

# Kemal Edip

Prof. Dr.

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## Kemal Edip

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## Personal Details

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Sex:	Male
Date of Birth:	13.11.1979
Status:	Married
Nationality:	Republic of North Macedonia

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## Work Experience

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### Professor

July 2023 – present

Ss. Cyril and Methodius University in Skopje  
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)  
<http://www.iziis.edu.mk/>

- Laboratory experiments and Numerical simulations

Department: Geotechnics and Special Structures

[http://www.iziis.edu.mk/?page\\_id=2074](http://www.iziis.edu.mk/?page_id=2074)

### Associate Professor

September 2018 – 2023

Ss. Cyril and Methodius University in Skopje  
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)  
<http://www.iziis.edu.mk/>

- Research, Application, Education, Training

Department: Geotechnics and Special Structures  
[http://www.iziis.edu.mk/?page\\_id=2074](http://www.iziis.edu.mk/?page_id=2074)

### Head of Department

November 2017 – August 2021

Ss. Cyril and Methodius University in Skopje  
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)  
<http://www.iziis.edu.mk/>

Department: Geotechnics and special structures

### Assistant Professor

December 2013 – September 2018

Ss. Cyril and Methodius University in Skopje  
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)  
<http://www.iziis.edu.mk/>

- Research, Application, Education, Training

Department: Geotechnics and Special Structures  
[http://www.iziis.edu.mk/?page\\_id=2074](http://www.iziis.edu.mk/?page_id=2074)

### Building Seismic Certification Reviewer

November 2013 – on going

Ss. Cyril and Methodius University in Skopje  
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)

<http://msz.iziis.ukim.edu.mk/>

- revision and super revision, field control, quality control

### **Research Assistant**

February 2006 – August 2013

Ss. Cyril and Methodius University in Skopje

Institute of Earthquake Engineering and Engineering Seismology (IZIIS)

<http://www.iziis.edu.mk/>

- Research, Application, Education, Training

Department: Geotechnics and Special Structures

### **Young Research Assistant**

April 2005 – February 2006

Ss. Cyril and Methodius University in Skopje

Institute of Earthquake Engineering and Engineering Seismology (IZIIS)

<http://www.iziis.edu.mk/>

- Research, Application, Education, Training

Department: Geotechnics and Special Structures

### **Visiting Professor**

September 2016 – December 2016

International Balkan University in Skopje (IBU)

Faculty of Civil Engineering

<http://www.ibu.edu.mk/>

- Education

Subject: Geology

Subject: Soil Mechanics

### **Visiting Professor**

May 2016 – Erasmus Exchange Program for Academic Staff

University of Natural Resources and Life Sciences, BOKU, Vienna

Faculty for Geotechnical Engineering

<http://www.boku.ac.at/en/>

- Education

Subject: 873.009 Applied Earthquake Engineering

- Introduction to seismology and earthquakes
- Passive controlled structures

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## **Education**

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### **Doctor in Technical Sciences / PhD**

June 2013

Ss. Cyril and Methodius University in Skopje

Institute of Earthquake Engineering and Engineering Seismology (IZIIS)

<http://www.iziis.edu.mk/>

DAAD South Eastern European Graduate School for Master and PhD

Formation in Engineering (Scholarship Holder)

<http://www.seeform.ukim.edu.mk/>

Faculty of Civil Engineering, RWTH Aachen University, Aachen, Germany

<http://http://www.rwth-aachen.de/cms/~a/root/?lidx=1>

### **Master of Science in Earthquake Engineering / MSc**

September 2005

Ruhr University Bochum, Germany

<https://compeng.rub.de/>

- Wave propagation in soil

### **Graduate Civil Engineer**

June 2003

Middle East Technical University, METU

Faculty of Civil Engineering, Ankara, Turkey

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## Personal Skills

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### Languages:

Other Languages	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
Macedonian	C1/2	C1/2	C1/2	C1/2	C1/2
English	C1/2	C1/2	C1/2	C1/2	C1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

### Job-related Skills:

- Research & Education (Civil Engineering, design and analysis, Structural control and health monitoring, Dynamic of Structures, Experimental Mechanics, Earthquake Resistant Design of Structures, Structural Analysis, Development of Software and Applications)
- Management, Coordination, Quality Control

### Computer Skills:

- ANSYS
- PLAXIS
- ETABS and SAP (Structural Analysis Softwares)
- AutoCAD (Technical Design Software)
- CorelDraw (Graphical Design Software)
- Microsoft Office™ tools

### Other Skills:

- Graphic Design

### Driving License:

- B (European Union Classification)

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## Trainings & Study Stays

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- **(2023)** 13<sup>th</sup> Workshop on seismic microzonation and risk reduction, Nov.30-Dec.01,2023, Alicante, Spain
  - **(2022)** 04-09 September, Participation at 17<sup>th</sup> European conference on Earthquake Engineering and Engineering Seismology, Bucharest, Romania
  - **(2019)** 7th International Conference of earthquake geotechnical engineering. 7th ICEGE, Rome, Italy, 17-20th June, 2019
  - **(2019)** 02-09 December Tirana, Albania, Scientific visit for assessment of damages from Durres Earthquake
  - **(2019)** 18-25 January Pavia, Italy, Scientific visit in the frame of H2020 Project: Infra-NAT (783298-INFRA-NATUCPM-2017-PP-AG), Increased Resilience of Critical Infrastructure to Natural and Human-Induced Hazards, Researcher.
  - **(2018)** Participation at iNDiS 2018 - 14th International scientific conference,22-44 November, Novi Sad, Serbia
  - **(2018)** Participation at 36<sup>th</sup> European Seismological Commission General

Assembly, 2 - 7 September Malta

- **(2018)** Participation at 16<sup>th</sup> European conference on Earthquake Engineering, 18-21 June Thessaloniki, Greece
- **(2018)** Participation at INDIS2018 Novi Sad, Serbia 21-21.Nov.
- **(2016)** ERASMUS + programme at BOKU University in Wien, Austria,
- **(2013)** Doctoral Progress Seminar, Nis, Serbia, (5 days)
- **(2011)** SERIES Project, visit of LNEC in Lisbon, Portugal.
- **(2012)** Training Seminar on Underground Structures in Cities, Skopje, Faculty of Civil Engineering, (3 days)
- **(2009)** Doctoral study stay, DAAD program for doctoral studies, RWTH Aachen University, Germany (4 months).
- **(2008)** Doctoral study stay, Herder Initiative program for doctoral studies, RWTH Aachen University, Germany (4 months).
- **(2007)** Doctoral study stay, Herder Initiative program for doctoral studies, RWTH Aachen University, Germany (4 months).

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## Honors & Awards

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- **(2014)** MASE Award for the notable and best achievement in the civil engineering for 2013 for doctoral thesis.
  - **(2005)** University Award – one of the four best students at the Ruhr University Bochum, Germany.

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## Memberships

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### Active Memberships:

- Macedonian Association of Earthquake Engineering (MAEE), **Member.**
- Macedonian Association of Civil Engineers (MASE), **Member.**
- Macedonian Association for Geotechnics, **Member.**
- EAEE (European Association of Earthquake Engineers)
- ISSMGE (International Society of Soil Mechanics and Geotechnical Engineering)

### Past Memberships:

- International Conference of Applied Sciences, Engineering and Mathematics (IBU-ICASEM 2017), 5-7.05.2017, Ohrid-Struga, Republic of Macedonia, **Scientific Committee Member.**
- 14th European Conference on Earthquake Engineering, 30.08-03.09.2010, Ohrid, Republic of Macedonia, **Organising Committee Member**
- International SE-50EEE Conference to mark 50 years of Skopje Earthquake, May 28-31, Skopje, **Organising Committee Member**
- Conference on Earthquake Engineering and Seismology (IZIIS50), Kiel, 12-16 May 2015, **Organising Committee Member**
- International IZIIS40 Conference to mark 40 years of IZIIS Skopje, August 2005, Ohrid, R.Macedonia, **Organising Committee Member**

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## Selected Projects

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- ERIES - Engineering Research Infrastructures for European Synergies, Horizon Europe / 2022-2026
  - ISRA - Integrative strengthening of seismic risk awareness, UCPM, 2022-2024

- COST CA20139 - Holistic design of taller timber buildings (HELEN), MC Member
- COST CA17131 - The Soil Science & Archaeo-Geophysics Alliance: going beyond prospection (SAGA), MC Member
- (2020-2021) DG-ECHO Project: CRISIS Comprehensive Risk Assessment of Basic Services and Transport Infrastructure 101004830 - CRISIS - UCPM-2020-PP-AG
- (2018 – 2019) DG-ECHO Project: Infra-NAT (783298-INFRA-NAT-UCPM-2017-PP-AG), Increased Resilience of Critical Infrastructure to Natural and Human-Induced Hazards, Researcher.
- (2018 – 2020) Geotechnical hazards, soil liquefaction, element testing, numerical simulation, bilateral project with BOKU University, Wien, Austria
- Reduction of Liquefaction Hazard in Urban Areas - New Development, Researcher, Macedonian - p.r. China Intergovernmental S&T Cooperation Programme for 2009 – 2011
- FP7 Project – UREDITEME - “Upgrading of Research Equipment for Dynamic Testing of Large Scale Models” – responsible person for scientific and technological issues (2007-2013)
- SERIES-Seismic Engineering Research Infrastructures For European Synergies (2007-2013)
- Evaluation Of The Seismic Potential Of The Site, For The Development Project Of The Skopje Airport, IZIIS Report 2010 / 21
- Evaluation of the Seismic Potential of the Site, for the Development Project of the Ohrid Airport, IZIIS 2010 / 21
- Parliament of the Republic of Macedonia - geotechnical and geophysical investigation for reconstruction and strengthening of the buildings, IZIIS 2008-50
- Laboratory Investigations for Development of Site Specific Material Curves for Soil Typologies Characteristic for Belene, Bulgaria, NPP Site , IZIIS Report 2008/65
- Geophysical and Microtremor Measurements for Prizren Fortress (Kosovo), IZIIS Report 2011/25
- Evaluation of the seismic potential of the site, Definition of the seismic design parameters for High Rise Buildings, Project: “Makedonya Cevahir Resident” Skopje, Macedonia, IZIIS Report 2011/24
- Analysis of Stability of Existing Church Structure of St. Mary Peribleptos in Ohrid under Gravity and Seismic Effects, Vol.2 - Assesment of seismic potential of St. Mary Peribleptos church site in Ohrid, IZIIS Report 2011/36

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#### Conferences:

- 13<sup>th</sup> Workshop on seismic microzonation and risk reduction, Nov.30-Dec.01,2023, Alicante, Spain
- 7th International Conference of earthquake geotechnical engineering. 7th ICEGE, Rome, Italy, 17-20th June, 2019
- 18th International Symposium of Macedonian Association of Structural Engineers (MASE 2019), Ohrid, Macedonia
- ESC2018, The European Seismological Commision 36<sup>th</sup> Assembly, 2-7 September, Valleta, Malta
- 16th European Conference on Earthquake Engineering, 18-21 June,2018, Thessaloniki, Greece
- 16th International Symposium of Macedonian Association of Structural Engineers (MASE 2015), Ohrid, Macedonia, 01-03 Oct 2015.
- International Conference on Earthquake Engineering and Seismology (IZIIS50), Kiel, 12-16 May 2015.
- 10 years SEEFORM, Scientific conference, 9-10.10. 2014, Skopje,

Macedonia.

- Second European Conference on Earthquake Engineering and Engineering Seismology, Istanbul, Turkey, August 25-29, 2014.
- International Conference: "Skopje Earthquake - 50 Years of European Earthquake Engineering" (SE-50EEE), 29-31.05. 2013, Skopje, Republic of Macedonia.
- 15th World Conference on Earthquake Engineering, 24-28.09.2012, Lisbon, Portugal.
- 14th European Conference on Earthquake Engineering, 30.08-03.09.2010, Ohrid, Republic of Macedonia.
- 13 International Symposium of Macedonian Association of Structural Engineers, (MASE-2009), 14-17 October, Ohrid, Republic of Macedonia, 2009.
- 1st German - South East European Conference on Civil and Environmental Engineering Sciences, 08-09.12.2008, Bochum, Germany.
- 12 International Symposium of Macedonian Association of Structural Engineers (MASE-2007), September, Struga, Republic of Macedonia.

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#### Seminars & Workshops:

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- Expert forum „Seismic Resistance of Buildings“ organised by Civil Engineering Faculty in Skopje, Institute for Testing Materials and Development of New Technologies – Skopje, Institute of Earthquake Engineering and Engineering Seismology (IZIIS) and Titan Cement Company Usje, 16.11.2016, Hotel Holiday Inn, Skopje, Macedonia.

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#### Selected Publications:

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##### Journals :

- Bojadjieva, J., Bogdanovic, A., **Edip, K.**, Sheshov, V., Rakicevic, Z., Farsangi, E. N., ... & Naumovski, N. (2023). Seismic site investigation and structural amplification based on geotechnical and structural health monitoring. Data-Centric Structural Health Monitoring: Mechanical, Aerospace and Complex Infrastructure Systems
- Bojadjieva, Julijana, Vlatko Sheshov, **Kemal Edip**, and Toni Kitanovski. 2022. "Verification of a System for Sustainable Research on Earthquake-Induced Soil Liquefaction in 1-g Environments" Geosciences 12, no. 10: 363.
- Vitanova, M., Bogdanovic, A., Bozinovski, Z. **Edip K.**, Bojadjieva J. et al. Seismic performance validation for RC building structures damaged by Durres earthquake, Mw6.4, 26 November 2019, Albania. Bull Earthquake Eng 20, 6527–6554 (2022). <https://doi.org/10.1007/s10518-022-01453-5>
- **K Edip**, V Sheshov, W Wu, J Bojadjieva. Numerical modelling of saturated boundless media with infinite elements, Acta Geotechnica, 2021, <https://doi.org/10.1007/s11440-020-01139-9>
- Bojadjieva, J., Sheshov, V., **Edip, K.** and Dojchinovski, D. Local Site Effects in Definition of Seismic Design Parameters for Historical Monuments, Soil Mechanics and Foundation Engineering, Vol. 57, Issue 5, p.407-414, 10.1007/s11204-020-09685-w
- Vitanova, M., **K. Edip**, V. Hristovski, R. Salic (2019). Seismic Response of Isolated Bridges Including Soil-Structure Interaction (SSI) Effects, Scientific Journal of Civil Engineering, Volume 8, Issue 2, March, 2020.
- **Edip, Kemal**, et al. "A new approach in simulation of soil-structure interaction problems including damper effects." International Journal of Earthquake and Impact Engineering 3.1 (2020): 1-14.
- Sheshov, V., M. Vitanova, R. Salic, **K. Edip**, S. Micajkov, B. Petreski (2019). Safety Assessment of Bridge Structures Exposed to Earthquake

Hazard, Scientific Journal of Civil Engineering, Volume 8, Issue 2, March, 2020

- **K.Edip**, V.Sesov, C.Butenweg and J. Bojadjieva, "Development of coupled numerical model for simulation of multiphase soil" Journal of Computers and Geotechnics, Volume 96, April 2018, Pages 118-131. (if. 2.53)
- **K.Edip**, M.Garevski, V.Sesov and J. Bojadjieva, "Boundary Effects in Simulation of Soil-Structure Interaction Problems" Journal of Soil Mechanics and Foundation Engineering, Springer, September 2017, Volume 54, Issue 4, pp 239–243 (if. 0.53)
- **K. Edip**, Mihail Garevski, Vlatko Sheshov, Julijana Bojadjieva and Toni Kitanovski, "Numerical Investigation of Reservoir Problems" Academia Journal of Scientific Research 5(2): 034-038, February 2017. DOI: 10.15413/ajsr.2016.0152
- Aydin Demir, Hakan Ozturk, Aleksandra Bogdanovic, Marta Stojmanovska and **Kemal Edip**. Sensitivity of Dilation Angle in Numerical Simulation of Reinforced Concrete Deep Beams. Scientific Journal of Civil Engineering, October 2017
- A.Bogdanovic, **K.Edip**, M.Stojmanovska, "Simulation of Soil structure interaction problems considering material properties", Journal of Scientific and Engineering Research, 2016
- M.Stojmanovska, A.Bogdanovic, **K.Edip**, D.Doichinovski "State-of-the-art Review on Seismic Behaviour of XLAM Structures", Scientific Journal of Civil Engineering, Volume 5, Issue 1, July 2016
- A.Demir,N.Caglar,H.Ozturk,**K.Edip**,M.Stojmanovska,A.Bogdanovic "Effect of Viscosity parameter on Numerical Simulation of RC Deep Beam Behavior in ABAQUS", 4th International Symposium on Innovative Technologies in Engineering and Science (ISITES2016 Pecs-Hungary), 01.-03.09.2016
- **K.Edip**, M.Garevski, C.Butenweg, V.Sesov, J.Cvetanovska and I.Gjorgjiev, "Numerical simulation of Geotechnical Problems by Coupled Finite and Infinite Elements", Journal of Civil Engineering and Architecture, Volume 7, No.2 pp.68-77, Feb.2013
- V.Shesov, V.Gadza, I.Zafirova, J.Bojadzieva, **K. Edip**, "Laboratory experiments on soil dynamic characteristics of NPP site", Scientific Journal of Civil engineering, Volume 3, Issue 2, December 2014. ISSN:1857-839X

#### Conference proceedings :

- Aleksandra Bogdanović, **Kemal Edip**, Marta Stojmanovska, Vlatko Sheshov. Effects and Importance of Material Selection in Simulation of Soil Structure Interaction Problems, Symposium 2020, 13-15 May 2021, Arandjelovac, Serbia (Online)
- Vlatko Sesov, Barbara Borzi, Ricardo Monteiro, Marija Vitanova, Radmila Salic, **Kemal Edip**. NEW PRACTICAL TOOL FOR INCREASING RESILIENCE OF ROAD NETWORK, Symposium 2020, 13-15 May 2021, Arandjelovac, Serbia (Online)
- Julijana Bojadjieva, **Kemal Edip**, Vlatko Sheshov, Irena Gjorgjeska, Toni Kitanovski, Dejan Ivanovski and Borce Veljanovski, IZIS in situ Geo Laboratory, 1st Croatian Conference on Earthquake Engineering, 1CroCEE, Zagreb, Croatia - March 22nd to 24nd, 2021 (Online)
- Vlatko Sheshov, Roberta Apostolska, Zivko Bozinovski, Marija Vitanova, Blagojce Stojanoski, **Kemal Edip**, Aleksandra Bogdanovic, Radmila Salic, Goran Jekic, Trajce Zafirov, Aleksandar Zlateski, Goran Chapragoski, Daniel Tomic, Aleksandar Zurovski, Jovan Trajcevski, Post-earthquake mission in Durres, Albania, from Science to practice, 1st Croatian Conference on Earthquake Engineering, 1CroCEE, Zagreb, Croatia - March 22nd to 24nd, 2021 (Online)
- **Kemal EDIP** , Vlatko SHESHOV , Julijana BOJADJIEVA , Toni KITANOVSKI , Dejan IVANOVSKI and Irena GJORGJESKA, Pore pressure

- effects in seismic simulation of an earth dam, 1st Croatian Conference on Earthquake Engineering, 1CroCEE, Zagreb, Croatia - March 22nd to 24nd, 2021 (Online)
- A.Bogdanovic, **K.Edip**, R.Salic and M.Stojmenovska, Improved SSI analysis based on UHS time history selection, 1st Croatian Conference on Earthquake Engineering, 1CroCEE, Zagreb, Croatia - March 22nd to 24nd, 2021 (Online)
  - Irena Gjorgjeska, Vlatko Sheshov, **Kemal Edip** and Julijana Bojadjieva. Combined seismic methods for 3D modeling of quarternary deposits: application to Skopje sedimentary basin, 1st Croatian Conference on Earthquake Engineering, 1CroCEE, Zagreb, Croatia - March 22nd to 24nd, 2021 (Online)
  - **Kemal Edip**, Vlatko Sheshov, Julijana Bojadjieva, Toni Kitanovski, Jordanka Chaneva and Dejan Ivanovski, Effects of SSI on Multistorey Frames with Soft Storey, 2nd International Conference on Seismic Design of Industrial Facilities Aachen, 04.-05.03.2020 (online)
  - Julijana Bojadjieva, Vlatko Sheshov, **Kemal Edip**, Irena Gjorgjeska, Jordanka Chaneva, Toni Kitanovski, Dejan Ivanovski, Earthquake induced landslides and liquefaction – GIS based analysis, International Conference Geosciences and Earthquake Engineering, Challenges For Balkan Region ICGEE – 2020 November 26-28, Tirana (Online)
  - **Kemal Edip**, Vlatko Sheshov, Julijana Bojadjieva, Irena Gjorgjeska, Toni Kitanovski, Dejan Ivanovski. Advanced Numerical Simulation in Assessment of Earthquake Effects in an Earth Dam, International Conference Geosciences and Earthquake Engineering, Challenges For Balkan Region ICGEE – 2020 November 26-28, Tirana (Online)
  - **Kemal Edip**, Aleksandra Bogdanovic, Radmila Salic, Marta Stojmanovska, Vlatko Sheshov. Application of hazard models in considering soil structure interaction analysis of a multi storey frame with viscous dampers. International Conference Geosciences and Earthquake Engineering, Challenges For Balkan Region ICGEE – 2020 November 26-28, Tirana, Albania (Online)
  - Irena Gjorgjeska, Vlatko Sheshov, **Kemal Edip**, Julijana Bojadjieva, Toni Kitanovski, Dejan Ivanovski. Using Combined Seismic Methods for Site Characterization. A Case Study in Skopje, R. North Macedonia. International Conference Geosciences and Earthquake Engineering, Challenges For Balkan Region ICGEE – 2020 November 26-28, Tirana (Online)
  - **Kemal EDIP**, Vlatko SHESHOV, Julijana BOJADJIEVA, Toni KITANOVSKI, Dejan IVANOVSKI. The Role of Geotechnical Earthquake Engineering in Assessment of Earthquake Damages, INTERNATIONAL SYMPOSIUM ON DURRËS EARTHQUAKES AND EUROCODES - ISDEE, Sept.21-22, 2020, Tirana, Albania (Online)
  - Vlatko SESOV, Roberta APOSTOLSKA, Zivko BOZINOVSKI, Blagojce STOJANOVSKI, Marija VITANOVA, **Kemal EDIP**, Aleksandra BODANOVIC, Goran JEKIC, Trajche ZAFIROV, Aleksandar ZUROVSKI, Goran CHAPRAGOSKI, Aleksandar ZLATESKI, Jovan TRAJCEVSKI, Daniel TOMIC, Igor MARKOVSKI. Field Mission from the Durres Earthquake on 26th of November, INTERNATIONAL SYMPOSIUM ON DURRËS EARTHQUAKES AND EUROCODES - ISDEE, Sept.21-22, 2020, Tirana, Albania (Online)
  - Vitanova, M., Sesov, V., Monteiro, R., Borzi, B., Abarca, A., Salic, R., **Edip, K.**, O'Reilly, G., Zuccolo, E. (2020). Identification of Critical Infrastructure Nodes and Optimisation of Resources using INFRA-NAT Web Based Platform, The 7th International Conference "Civil Engineering - Science and Practise", Kolasin, Montenegro, 10-14 March 2020
  - V.Sheshov, Z. Zugic, A. Bogdanovic, R. Shalic, M.Stojmanovska, **K.Edip**, (2019) Hazard models implementations for Skopje region considering SSI of multistory frame with viscous dampers, Geotechnical aspects in



- engineering, 13-15 November ,2019, Vrnjacka Banja, R. Serbia
- V. Sesov, I. Gjorgjeska, J. Bojadjieva, T. Kitanovski, J. Chaneva, D. Ivanovski, **K. Edip** (North Macedonia), "GROUND-PENETRATING RADAR AND ITS APPLICATION IN ENGINEERING. GPR AT IZIIS", Geotechnical aspects in engineering, 13-15 November ,2019, Vrnjacka Banja, R. Serbia
  - D. Ivanovski, T. Kitanovski, J. Chaneva, V. Sheshov, J. Bojadjieva, **K. Edip** (North Macedonia), "VREDNOVANJE I ANALIZA GRAĐEVINSKIH JAMA ZA KOMPLEKS ZGRADA SASTAVLJENIH OD NEKOLIKO BLOKOVA", Geotechnical aspects in engineering, 13-15 November ,2019, Vrnjacka Banja, R. Serbia.
  - V. Šešov, J. Bojadjieva, **K. Edip**, T. Kitanovski, J. Chaneva (North Macedonia), "EXPERIMENTAL INVESTIGATION ON SEISMIC BEHAVIOR OF NATURAL SAND DEPOSITS", Geotechnical aspects in engineering, 13-15 November ,2019, Vrnjacka Banja, R. Serbia
  - Julijana Bojadjieva, Vlatko Sheshov, **Kemal Edip**, Toni Kitanovski, Jordanka Chaneva, ICELAND September 2019, "Comparison of cyclic simple shear and triaxial tests on natural sand" Proceedings of the XVII ECSMGE-2019
  - Vlatko Sheshov, Julijana Bojadjieva, **Kemal Edip**, Toni Kitanovski, Jordanka Chaneva, ICELAND September 2019, "Physical modelling and 1-G testing using the new type of laminar container " Proceedings of the XVII ECSMGE-2019
  - SESOV Vlatko, GJORGJESKA Irena, BOJADJHIEVA Julijana, KITANOVSKI Toni, CHANEVA Jordanka, IVANOVSKI Dejan, **EDIP Kemal** (2019). Ground penetrating radar and its application in engineering practise, 18th International Symposium of Macedonian Association of Structural Engineers (MASE 2019), Ohrid, Macedonia, 02-05 Oct 2019
  - **EDIP Kemal**, SHESHOV Vlatko, BOJADZHIEVA Julijana, KITANOVSKI Toni, CHANEVA Jordanka, IVANOVSKI Dejan (2019). Soft Storey Effects On Seismic Analysis Of Multistorey Frame In SSI Problems, 18th International Symposium of Macedonian Association of Structural Engineers (MASE 2019), Ohrid, Macedonia, 02-05 Oct 2019
  - Radmila Salic, **EDIP Kemal**, (2019). Seismic hazard and earthquake accelerogram selection for structural analysis of bridges in Republic of N. Macedonia, 18th International Symposium of Macedonian Association of Structural Engineers (MASE 2019), Ohrid, Macedonia, 02-05 Oct 2019
  - Aleksandra Bogdanovic, Radmila Salic, Marta Stojmanovska and **Kemal Edip** (2019). Implementation of Hazard Models Considering Soil Structure Interaction Analysis of a Multistorey Frame, SE-3, 18th International Symposium of Macedonian Association of Structural Engineers (MASE 2019), Ohrid, Macedonia, 02-05 Oct 2019.
  - Vitanova, M., S. Micajkov, A. Abarca, V. Sesov, R. Monteiro, R. Salic, **K. Edip**, B. Petreski (2019). Classification of Existing Bridges in R. N. Macedonia using Improved Bridge Inventory Database, MT-38, 18th International Symposium of Macedonian Association of Structural Engineers (MASE 2019), Ohrid, Macedonia, 02-05 Oct 2019.
  - Salic, R., **K. Edip**, E. Zuccolo, V. Sesov, R. Monteiro, M. Vitanova, S. Micajkov, B. Petreski (2019). Seismic Hazard and Earthquake Accelerogram Selection for Structural Analysis of Bridges in Republic of N. Macedonia, SE-25, 18th International Symposium of Macedonian Association of Structural Engineers (MASE 2019), Ohrid, Macedonia, 02-05 Oct 2019.
  - Vitanova, M., R. Salic, **K. Edip**, S. Micajkov, V. Sesov, B. Petreski, T. Zafirov, M. Dimitrovski, D. Tomic, J. Trajcevski, A. Nanevska (2019). N. Macedonian Bridge Exposure Database and its Relation to the Seismic Hazard Estimates, SECED Conference, 9-10 Sept. 2019, Greenwich, London, UK.
  - Jordanka Chaneva, Julijana Bojadjieva, Vlatko Sheshov, **Kemal Edip**,

- Toni Kitanovski, Bodrum, Turkey, 26-27 September "Liquefaction hazard assessment and zoning based on in-situ investigations – Case study", Proceedings of the 27th European Young Geotechnical Engineers Conference;
- Jordanka Chaneva, Julijana Bojadjieva, Vlatko Sheshov, **Kemal Edip**, Toni Kitanovski, Dejan Ivanovski, Weimar, Germany, 5-16 August 2019 "CPT and SPT in-situ methods for liquefaction potential assessment" VERLAG, Weimar
  - Julijana Bojadjieva, Vlatko Sheshov, **Kemal Edip**, Toni Kitanovski, Jordanka Chaneva, Dejan Ivanovski, "Hazard and risk assessment of earthquake geotechnical hazards" Proceedings of the 16th International Symposium on Water Management and Hydraulic Engineering, 5-7th September 2019, Skopje
  - **Kemal Edip**, Vlatko Sheshov, Julijana Bojadjieva, Toni Kitanovski, Jordanka Chaneva and Dejan Ivanovski, "Numerical simulation of soil consolidation as a geotechnical phenomenon", Proceedings of the 16th International Symposium on Water Management and Hydraulic Engineering, 5-7th September 2019, Skopje
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TABLE” , IZIIS 50 International conference on Earthquake Engineering and Seismology

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Supervising PhD and MSc Students:

- Elefterija Zlatanovic (2016), PhD member of committee
- Ilir Hetemi (2016), MSc member of committee
- Tomislav Petrovski (2018), MSc member of committee
- Toni Kitanovski (2018), MSc member of committee
- Marina Poposka (2019), MSc member of committee
- Ivana Kostic (2020), MSc member of committee
- Artur Roshi (2020), PhD member of committee
- Dejan Ivanovski (2022), MSc mentor and member of committee
- Elena Angelova (2023), PhD member of committee

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Last Update:

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