



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Vlora Shatri**
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E-mail vshatri@gmail.com
Nationality Albanian / Kosovo
Date of birth 19/03/1966
Gender F

Work experience

Dates September 1989 to date
Occupation or position held Teaching assistant - University
Main activities and responsibilities Teaching, Science and professional work
Name and address of employer University of Prishtina, Faculty of Civil Engineering and Architecture, str."Agim Ramadani", no nr., 10000, Prishtina
Type of business or sector Education

Education and training

Dates 2011
Title of qualification awarded Ph.D. Cand. (Studies ongoing)
Principal subjects/occupational skills covered Sc. area: Technical science, Sc. field: Civil engineering, Sc. branch: Bearing structures
Title: "Study over the Behaviour of Piles Subject to Buckling due to Axial Compression Load in Geotechnical Bearing Structures"
Name and type of organisation providing education and training University of Tirana, Faculty of Civil Engineering
Level in national or international classification 6. level (ISCED)
Dates October 3, 2008
Title of qualification awarded Master of Science
Principal subjects/occupational skills covered Sc. area: Technical science, Sc. field: Civil engineering, Sc. branch: Bearing structures
Title: "Consideration – Evaluation of Calculation of Slender Elements Subject to Buckling ($\lambda < 25$)"
Name and type of organisation providing education and training University of Prishtina, Faculty of Civil Engineering and Architecture

Level in national or international classification | 5. level (ISCED)

Dates | September 1984 – June 1989

Title of qualification awarded | Engineer

Principal subjects/occupational skills covered | Civil Engineering and Structures

Name and type of organisation providing education and training | University of Prishtina, Faculty of Civil Engineering and Architecture

Level in national or international classification | 5. level (ISCED)

Personal skills and competences

Mother tongue(s) | **Albanian (-)**

Other language(s)

Self-assessment
European level ()*

German

English

Serbian-Croatian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences | Communication skills, verbal and written exchange of information. Presentation skills – participation in international scientific and professional conference.

Organisational skills and competences | About 23 years of experience in teaching and organizing lectures/exercises at university of civil engineering and architecture. Analytical approach towards problem solving.

Technical skills and competences | About 20 years of experience in analysing and design of various engineering structures and in technical supervision in construction including certain experience working as a consultant for various institutions, design and construction companies.

Computer skills and competences | Knowledge in using computer software packages acquired during the education and through the work experience.

Artistic skills and competences | Interested in visual arts and music. Basic knowledge acquired during the years of education.

Other skills and competences | Play chess and basketball.

Driving licence

Additional information

Include here any other information that may be relevant, for example contact persons, references, etc. (Remove heading if not relevant, see instructions)

Annexes

Information on scientific, educational and professional work as enlisted below:

A. Teaching activities

This experience includes practical classes/exercises, semestral works, tutoring organizing daily activities, and keeping students on task with projects and assignments. Teaching activities include instructing on both, the bachelor and the master level, an intermediate level course on subjects:
a. Bachelor Level of Studies:

1) Basis of Design in Reinforced Concrete Structures, 2) Design of Concrete Structural Elements, 3) Design of Concrete Structures in Hydrotechnics.

b) Master Level of Studies

1) Design of Concrete Structures (buckling and serviceability limit states), 2) Pre-stressed Concrete, 3) Design of High-rise Concrete Structures and Prefabricated Structures.

During this period of time I was also participating on various projects carried out by Civil Engineering and Architectural Faculty, either individually or as a member of university expert's teams designing structural buildings, bridges, water retaining structures, etc.

B. Scientific Publications

i. Publications in Scientific Journals

1. **Vlora Shatri**, Luljeta Bozo, Bajram Shefkiu, Burbuqe Shateri: "Analysis of buckling of piles fully embedded in ground according to Finite Element Method", International Journal of Thermal Technologies, December 2013/January 2014.

Abstract: This work intends to present the analysis of buckling of piles fully embedded on ground and subject to axial force in compression based on the Finite Element Method. The approach of eigen values is used for calculation of buckling forces of piles within this method. To calculate the critical buckling force by use of Finite Element Method the SAP 2000 software is utilized where a reinforced concrete pile of circular cross section, $D=30\text{cm}$, concrete class C-25/30, of 5m length, the modulus of elasticity of soil, $k=1000\text{kN/m}^2$, with pinned end conditions (p-p) on the head and on the tip, is considered. The constant modulus of soil reaction is adopted throughout the depth. The comparison of amount of the pile buckling force obtained from software SAP 2000 with its theoretical value and by Euler's force is done.

2. **Vlora Shatri**, Luljeta Bozo, Bajram Shefkiu and Burbuqe Shatri: "Influence of Soil Stiffness and of End Support Conditions of a Pile in its Buckling Force", International Journal of Thermal Technologies, December 2013/January 2014.

Abstract: The aim of this work is to analyze the effects of soil stiffness and of pile end conditions into the buckling force of the pile fully embedded on ground and subject to only axial compression force. The pile buckling force is analyzed for the case when the modulus of soil reaction is $k=0$, $k=\text{const.}$ and $k=n_h \cdot x$. The software SAP 2000 is used for analysis.

ii. Papers published in Proceedings of International Conferences

3. **Vlora Shatri**, Qani Kadiri, Luljeta Bozo, Burbuqe Shatri, Bajram Shefkiu: "Stabilization of Road Landslide at Bec Location in Gjakova", Albanian Geotechnical Society Landslides and Geo-Environment Geotechnical Symposium in Balkan Region, October 2011.

4. **Vlora Shatri**, Luljeta Bozo, Burbuqe Shatri, Bajram Shefkiu: "Buckling of Fully Embedded Piles in the Ground Subject to Axial Compression Force", 2nd International Balkans Conference on Challenges of Civil Engineering, BCCCE, 23-25 May 2013, EPOKA University - Tirana, Albania.

5. Bajram Shefkiu, **Vlora Shatri**, Burbuqe Shatri: "After Earthquake Behaviour of Buildings in Gjilan Region", International Conference on Business, Technology and Innovation, November 2, 2012, Prishtina.

6. B. Shatri, **V. Shatri**, B. Shefkiu: "Determination of Limited Torsion, Capacity and Displacement in Ductile Systems", SE-EEE 1963 – 2013.

C. Projects

Some of the projects worth to mention:

- 1) Structural Design & Supervision of construction works for the Trade Centre METI Commerce, Gjilan, March 2004-Dec.2004.
- 2) September. 2012-October 2012, structural designs for a mix use eight storey building of about 8000 square meters as a public-private investment & March – May 2013, structural design for a mix use building, basement+ground+8 storeys, Gjilan city centre about 11000 square meters, private investment.
- 3) Structural design and supervision of construction of an industrial building for processing of milk products and cheese production, "RUGOVA", 410sqm, in Pejë - Rugov ë, 2009 – 2010.
- 4) Structural design and supervision of works for an industrial building, "TREGU-KOS", 723sqm, in Pejë.
- 5) Mix use building, trade + residential, Basement + Ground + 5Storeys, 3130sqm, 2009, Pejë.
- 6) Structural design for a Trade + Office Building, "EUROTERM", 1960sqm, Pejë, 2008.

- 7) Consultancy services and structural review for an industrial building, Ground + 2 storeys, 1200sqm, in Skopje – Macedonia.
- 8) Consultancy services and supervision of construction works for a mix use building, Gas Station + Restaurant, Ground + 1 Storey, 1280sqm, Gegollaj – Istog, 2006 -2007.
- 9) Structural design for a Hotel building complex, Basement + Ground + 4 storeys, 1350sqm, 2008 at SPA – Pejë
- 10) Design for a weir pipe – trench financed by EAR, Gllaviqica, 2007 – 2008.
- 11) Structural design for a WCO Building at Badovc, Prishtinë, 612,72sqm capacity of 6127cubic meter. Dual structural system composed of concrete frames and walls. Pile foundationa applied due to the site conditions with infill materials reaching to the depth of about 5 meter. Of 70 centimeter diameter piles and of various length are used depending on the depth of solid layers.

In mean time I have been also engaged management of extensive construction projects:

- 1) **Vlora Shatri**, Bajram Sh efkiu; Construction of a Sports Hall at Malisheve Municipality, capacity of 1800 spectators. The project funded by the Ministry of Culture: April 2009 – June 2012. Ssupervision of Works.
- 2) **Vlora Shatri**, Bajram Shefkiu: Supervision of Regional Road R-212, for Ministry of Transport and Post Telecommunication (part Stançiç – Shurdhan), August 2007-October 2007.