

CIRRUCULUM VITAE



- 1. Name:** VIKTOR HRISTOVSKI
2. Born: 26 November 1963
3. Title and Position: Full Professor
University SS. Cyril and Methodius in Skopje,
Institute of Earthquake Engineering and Engineering Seismology (IZIIS),
165 Todor Aleksandrov Str., R. Macedonia

4. Academic education and specialization training:

1987 Faculty of Civil Engineering, University "St. Cyril and Methodius", Skopje, Republic of Macedonia, Graduated Civil Engineer, Diploma November 1987

(Note: The duration of the studies at this Faculty was normally 10 semesters (5 years). However, the candidate has completed the studies within 4 years as the first in his generation.) Institute of Earthquake Engineering and Engineering Seismology (IZIIS), University "SS. Cyril and Methodius", Skopje, Republic of Macedonia,

1991 Master of Science in Earthquake Engineering, Diploma June 1991

1997-1998 International Institute of Seismology and Earthquake Engineering (IISEE), Building Research Institute, Tsukuba, Japan, graduation of Eleven months training course in Earthquake Engineering, August 1997 - July 1998, (with passed 10 exams and defended individual study report on non-linear behavior of reinforced concrete members using FEM, at Chiba University, Chiba, Japan); Fellowship sponsored by Japan International Co-operation Agency (JICA), Diploma July 1998

1999 Institute of Earthquake Engineering and Engineering Seismology (IZIIS), University "SS. Cyril and Methodius", Skopje, Republic of Macedonia, Doctor of Technical Sciences in Earthquake Engineering, Diploma February 1999

5. Positions and activities:

November 1988- March 1990: Scholarship Fellow, M.Sc. studies and research, Institute of Earthquake Engineering and Engineering Seismology, University "SS. Cyril and Methodius", Skopje

April 1990 – September 1992: Research Fellow, Institute of Earthquake Engineering and Engineering Seismology, University "SS. Cyril and Methodius", Skopje

October 1992 – November 1999: Research Assistant in Earthquake Engineering, Institute of Earthquake Engineering and Engineering Seismology, University "SS. Cyril and Methodius", Skopje

December 1999 – October 2004: Assistant Professor in the subject Finite Element Method at the Institute of Earthquake Engineering and Engineering Seismology, University "SS. Cyril and Methodius", Skopje within the International DAAD and TEMPUS post-graduated courses.

November 2000 – November 2002 (24 months): Visiting researcher at Chiba University (Department of Design & Architecture), Chiba, Japan, sponsored by Japan Society for the Promotion of Science (JSPS) via Post-doctoral Fellowship Program for Foreign Researchers (Topic of the research: 3D Confined Reinforced Concrete Model and its Application to the Non-Linear FEM Analysis of Structures)

December 1999 – 2007: Lecturer on the International twelve weeks CADAC course for seismic design of structures in the subjects Finite Element Method and Numerical Analysis, organized every year at the Institute of Earthquake Engineering and Engineering Seismology, Skopje, Macedonia

October 2004 – 2009: Associate Professor in the subject Finite Element Method at the Institute of Earthquake Engineering and Engineering Seismology, University

"Ss. Cyril and Methodius", Skopje within the International DAAD and TEMPUS post-graduated courses

April 2003 – March 2007: Head of Department 03 (Engineering Structures & Software) at the Institute of Earthquake Engineering and Engineering Seismology - Skopje, Macedonia

October 2009 – 2017: Full Time Professor in the subject Finite Element Method at the Institute of Earthquake Engineering and Engineering Seismology, University "Ss. Cyril and Methodius", Skopje within the International post-graduated (M.Sc. and Ph. D) courses

October 2009 – 2011: Coordinator of TK 40 for Eurocode 8 within the frame of Standardization association of Republic of Macedonia (ISRM)

October 2017 – 2023: Full Time Professor in the subjects Analysis of Structures, Finite Element Method and Dynamics of Structures at the Institute of Earthquake Engineering and Engineering Seismology, University "Ss. Cyril and Methodius", Skopje within the International post-graduated (M.Sc. and Ph. D) courses

January 2017 – November 2017: Head of Department for Risk Management at the Institute of Earthquake Engineering and Engineering Seismology, University "Ss. Cyril and Methodius", Skopje

6. Main experience:

- Finite Element Method (FEM) and Dynamics of Structures in the field of Earthquake Engineering;
- Dynamic Testing of R/C and Wooden Models;
- Development of the original software (see Software development) and application of the commercial FEM based software for analysis of structures (SAP2000, COSMOS, DIANA, IDARC2D, DRAIN2D);
- Development of new and implementation of existing constitutive models for reinforced concrete structures, steel structures, soil and rock continua and timber structures;
- Design of new building structures (individual houses and collective living buildings, theater structures), Design of industrial tanks; Upgrading of existing building structures (individual houses and collective living buildings).
- Diagnosis, repair, strengthening, dynamic evaluation and expertise of existing bridges, building structures and engineering structures (thermo-electrical power plants, cooling towers, high-way tunnels),
- Revision of main design projects for bridges, building structures and engineering structures (cooling towers, structures of base stations for mobile telephony, structures of oil tanks, structures of electric stations, dams, etc.)
- Preparation of the Guidelines for Earthquake Disaster Management, under UNDP-UNCHS (Habitat) Project, IRA/90/004 in collaboration with Prof. Dr. Jakim T. Petrovski, Member of Academia Europaea, Chief Technical Advisor of the Project.
- PHARE project for seismic design of bridges and tunnels on the high-way section E-75.

7. Participation in scientific and international projects

- Viktor Hristovski, Principal Leader of the project, National project sponsored by the Ministry of Education and Science of Republic of Macedonia for the period of 1st of January 2000 up to 31th of December 2002, with the title: "Development of software package for analysis and diagnosis of reinforced concrete structures with implementation of several world codes." IZIIS, Skopje, March 2003
- Mihail Garevski, principal investigator, Viktor Hristovski, co-leader of the project, International NATO Science for Peace Project (SfP977231)

„Seismic Assesment and Rehabilitation of Existing Buildings“, period of realization 2001-2005, IZIIS, Skopje, March 2007

- Viktor Hristovski, Roko Zarnic, Principal Leaders of the bilateral project, Bilateral project between Republic of Slovenia and Republic of Macedonia, sponsored by Ministries of Education and Science of both countries for the period of 1st of January 2006 up to 31th of December 2006 with the title: Experimental and numerical investigation of racking capacity of massive wooden walls (MW-WALLS)”, IZIIS, Skopje, March 2007

- Danilo Ristic, principal investigator, Viktor Hristovski, participant of the project, International NATO Science for Peace Project 2012-2014

8. Software development:

-FELISA/3M, General Purpose Finite Element Method Software Package for Static and Dynamic Linear and Nonlinear Analysis of Structures and Continua, IZIIS in-house software package for educational and application purposes.

-RCB, Commercial Software Package for Design of Reinforced Concrete Buildings (INDUCTA Pty Ltd, Sydney, Australia)

9. Memberships:

- Member of Member of DYNET/SEEFORM lecturing committee

- Member of Macedonian Association of Structural Engineers – MASE

10. Language skills:

Indicate competence on a scale of 1 to 5 (1 - basic; 5 - excellent)

Language	Reading	Speaking	Writing
Macedonian	5	5	5
English	5	5	5
Serbo-Croatian	5	5	5
Bulgarian	5	4	4

11. Contact: viktor@iziis.ukim.edu.mk , viktorhr1963@gmail.com

12. Published materials:

Visit Google Scholar link:

https://scholar.google.com/citations?user=mLs_KyoAAAAJ&hl=en