


PERSONAL INFORMATION

**Isak Idrizi**



 Rr. e Dizhonit Nr.69, 1000 Shkup (former Yugoslav Republic of Macedonia)

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Sex Male | Date of birth 6 Nov 1980 | Nationality Albanian

POSITION

**Assistant Professor**

EDUCATION AND TRAINING

1 Nov 2010–21 Apr 2014

**Doctor of Technical Science**

Ss. Cyril and Methodius, Institute of Earthquake Engineering and Engineering Seismology, Shkup (former Yugoslav Republic of Macedonia)

1 Oct 2005–16 Jul 2009

**Master of Science in Earthquake Engineering**

Ss. Cyril and Methodius, Institute of Earthquake Engineering and Engineering Seismology, Shkup (former Yugoslav Republic of Macedonia)

1 Oct 1999–19 Apr 2005

Prishtina University, Faculty of Civil Engineering and Architecture, Prishtina (Kosovo)

WORK EXPERIENCE

1 Oct 2014–1 Jun 2016

**Lecturer / Assistant**

State University of Tetova, Faculty of Applied Sciences, Tetova (former Yugoslav Republic of Macedonia)

1 Oct 2006–1 Oct 2007

**Young assistant**

State University of Tetova, Center of Polytechnic Studies, Tetova (former Yugoslav Republic of Macedonia)

1 Oct 2010–1 Oct 2013

**Young Researcher**

NATO funded project ESPEAP.SFPP 983828(2010-2013), Shkup (former Yugoslav Republic of Macedonia)

I participated as a young researcher on a NATO funded project ESPEAP.SFPP 983828(2010-2013) entiteled Seismic Upgrading of Bridges in South East Europe by Innovative Technologies

PERSONAL SKILLS

Mother tongue(s) Albanian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English C2 C2 C1 C1 B2

TOEFL IELTS
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Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

**Communication skills** good communication skills gained throughout my education and my participation on numerous conferences and international research projects

**Digital competence**

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Digital competences - Self-assessment grid

## ADDITIONAL INFORMATION

**Short Biography**

I was born in November 6th 1980, in Shkup – Macedonia.

I finished the elementary school and high school in my hometown.

I did my undergraduate studies in the Faculty of Civil Engineering and Architecture in State University of Prishtina, Republic of Kosova. I finished my 10 semester in 2005 with average grade 9.39. I was also awarded with the prestigious "distinguished student" award by the Rectorate of Prishtina University.

Once I finished my under-graduate studies abroad, I returned in my hometown where I started my post-graduate studies in the Institute of earthquake engineering and engineering seismology – IEEEES, Shkup, Macedonia. The post-graduate studies lasted for 2 years and were consisted of 15 specific subjects. All lectures, seminar works and exams were in English. In 2008 I passed the exams of all 15 subjects with average grade of 9.93. In 2009 I defended my master thesis work entitled "Effect of infill walls in seismic response of RC buildings" and was awarded the title "Master of Sciences in the field of Earthquake Engineering".

Later I embarked on my Doctoral Studies in the same Institution and in 2014 I successfully defended my doctoral dissertation entitled "Innovative HD infill wall system as means for reducing the seismic risk of RC buildings", and was awarded with the title "Doctor of Technical Sciences".

Along with my education in Postgraduate and Doctoral studies in the Institute of Earthquake Engineering and Engineering Seismology (IEEEES), I have also participated in various international symposiums, conferences and congresses related to aspects of structural engineering with more than 20 scientific papers. A detailed list and title of my papers is presented in later part of this CV.

After I finished my Doctoral studies, I signed a contractual agreement with the Faculty of Applied Sciences of State University of Tetova to work as a lecturer for the subjects "Seismic design of building structures" and "Design of Steel structures 1"

After my graduation in the civil engineering faculty of Prishtina University, I participated in the process of design and construction of various building structures, namely dozens of residential houses, residential multistory buildings, industrial buildings and historical buildings as well.

**Personal Interests**

Engineering mechanics;  
 Steel and Reinforced concrete structures  
 Dynamics of structures;  
 Earthquake Engineering

## Seminars and Workshops

**January 2007** Winter Study course in Munich, Germany – A 3 week training in technical developments in Munich technical faculty and obtained German language certification as well

**2003** Second International Prishtina Summer University – Academic Training Association Successfully completed the course in the subject "Introduction to road engineering" – ECTS – Grade A

## Professional experience

**2017** Structural Analysis and Design Project about a 10 story residential building in Aerodrom district of Shkup city.

**2013-2014** Supervision of construction works for an eight story residential building in Cair district of Shkup city.

**2012** Structural Analysis and Design Project about a 7 story residential building in Cair district of Shkup city, and participant in the "Water and sewage installation" project phase for this building

**2011** Structural Analysis and Design project about a 7 story residential building in Cair district

**2011** Structural Analysis and Design project about a 7 story residential building in Kumanova city, and participant in the "Water and sewage installation" project phase for this building

**2008-2010** Supervision of construction works along all construction phases of a seven story residential building in Cair district of Shkup city.

**2008** Structural Analysis and Design Project about a 7 story residential building in Cair district of Shkup city, and participant in the "Water and sewage installation" project phase for this building

**2005-2016** Active involvement in numerous residential, industrial and cultural buildings in Macedonia, as an engineer, construction project designer, building constructor and supervisor of construction works, as part of the engineering firm ARTING5 (a company involved in design, construction, supervision, revision and investments on engineering projects)

## Membership on professional societies

**2004 - 2009** Member of architects and civil engineering association – ACEA in Tetova, Macedonia

## Scientific papers and research

- Efekti i erës në strukturat beton-arme me bazë drejtkëndore në pajtueshmëri me kriteret Eurocod 1 - *Tetovë, Macedonia 2004*
- Era – resurs i rëndësishëm energjetik - *Prishtinë, Kosova, 2005*
- Mundësitë e shfrytëzimit të fuqisë së erës për nevojat energjetike në Kosovë - *Prishtinë, Kosova, 2005*
- Prodhimi energjetik vjetor i turbinave - *Prishtinë, Kosova, 2005*
- Vlersimi i gjendjes së shfrytëzueshmërisë të objekteve të larta nga ndikimi i rrymimit të erës - *Prishtinë, Kosova, 2005*
- Probability theory use in hydrology - Sitnica river - *Ohër, Macedonia, 2006*
- ZHUR hydro-power-plant importance for the electro energetic system of Kosova – *Barcelona, Spain, 2006*
- Hydropower energy source combining with other renewables, in the territory of Kosova – *Nikosia, Cyprus, 2007*
- Rehabilitation of the Mehmet Kebir Çelebi mosque – *Long Beach, California, USA, 2007*
- Hydrologic investigations of "Erzeni" river, and their influence on the design and construction strategy of the Skorana dam - *Ohër, Macedonia, 2008*
- Study of qualitative effect of different infill types on seismic response modification of RC buildings – *Rhodes, Greece, 2009*
- Effect of infill walls in structural response of RC buildings – *Las Vegas, Nevada, USA, 2009*
- Effect of infill walls in structural response of 2D Frames – *Ohër, Macedonia, 2009*
- Importance of P-Delta effect on RC buildings – *Ohër, Macedonia, 2010*
- Refined seismic safety evaluation of existing 20 story buildings – *Ohër, Macedonia, 2010*
- Nonlinear earthquake response of RC frames with different types of masonry infills - *Strugë, Maqedoni, 2011*

- Application of HYDE structural control system for RC buildings - *Lisbon, Portugal, 2012*
- Estimation of seismic response improvements on RC buildings with innovative "HD" infill walls panels - *Lisbon, Portugal, 2012*
- An innovative seismic protection system for conventional RC buildings – *Skopje, Macedonia, 2013*
- Local and global considerations for adequate adoption of steel connections between structural elements – *Tetova, Macedonia, 2015*
- Comparative study between waffle and solid slab systems – *Tiranë, Albania, 2015*
- Feasibility study for application of pile foundation on a 15 story buildings – *Tiranë, Albania, 2015*

**Authoring Books** -IDRIZI Infill Wall System for Seismic Protection of Residential Buildings – *Isak Idrizi, Zekirija Idrizi, Shkup, Macedonia, 29 March 2016 – ISBN 978-608-65935-0-6*