

## CURRICULUM VITAE

### 1. PERSONAL DATA

**Name:** Simona

**Surname:** Bogoevska  
**Former:** Markovska

**Date of birth:** 19.10.1986



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**Nationality:** Macedonian

**Affiliation :** Assistant  
Chair of Structural Analysis  
Faculty of Civil Engineering  
University of “ Ss. Cyril and Methodius”  
Skopje, Macedonia

## 2. EDUCATION

<b>Doctoral Research</b>	
<b>Research period</b>	2012 – present day
<b>Framework of</b>	International school for doctoral studies SEEFORM <sup>1</sup>
<b>Area of research</b>	Lifetime assessment of structures by structural health monitoring and system identification
<b>International progress seminars</b>	Participation in SEEFORM International Progress Seminars: First progress seminar – March 2012 Second progress seminar – August 2012 Third progress seminar инар – December 2013
<b>International educational courses</b>	Post Doctoral Course on: “ Identification Methods for Structural Health Monitoring and Residual Lifecycle Assessment “ –June 2013 – Udine, Italy  Compact Seminar SEEFORM- June 2013 – Ohrid, Republic of Macedonia  Compact Seminar SEEFORM - November 2012- Bochum, Germany  Compact Seminar SEEFORM - December 2011- Bochum, Germany

<sup>1</sup> South Eastern European Graduate School for Master and PhD Formation in Engineering – An Education Program within the framework of the Stability Pact for South Eastern Europe (DYNET)

<b>Master studies</b>	
<b>Institution</b>	University of “ Ss. Cyril and Methodius”, Faculty of Civil Engineering, Skopje
<b>Period</b>	2009/10
<b>Average grade</b>	10.00 ( Excellent)
<b>Graduation date</b>	18.03.2011
<b>Master thesis title</b>	“Structural analysis of silos for clinker storage according to current codes and Eurocodes ”
<b>List of undertaken courses</b>	<ul style="list-style-type: none"> <li>- Numerical analysis</li> <li>- Optimization of structures</li> <li>- Finite element method for nonlinear analysis of structures</li> <li>- Seismic design of structures II</li> <li>- Nonlinear seismic behavior of building structures</li> <li>- Selected topics of concrete structures</li> </ul>

<b>Undergraduate studies</b>	
<b>Institution</b>	University of “ Ss. Cyril and Methodius”, Faculty of Civil Engineering, Skopje
<b>Period</b>	2005/06 – 2008/09
<b>Average grade</b>	10.00 ( Excellent)
<b>Graduation date</b>	09.10.2009
<b>Bachelor thesis title</b>	“Structural analysis of a reinforced concrete water tank”
<b>Additional activities</b>	Short-term stay at the Technical university of Vienna through CEEPUS <sup>2</sup> program
<b>Important Certificates and Awards</b>	<p>Recognition Award for best student of the Faculty of Civil Engineering (Academic year 2009/10) awarded by University “Ss. Cyril and Methodius”, Skopje</p> <p>Recognition Award for the best graduated Engineering Students, awarded by the EIM<sup>3</sup> and CAEM<sup>4</sup></p>

<sup>2</sup> Central European Exchange Program for University studies

<sup>3</sup> Engineering Institution of Macedonia

<sup>4</sup> Chamber of Architects and Engineers of Macedonia

## 3. EXPERIENCE

### 3.1 Academic experience

<b>Period</b>	Since October year 2008
<b>Institution</b>	Faculty of Civil Engineering, Skopje
<b>Department</b>	Chair of Structural Analysis
<b>Position</b>	Teaching assistant ( employed since 03.06.2011)
<b>Description</b>	<p>Taking part in lecture organization and lecture demonstration for the following courses:</p> <ul style="list-style-type: none"><li>- Theory of plates and shells</li><li>- Dynamics of structures</li><li>- Seismic design of structures</li><li>- Computational Modeling of structures</li><li>- Static analysis of linear structures</li><li>- CAD oriented software</li><li>- Informatics</li><li>- Programming with C++ and VB2005</li></ul>

### **3.2 Participation in professional scientific meetings and conferences:**

- Participation in professional scientific meetings with publications:
  - “ System identification of industrial steel building based on ambient vibration measurements and short time monitoring”; S. Curilov, S. Markovska, E. Dumova-Jovanoska, G. Markovski; International Conference on Seismic Design of Industrial Facilities, September 2013 - Aachen, Germany
  - “ Analysis of the surrounding structures of the Recani Dam”; G. Aleksovski, L. Denkovska, K. Manevska, S. Markovska; Third congress on dams, June 2013 – Struga, Republic of Macedonia (in Macedonian)
  - “ Seismic analysis of the konjsko dam”; Gj. Kokalanov, K. Manevska, S. Markovska, Lj. Tancev, International conference on Earthquake Engineering, May 2013 – Skopje, Republic of Macedonia
  - “ Comparative wind load analysis according to Eurocodes and national standards”; S. Markovska, E.D. Jovanoska; International Conference IFED, November 2011 – Nish, Republic of Serbia
  - “ Comparative seismic analysis of engineering silo type structures according to Eurocodes and national standards”; S. Markovska, E.D. Jovanoska; 14<sup>th</sup> Symposium of MASE, October 2011 – Struga, Republic of Macedonia (in Macedonian)
  - “Two-dimensional and three-dimensional modeling of dam “Knezevo” “; Gj. Kokalanov, S. Mitoski, S. Markovska, K. Manevska; 3<sup>rd</sup> Symposium of MAG, 2010
  
- Participation in professional scientific meetings without publications:
  - Sofistik workshop, held in Belgrade, Serbia, April 2011
  - Lecture: “ The art of structures”, Prof. Dr Aurelio Muttoni, held in Skopje, Macedonia, April 2011
  - Lecture: “ Prestressed Concrete”, Prof. Dr Aurelio Muttoni, held in Skopje, Macedonia, April 2011
  - Experts mission– Lectures on EUROCODE 1 and EUROCODE 2, held in Skopje, Macedonia, March 2011
  - 14<sup>th</sup> European Conference on Earthquake Engineering, held in Ohrid, Macedonia on 30 August – 03 September, 2010
  - International seminar on EUROCODE 7 and geotechnical aspects of EUROCODE 8, MAG<sup>5</sup> 2008, held in Struga, Macedonia on 29 October – 01 November ,2008

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<sup>5</sup> Macedonian Association for Geotechnics

## 4. SKILLS

- Languages known:

First Certificate in English –level B2

- Computer knowledge

Windows Environment (98, 2000, XP)	
<b>MS Office</b>	Word, Excel, Power Point
<b>Analysis Software</b>	Autodesk AutoCAD, SAP2000, SOFISTIK, Autodesk Robot Structural Analysis Professional 2010, Radimpex Tower, Artemis
<b>Programming languages</b>	C++, Visual Basic 2005, Matlab

## 5. AWARDS AND CERTIFICATES

- Level 1 **Certificate** in English (ESOL <sup>6</sup>- First Certificate), awarded in June 2004
- **Certificate of attendance** of the 14<sup>th</sup> European Conference on Earthquake Engineering, held in Ohrid, Macedonia, on 30 August – 03 September, 2010
- **Certificate for participation** on the International seminar on EUROCODE 7 and geotechnical aspects of EUROCODE 8 ( MAG 2008 ), held in Struga, Macedonia on 29 October- 01 November, 2008
- **Certificate for participation** in the International Cultural and Academic Meeting of Engineering Students, held in Istanbul, Turkey, May 2008
- **Certificate of participation** in the launch in Macedonia of the International Award for Young People in the presence of His Royal Highness The Prince Edward, Earl of Wessex, held in Skopje, Macedonia, May 2006
- **Recognition Award Certificate** for best second-year student at the Faculty of Civil Engineering, Skopje, academic year 2006/07
- **Recognition Award Certificate** for best third-year student at the Faculty of Civil Engineering, Skopje, academic year 2007/08
- **Recognition Award Certificate** for best fourth-year student at the Faculty of Civil Engineering, Skopje, academic year 2008/09
- **Recognition Award Certificate** for best student in the graduating class at the Faculty of Civil Engineering, Skopje, academic year 2008/09
- **Recognition Award** for best graduated Engineering Students awarded by EIM and CAEM with patronage by the President of the Republic of Macedonia
- **Recognition Award Certificate** for best achieved success at the Faculty of Civil Engineering, Skopje, awarded by University of “ Ss. Cyril and Methodius”, Skopje, academic year 2009/10
- **Certificate** for collaboration, participation and contribution to the project realization “ Feel Macedonia exchange” – IACES <sup>7</sup>, held in Skopje, Macedonia, August 2008
- **Certificate** for contribution to the program Summer Academic course “ Building the future today” – BEST <sup>8</sup>, held in Skopje, Macedonia, July 2008

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<sup>6</sup> English for Speakers of Other Languages

<sup>7</sup> International Association of Civil Engineering Students

<sup>8</sup> Board of European Students of Technology