURES IN ACCORDANCE WITH EUROCODE 8", International Conference "Civil Engineering - science and practice", GNP 2012, Žabljak, 2012
- Mrdak Ivan: " SEISMIC ANALYSIS OF MULTY-STOREY BUILDING IN ACCORDANCE WITH EC8", International Conference "Civil Engineering - science and practice",
- GNP 2012, Žabljak 2010
- Marina Rakočević, Tomo Žžić, Mrdak Ivan, Vanja Burić , : "TECHNOLOGY OF WORKS OF CONSTRUCTION OF UNDERGROUND PART OF COMPLEX ATLAS CAPITAL CENTER", simposium DGKS, 2010,
- Ivan Mrdak, Nikola Radulović, Strahinja Pavlović i Igor Duletić " TECHNOLOGY OF CPNCRETE WORKS DURING CONSTRUCTION OF RESERVOIR FOR WATER „KAMENOLOM“ IN BUDVA" International Conference "Civil Engineering - science and practice",
- GNP 2012, Žabljak 2006
- Co-menthor on 20 specialisation thesis from