

CURRICULUM VITAE



Family name: **JOSIFOVSKI**
First name: **Josif**
Title: **M.Sc. -C.Eng.**
Nationality: **Macedonian**
Date of birth: **30/10/1974**
Social status: **Married**
Children: **none**
Employer: **Ss Cyril and Methodius University Skopje**
Faculty of Civil Engineering
Department for Geotechnics
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Languages

Macedonian:	<i>mother tongue</i>		
English:	fluent	<i>good</i>	<i>fair</i>
German:	<i>fluent</i>	good	<i>fair</i>
Serbian:	fluent	<i>good</i>	<i>fair</i>
Russian:	<i>fluent</i>	<i>good</i>	fair

Education

[1993] High School for Computer Sciences,
"Rade Jovcevski-Korcagin", Skopje, Macedonia.

[1999] B.Sc. on Structural Engineering Course in Civil Engineering,
Faculty of Civil Engineering, Ss. Cyril & Methodius, Skopje, Macedonia.
Thesis submitted on: *Project for deep foundations on the bridge over river "Lepenec",
North ring road of city Skopje with a technical solution for constriction of Reinforced earth
bridge embankments.*

[2002] M.Sc. Computational Engineering, Ruhr-University Bochum, Germany.
Thesis submitted on: *Investigation of Dynamic behavior of Structure on a layered soil
and evaluation of the Influence of the soil layers and embedment on the foundations.*

Awards

[2001] For achieved results and presentation in frames of MILWA project,
Projektbüro Umwelttechnik, Ruhr-Universität Bochum.

[2002] 3rd Best graduated student in class 2000 at the M.Sc. Computational Engineering,
Ruhr-University Bochum, Germany. *Funded by German academic exchange office
(DAAD) and Stability pact for SEE.*

[2002] For achieved results and presented M.Sc. thesis. 5th DYNET Meeting and
Workshop for young engineers, Herceg Novi, Serbia and Montenegro.
Funded by German academic exchange office (DAAD) and Stability pact for SEE.

Main field of Interests

- ♦ *Soil and Foundation Dynamics*
- ♦ *Dynamic Soil properties*
- ♦ *Constitutive and Numerical modeling*
- ♦ *Vibration of foundation and Dynamic Soil Structure Interaction*
- ♦ *Geotechnical Earthquake Engineering*
- ♦ *Dynamic Soil Instabilities and liquefaction phenomena*

List of own publications

[A] Scientific Reports

- [1] VITANOV V., JOSIFOVSKI J., STOJKOV I.,
Investigation of bearing capacity of bored $\phi 800$ mm cast in place concrete piles through in situ pile-load test, *Proceedings of IX. International Symposium of MASE, Ohrid, R. Macedonia, September 2000.*
- [2] JOVANOVSKI M., GORGEVSKI S., VITANOV V., GAPKOVSKI N., JOSIFOVSKI J.,
Some aspects from in-situ investigation of the soil deformability with Menards pressiometer, *Proceedings of IX. International Symposium of MASE, Ohrid, R. Macedonia, September 2000.*
- [3] JOVANOVSKI M., GAPKOVSKI N., GORGEVSKI S., VITANOV V., JOSIFOVSKI J.,
Stability analysis of SI open-pit mining Bucim-Radovis, *Proceedings of IX. International Symposium of MASE, Ohrid, R. Macedonia, September 2000.*
- [4] JOSIFOVSKI J., Environmental impact on groundwater determined with the help of 3D groundwater models, *Proceedings of 1st - MAG Symposium, Ohrid, R. Macedonia, June 2002.*
- [5] JOSIFOVSKI J.,
Investigation of Dynamic behavior of Structures on a layered soil and evaluation of the Influence of the soil layers and embedment on the foundations, *Workshop for young engineers, DAAD and Stability pact for SEE, Herceg Novi, Serbia and Montenegro, 29-30 September 2002.*
- [6] JOSIFOVSKI J.,
Investigation and Evaluation of the Influence from the soil layers and embedment on Harmonically excited rigid foundation, *Proceedings of SE-40 EEE Conference, Ohrid, R. Macedonia, August 2003.*
- [7] JOSIFOVSKI J.,
Investigation of dynamic behavior of structures on a layered soil and evaluation of the influence of the soil layers and embedment on the foundations, *Proceedings of 2nd iYGEC of ISSMGE, Constaza-Mamaia, Romania, September 2003.*
- [8] GORGEVSKI S., VITANOV V., JOSIFOVSKI J., Application of finite and infinite elements in geotechnics, *Proceedings of X. International Symposium of MASE, Ohrid, R. Macedonia, September 2003.*
- [9] JOSIFOVSKI J.,
Determination of the dynamic response of soil structure interaction system and evaluation of the soil influence, *Proceedings of X. International Symposium of MASE, Ohrid, R. Macedonia, September 2003.*

[B] International Projects

- [1] Kinematische element methode, *Institut für Konstruktiven Ingenieurbau, Lehrstuhl für Grundbau und Bodenmechanik, SFB 151 Projekt, Bochum 2001.*
- [2] Visualization of Environmental Impact on Ground Water determined with the Help of 3D Groundwater Models, *MILWA CD_ROM-Presentation, Arbeitsgruppe Umwelttechnik und Ökologie im Bauwesen, Projektbüro Umwelttechnik, Ruhr-Universität Bochum, 2001.*
- [3] Parametric analysis of harmonic oscillating foundation and determination of dynamic compliance and impedance functions using Boundary element method, *Institut für Konstruktiven Ingenieurbau, Arbeitsgruppe für Theorie der Tragwerke und Simulationstechnik, Ruhr-Universität Bochum, 2002.*
- [4] Investigation of Dynamic behavior of Structures on a layered soil and evaluation of the Influence of the soil layers and embedment on the foundations, *Master Thesis – Computational Engineering, Faculty of Civil Engineering, Ruhr University Bochum, 2002.*
- [5] Reinforced earth from intuition of ancient civilization to moderate building material at the end of 20th century, *Faculty of Civil Engineering, Ss. Cyril & Methodius University, Skopje, 2000-2003.*
- [6] An Interim Review of the DAAD in the Frame of Stability pact for Hasso Plattner Institute- University Potsdam, International Cooperation in Higher Education and Stabilization of SEE, representatives from Skopje University and Master of Science program “Computational Engineering” –Bochum, September 2003.

[C] Professional Reports

- [1] *Technical report from the laboratory testing of sand for bedding and padding of tubes, V. VITANOV, M. JOVANOVSKI, J. JOSIFOVSKI, July 2000.*
- [2] *Technical report from the geotechnical investigations alongside the crude oil pipeline from “OKTA” refinery to the border, V. VITANOV, M. JOVANOVSKI, J. JOSIFOVSKI, July 2000.*
- [3] *Technical Report from geotechnical investigations on the location of the water reservoir “C’amlak” in Strumica, N. GAPKOVSKI, M. JOVANOVSKI, J. JOSIFOVSKI, December 2002.*
- [4] *Report from the technical auscultation of the “Turija”- earth dam in Strumica for 2002, S.GORGEVSKI, N. GAPKOVSKI, J. JOSIFOVSKI, J. PAPIC, March 2003.*
- [5] *Report from the technical auscultation of the “Vodoca”- earth dam in Strumica for 2002, S.GORGEVSKI, N. GAPKOVSKI, J. JOSIFOVSKI, J. PAPIC, March 2003.*
- [6] *Report from the technical auscultation of the “Novoselka”- earth dam in Strumica for 2002, S.GORGEVSKI, N. GAPKOVSKI, J. JOSIFOVSKI, J. PAPIC, June 2003.*
- [7] *Technical report-information of “Germa” landslide and motion-recommendation for rehabilitation, N. GAPKOVSKI, V. VITANOV, J. JOSIFOVSKI, July 2003.*
- [8] *Technical Report from geotechnical investigations and project for earthworks for a Transportation and Logistic centre “Zmaj-Promet” – Stip, S. GORGEVSKI, J.JOSIFOVSKI, July 2003.*

- [9] *Main design project for a L-shaped RC retaining walls on piles as a solution for a boulder on the road between s.Trebiste - s.Velebrdo*, S. GORGEVSKI, J. JOSIFOVSKI and "Balkankonsalting", August 2003.
- [10] *Technical report of the geological and geotechnical investigations of pit coal quarry PK "Suvodol" - Bitola*, M. JOVANOVSKI, N. GAPKOVSKI, J. JOSIFOVSKI, October 2003.
- [11] *Technical Report from geotechnical investigations on the location of the football stadium "Sloga" - Cair*, N. GAPKOVSKI, J. JOSIFOVSKI, M. JOVANOVSKI, October 2003
- [12] *Technical Report from geological and geotechnical investigations on marbel deposit in "Prisad" Sivec- Prilep*, M. JOVANOVSKI, N. GAPKOVSKI, J. JOSIFOVSKI, November 2003.
- [13] *Project for recovery work on the earth dam "Markova reka" in Strumica*, V. VITANOV, Lj. TANCEV, Lj. PETKOVSKI, J. JOSIFOVSKI, January 2004.
- [14] *Main design project for rehabilitation of the "Ramina" – Veles landslide*, S. GORGEVSKI, J. JOSIFOVSKI and ADG "Pelagonija- Geotehnics" -Skopje, February 2004.
- [15] *Main design project for spread-sheet pile wall on the North ring road of Skopje on KM 4+366.10 to KM 4+393.10*, J. JOSIFOVSKI and ADG "Balkankonsalting", April 2004.
- [16] *Technical Report from geotechnical investigations on the location for new US Embassy compound (NEC) in Skopje-Macedonia*, V. VITANOV, M. JOVANOVSKI, N. GAPKOVSKI, J. JOSIFOVSKI, May 2004.
- [17] *Technical solution for sheathe of $\Phi 426$ mm gas-pipeline on Prvomajska street -Skopje* J. JOSIFOVSKI, May 2004.
- [18] *Technical report from geomechanical investigations of the Residential complex on Partenie Zografski street -Skopje*, J. JOSIFOVSKI, M. JOVANOVSKI, J. PAPIC, June 2004.

Professional membership - Affiliations

MASE -Macedonian Association of Structural Engineers
 MAG -Macedonian Association for Geotechnics
 ISSMGE -International Society for Soil Mechanics and Geotechnical Engineering
 DAAD -Alumni Club for Macedonia

Hobbies

Sports and Literature.