

# Goran Jekic

Assoc. Prof. Dr.

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## Goran Jekic

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## Personal Details

Sex: Male  
Date of Birth: 13.07.1978  
Nationality: Republic of North Macedonia

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## Work Experience

### Structural Engineer – cooperator for structural design

MAKEDONIJAPROEKT, AD Skopje  
January 2006 - November 2006

### Construction yard executive

DG BETON, AD, Skopje  
November 2006 - March 2007

### Professional cooperator for applicative and scientific projects

Institute of Earthquake Engineering and Engineering Seismology (IZIIS), SS Cyril and Methodius University in Skopje, Department: Building Structures and material, design, analysis and testing  
September 2007 - June 2011

### Assistant

Institute of Earthquake Engineering and Engineering Seismology (IZIIS), SS Cyril and Methodius University in Skopje, Department: Building Structures and material, design, analysis and testing  
June 2011 – May 2018

### Assistant Professor

Institute of Earthquake Engineering and Engineering Seismology (IZIIS), SS Cyril and Methodius University in Skopje, Department: Building Structures and material, design, analysis and testing  
May 2018 – March 2023

### Associate Professor

Institute of Earthquake Engineering and Engineering Seismology (IZIIS), SS Cyril and Methodius University in Skopje, Department: Building Structures and material, design, analysis and testing  
March 2023 – still present

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## Education

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### Doctor in Technical Sciences / PhD

August 2016  
Ss. Cyril and Methodius University in Skopje  
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)  
<http://www.iziis.edu.mk/>

## Master of Science in Earthquake Engineering / MSc

Ss. Cyril and Methodius University in Skopje

Institute of Earthquake Engineering and Engineering Seismology (IZIIS)

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

## Master of Science in Disaster Management Policy – Earthquake Engineering / MSc

September 2012

National Graduate Institute for Policy Studies – GRIPS, Tokyo, Japan

International Institute of Seismology and Earthquake Engineering/Building Research Institute, Tsukuba, Japan, covered by the (with financial support provided by Japan International Cooperation Agency - JICA)

<https://www.grips.ac.jp/en>

<https://iisee.kenken.go.jp>

## Graduate Civil Engineer

July 2005

Ss. Cyril and Methodius University in Skopje

Faculty of Civil Engineering, Skopje, North Macedonia

<http://gf.ukim.edu.mk/>

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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
Serbian	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 (structural engineering, design and analysis, structural health monitoring, structural dynamic, experimental mechanics, earthquake resistant design of structures, structural analysis, development of software and applications, post-earthquake usability and damage evaluation of buildings, post-earthquake repair and strengthening of damaged structures, pre-earthquake assessment of buildings)
- Management, Coordination, Quality Control

#### Computer Skills:

- ETABS, SAP2000 and Tower-Radimpex (structural analysis software)
- AutoCAD (Technical Design Software)
- MATLAB (programming language)
- Microsoft Office™ tools

#### Other Skills:

- Graphic Design

#### Driving License:

- A & B (European Union Classification)

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### Trainings & Study Stays

- **(October 2011 – September 2012)** Master studies at the International Institute of Seismology and Earthquake Engineering/Building Research

Institute, Tsukuba, Japan, covered by National Graduate Institute for Policy Studies – GRIPS, Tokyo, Japan, with financial support provided by Japan International Cooperation Agency (JICA)

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## Honors & Awards

- **(2017)** MASE Award for a special achievement in science in 2016 for scientific research work
- **(2017)** MASE Award for a special achievement in structural engineering in 2016 for scientific research work

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## Memberships

### Active Memberships:

- Macedonian Association of Earthquake Engineering (MAEE), **Member**.
- Macedonian Association of Civil Engineers (MASE), **Member**.
- EAEE (European Association of Earthquake Engineers)
- Chamber of Certified Architects and Certified Engineers of North Macedonia

### Past Memberships:

- 18 MASE (Macedonian Association of Structural Engineers) International Symposium, 2019, **Organising Committee Member**

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## Selected Projects

- SERA: The Seismology and Earthquake Engineering Research Infrastructure Alliance for Europe, Horizon 2020 - INFRAIA-01-2016-2017 „Integrating Activities for Advanced Communities“/ 2017-2020.
- CRISIS: Comprehensive RISK assessment of basic services and transport InfraStructure; UCPM-2020-PP-AG; GA-101004830, European Union Civil Protection Mechanism (UCPM)/2020-2022.
- Behavior of tall buildings under the action of seismic forces and wind forces, international research project of the Institute of Earthquake Engineering and Engineering Seismology (UKIM-IZIIS) in cooperation with the Shenzhen Research Center, Hong Kong Polytechnic University (PoLU Shenzhen Research Institute) / 2016-2017
- Methods for prediction of the structural response to seismic excitations and damage detection potential using experimentally determined sets of modal parameters, funded by the University "Ss. Cyril and Methodius" – Skopje /2019

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## Conferences:

- 1st Civil Engineering International Conference - Science and Practice, Vol. 1, pages 141-146. Zabljak, Montenegro, 2006
- 13th MASE (Macedonian Association of Structural Engineers) International Symposium. Ohrid, Republic of North Macedonia, 2009
- International Conference on Earthquake Engineering. Planning, Design, Construction and Rehabilitation of Buildings and other Engineering Facilities in Seismically active regions. Banja Luka, Bosnia and Hercegovina, 2009
- 14th European Conference on Earthquake Engineering, Paper ID 1853. Ohrid, Republic of North Macedonia, 2010
- 14th MASE (Macedonian Association of Structural Engineers) International Symposium. Ohrid, Republic of North Macedonia, 2011
- 10th International Conference on Urban Earthquake Engineering, 10CUEE. Tokyo Institute of Technology. Tokyo, Japan, 2013
- International Conference on Earthquake Engineering. Skopje, Republic of Macedonia, 2013

- 2nd European Conference on Earthquake Engineering and Seismology. Istanbul, Turkey. 2014
- International Conference on Earthquake Engineering and Seismology IZIS-50. Baltic Sea, 2015
- 17th MASE (Macedonian Association of Structural Engineers) International Symposium. Ohrid, Republic of North Macedonia, 2017
- 36 General Assembly of the European Seismological Commission. Valetta-Malta, 2018
- 10th Jubilee International Scientific Conference „Civil Engineering Design and Construction“ (Science and Practice), Varna, Bulgaria, 2018
- iNDiS 2018, 14th International scientific conference on planning, design, construction and building renewal, Novi Sad, Serbia, 2018
- 18th MASE (Macedonian Association of Structural Engineers) International Symposium. Ohrid, Republic of North Macedonia, 2019
- 17th World Conference on Earthquake Engineering, 17WCEE. Sendai, Japan, 2020
- International Symposium on Durrës Earthquakes and Eurocodes - ISDEE. Tirana, Albania, 2020 (online event)
- 1st Croatian Conference on Earthquake Engineering, 1CroCEE. Zagreb, Croatia, 2021. (online event)
- Protocol for Evaluation of Seismic Resistance of Existing Buildings - Seismic Certificate. 19th MASE (Macedonian Association of Structural Engineers) International Symposium, Ohrid, Republic of North Macedonia, 2022.
- IZIS' Seismic Assessment Protocol for Existing Building Structures. 3rd European Conference on Earthquake Engineering and Seismology. Bucharest, Romania, 2022

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#### Seminars & Workshops:

- 21st European Earthquake Engineering Seminar, “Seismic Assessment and Retrofit of Bridges”, Işık University, Şile Campus, Istanbul, Turkey, 2010
- Training on categorization of damage to private buildings in the Bitola region as a result of the earthquake in Lerin from 9.1.2022 on the topic: Recommendations and guidelines from IZIS for masonry structures. 7.2.2022.
- CRISIS Final Workshop, Skopje and Bitola, 20-21 October, 2022. Topic: Post-Earthquake Response in CBR (Bitola Case Study).
- Experimental testing based on impact and resistance: wind, fire and earthquake WiSe2022, course: Earthquake III (Large scale shake table test experiments of RC and masonry buildings), Part 1: Damages in RC and Masonry structures due to the earthquakes, PARFORCE 2022, Erasmus+ SP Pilot Course, 2022-2023.
- Training for structural engineers for the application of Eurocodes: Lecture on the practical application of EN 1998-1:2004 for a design of concrete buildings (Skopje, Stip, Bitola), Chamber of Certified Architects and Certified Engineers, 2023
- Workshop: Presentation of the New Greek Code for the Assessment and Structural Interventions of Masonry Structures (KADET) and ECPFE and ECILS North Macedonia, Presentation: Seismic Retrofitting of the Parliament Building of Republic of North Macedonia - Necessity, Solutions and Construction, , Athens, Greece, 13.09.2023

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#### Journals:

#### Selected Publications:

- Jekic G., Sendova V., Tashkov Lj. Contribution of Seismic Strengthening of Monuments for their Blast Resistance. „Structural Engineer“, Journal of Macedonian Association of Structural Engineers, No. 9/2010, pp. 576-583
- Shendova V., Cvetanovska G.N., Bozinovski Z., Jekikj G., Zlateski A. Analytical and Experimental Verification of Seismic Stability of Residential Building

- After Construction of Additional Stories – Case Study. *Izgradnja* 68 (2014) 5-6, pp. 267-276, Belgrade, 2014
- Jekikj G., Garevski M. Damage Evaluation in High-Rise Buildings Using One Modal Eigenpair. *Advances in Structural Engineering*. SAGE Journals, 19(10), pp. 1661-1673, DOI: 10.1177/1369433216648433, 2016
  - Sheshov V., Apostolska R., Bozinovski Z., Vitanova M., Stojanoski B., Edip K., Bogdanovic A., Salic R., Jekic G., Zafirov T., Zlateski A., Chapragoski G., Tomic D., Zurovski A., Trajchevski J., Markovski I. Reconnaissance Analysis on Buildings Damaged during Durres Earthquake Mw6.4, 26 November 2019, Albania: Effects to Non-Structural Elements. *Bulletin of Earthquake Engineering* 20, pp. 795–817 (2022), Case Study Reports. Springer, <https://doi.org/10.1007/s10518-021-01271-1>
  - Isaković. T., Gams M., Janevski A., Rakićević Z., Bogdanović A., Jekić G., Kolozvari K., Wallace J., Fischinger M. (2021). Shake table test of RC walls' coupling provided by slabs. *Building Materials and Structures* 64(4) pp. 225-234, original scientific paper, doi: 10.5937/GRMK2104225I, UDK: 624.012.45.042.7.

#### Books:

- Gjorgjiev I., Jekic G. Application of MATLAB for solving problems in structural and earthquake engineering. Textbook for students, Institute of Earthquake Engineering and Engineering Seismology (IZIIS), SS Cyril and Methodius University in Skopje, 2020
- Dumova-Jovanovska E., Jekic G. Eurocode 8 design manual for structural engineers. Chamber of Certified Architects and Certified Engineers of North Macedonia, 2023

#### Book chapters:

- Mihail Garevski, Zoran Milutinovic, Goran Jekic (2013), "Definition of Dynamic Characteristics of Reinforced Concrete Building in Vinja Del Mar, Chile, Using Low Intensity Ground Shaking Records". *Earthquakes and Health Monitoring of Civil Structures*. DOI 10.1007/978-94-007-5182-8. © Springer Environmental Science and Engineering. Chapter 9, p. 217-240.

#### Conference proceedings :

- Goran Jekic. Project of Steel Construction Industrial Hall with Annexes. *Proceedings of the 1. Civil Engineering International Conference - Science and Practice*, Vol. 1, pages 141-146. Zabljak, Montenegro, 2006.
- Danilo Ristic, Marija Jovanovic, Goran Jekic. Seismically Safe Cities of the Future. *Proceedings of the 2. Civil Engineering International Conference - Science and Practice*, Vol. 1, pages 457-462. Zabljak, Montenegro, 2008.
- V. Sendova & G. Jekic. Effectiveness Of Seismic Strengthening Of Monuments For Blast Resistance. *Proceedings of the International Symposium within the COST Action C26 "Urban Habitat Constructions under Catastrophic Events"*, pages 310-314. Malta, 2008.
- Veronika Shendova, Goran Jekic, Blagojce Stojanoski. Quasi-Static Testing of Masonry Wall Elements, Constructed during Reconstruction of St. Athanasius Church in Leshok. *Proceedings of the XIII MASE (Macedonian Association of Structural Engineers) International Symposium*, Vol. 2, pages 577-582. Ohrid, Republic of Macedonia, 2009.
- P. Gavrilovic, G. Jekic., B. Ceko, M Ackay. Structural consolidation and seismic strengthening of Fatih (Prishtina) and Pasha (Prizren) Mosques - Kosovo. *PROHITECH 09. Protection of Historical Buildings*. *Proceedings of the International Conference on Protection of Historical Buildings*, Vol. 2, pages 1281-1286. Rome, Italy, 2009.

- Veronika Šendova, Predrag Gavrilović, Blagojče Stojanoski, Goran Jekić. Integrated Approach to Repair and Seismic Strengthening of Mustafa Pasha Mosque in Skopje. Proceedings of the International Conference on Earthquake Engineering. Planning, Design, Construction and Rehabilitation of Buildings and other Engineering Facilities in Seismically active regions, pages 233-243. Banja Luka, Bosnia and Hercegovina, 2009.
- G. Jekic, V. Shendova, L. Tashkov. Effectiveness of Seismic Strengthening of Monuments for Their Blast Resistance. Proceedings of the 14. European Conference on Earthquake Engineering, Paper ID 1853. Ohrid, Republic of Macedonia, 2010.
- V. Micov, Lj. Tashkov & L. Krstevska R. Salic & G. Jekic. Diagnosis of Existing State and Strengthening Solution for 180 m High Reinforced Concrete Chimney. Proceedings of the 14. European Conference on Earthquake Engineering, Paper ID 1857. Ohrid, Republic of Macedonia, 2010.
- V. Sendova, G. Jekic, L. Tashkov. Effectiveness of seismic strengthening of monuments for their blast resistance. COST ACTION C26 "Urban Habitat Constructions under Catastrophic Events. Proceedings of the Final Conference, pages 961-966. Naples, Italy, 2010.
- Zivko BOZINOVSKI, Veronika SHENDOVA, Blagojce STOJANOSKI, Golubka NECEVSKA CVETANOVSKA, Roberta APOSTOLSKA, Elena GJORGJIEVSKA, Goran JEKIK. Strengthening of the Parliament of The Republic Of Macedonia – Technical Solution And Construction. Proceedings of the XIV MASE (Macedonian Association of Structural Engineers) International Symposium, Vol. 2, pages 291-298. Struga, Republic of Macedonia, 2011.
- Z. Bozinovski, V. Shendova, G. Necevska Cvetnovska, R. Apostolska, E. Gjorgjievaska & G. Jekic. Seismic Strengthening of the Parliament Building of Republic of Macedonia: Necessity, Solution and Construction. in Proc. of 15. World Conference on Earthquake Engineering. Lisboa, Portugal, 2012.
- Goran Jekikj, Koichi Morita, Mihail Garevski. System Identification, Structural Health Monitoring and Damage Detection of a Steel Reinforced Concrete Structure of Urban Disaster Prevention Research Center in Tsukuba, Japan. 10th International Conference on Urban Earthquake Engineering, 10CUEE Conference Proceedings, Paper ID.: 19-206, pages 1703-1711. Tokyo Institute of Technology. Tokyo, Japan, 2013
- Goran JEKIKJ, Mihail GAREVSKI, Koichi MORITA. Damage Detection of the Structure of Urban Disaster Prevention Research Center in Tsukuba, Japan. Proceedings of the 15 MASE (Macedonian Association of Structural Engineers) International Symposium, Paper ID: SI-15. Struga, Republic of Macedonia, 2013.
- Veronika SHENDOVA, Golubka N. CVETANOVSKA, Zivko BOZINOVSKI, Goran JEKIKJ, Elena GJORGJIEVSKA, Blagojce STOJANOSKI, Aleksandar ZLATESKI. Analytical and Experimental Verification of Seismic Stability of Residential Building After Construction of Additional Stories. Proceedings of the XV MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. SI-28. Struga, Republic of Macedonia, 2013.
- V. Shendova, G. N. Cvetanovska, Z. Bozinovski, G. Jekic, E. Gjorgjievaska, B. Stojanoski, A. Zlateski, M. Vitanova. Analytical and Experimental Verification of Seismic Stability of Residential Building after Construction of Additional Stories – Case Study. Proceedings of the International Conference on Earthquake Engineering. Paper No. 596. Skopje, Republic of Macedonia, 2013.
- Mihail Garevski, Vančo Čifliganec, Goran Jekić, Igor Đordžijev, Nikola Naumovski, Aleksandar Žurovski. Determination of the Dynamic Parameters of Nine Storey Building Applying Forced Vibrations. Proceedings of the 5. Civil Engineering International Conference., Paper No. 252. Zabljak, Montenegro, 2014.
- Mihail Garevski, Vanco Cifliganec, Goran Jekikj, Igor Gjorgjiev, Nikola Naumovski, Aleksandar Zurovski. Experimental In-Situ Testing of Nine Storey Building by Forced and Ambient Vibration Methods. in Proc. of Second European Conference on Earthquake Engineering and Seismology,

- Paper No. 2126. Istanbul, Turkey. 2014.
- Veronika SHENDOVA, Zivko BOZINOVSKI, Roberta APOSTOLSKA, Aleksandar ZLATESKI, Goran JEKIKJ. Seismic Safety and Stability of Existing Structure of St. Mary Peribleptos Church in Ohrid. Proc. of Second European Conference on Earthquake Engineering and Seismology. Istanbul, Turkey. 2014.
  - M. Garevski, G. Jekikj, I. Gjorgjiev, A. Zurovski and N. Naumovski. Forced and Ambient Vibration In-Situ Testing of Ten Storey Residential Building. Proceedings of the International Conference on Earthquake Engineering and Seismology IZIS-50. Paper No. 379. Baltic Sea, 2015.
  - V. Shendova, P. Gavrilovic, B. Stojanoski, R. Apostolska, G. Jekikj. Earthquake Protection of Cultural Heritage - 50 Years Of IZIS' contribution. Proceedings of the International Conference on Earthquake Engineering and Seismology IZIS-50. Paper No. 395. Baltic Sea, 2015.
  - V. Shendova, P. Gavrilovic, G. Jekic. Seismic Retrofitting of 15th Century Mosques using CFRP Composites. Third Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, SMAR 2015. Antalya, Turkey. September 2015.
  - Goran JEKIC. Damage Detection of Building Structures Through Experimental Identification of One Modal Eigenpair. Proceedings of the XVII MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. MA-10. Ohrid, Republic of Macedonia, 2017.
  - Gjorgjiev I., Jekikj G., Zhurovski A. Analytical Verification of Results from Force Vibration Tests by Enhanced Frequency Domain Decomposition Method. Proceedings of the X Jubilee International Scientific Conference „Civil Engineering Design and Construction“ (Science and Practice), pp. 582-591. Varna, Bulgaria, 2018.
  - Jekić G., Shendova V., Zlateski A. Non-Convergent Approach for Evaluation of Damage and Strengthening Effects in Buildings. iNDiS 2018, 14th International scientific conference on planning, design, construction and building renewal, pp. 887-894, Novi Sad, Serbia, 2018.
  - Shendova V., Zlateski A., Jekić G., Delova E. Skopje Monuments Between Two Earthquakes. iNDiS 2018, Proceedings of the 14th International scientific conference on planning, design, construction and building renewal, pp. 467-474, Novi Sad, Serbia, 2018.
  - Gjorgjiev I., Jekikj G., Zhurovski A., Garevski M. Experimental In-Situ Testing of 40 Storey Residential Building by Forced and Ambient Vibration Methods. Proceedings of the XVIII MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. MT-16. Ohrid, Republic of Macedonia, 2019.
  - Rakicevic Z., Bogdanovic A., Jekic G., Georgiev I., Markovski I., Filipovski D., Naumovski N., Petreski B., Dynlab IZIS - as a Part of H2020 "Seismology and Earthquake Engineering Research Infrastructure Alliance For Europe" – Sera. Proceedings of the XVIII MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. SE-21. Ohrid, Republic of Macedonia, 2019.
  - Mircevska V., Nastev M., Nanevska A., Jekic G. Stability of Tailings Dams – Part 1: Evaluation of Eigenvalues. Proceedings of the International Scientific and Expert Conference of DGT BiH (Geotechnical Society of Bosnia and Hercegovina) GEO-EXPO 2019, Paper doi.org/10.35123/GEO-EXPO\_2019\_4. Sarajevo, Bosnia and Hercegovina, 2019.
  - Jekic G., Zurovski A., Runevski K., Zlateski A. The Role of Structural Health Monitoring in Future Assessment of Earthquake Damages. International Symposium on Durrës Earthquakes and Eurocodes - ISDEE. Tirana, Albania, 2020. (online event)
  - Shendova V., Jekic G., Bozinovski Z., Zlateski A., Delova E., Runevski K. Protection of Cultural Heritage from Man-made and Natural Disasters - IZIS' Experience. International Symposium on Durrës Earthquakes and Eurocodes - ISDEE. Tirana, Albania, 2020. (online event)
  - Sesov V., Apostolska R., Bozinovski Z., Stojanovski B., Vitanova M., Edip K., Bodanovic A., Jekic G., Zafirov T., Zurovski A., Chapragoski G., Zlateski A.,

- Trajcevski J., Tomic D., Markovski I. Field Mission from the Durres Earthquake on 26th of November. International Symposium on Durrës Earthquakes and Eurocodes - ISDEE. Tirana, Albania, 2020. (online event)
- Jekic G., Shendova V., Zlateski A. Non-Convergent Method for Evaluation of Damage and Strengthening Effects in Multi-Storey Buildings. Proceedings of the 17th World Conference on Earthquake Engineering, 17WCEE. Paper No. 2c-0054. Sendai, Japan, 2020.
  - Shendova V., Zlateski A., Jekic G. Experimental Verification of Inovative Technique for Seismic Retrofitting of Traditional Masonry Buildings. Proceedings of the 17th World Conference on Earthquake Engineering, 17WCEE. Paper No. 3f-0010. Sendai, Japan, 2020.
  - Isaković T., Gams M., Janevski A., Rakićević Z., Bogdanović A., Jekić G., Kolozvari K., Wallace J., Fischinger M. Large Scale Shake Table Test of Slab-to-Piers Interaction in RC Coupled Walls. Proceedings of the 17th World Conference on Earthquake Engineering, 17WCEE. Paper No. 2i-0096. Sendai, Japan, 2020.
  - Gjorgjiev I., Jekic G., Zhurovski A. Identification of Dynamic Properties of RC Buildings in Skopje by In-Situ Testing. Proceedings of 1st Croatian Conference on Earthquake Engineering, 1CroCEE. Zagreb, Croatia, 2021. (online event)
  - Jekic G., Shendova V., Nechevska-Cvetanovska G., Bozinovski Z., Apostolska R., Stojanoski B., Zlateski A., Zhurovski A., Runevski K., Delova E. IZIS' Seismic Assessment Protocol for Existing Building Structures. Proceedings of 1st Croatian Conference on Earthquake Engineering, 1CroCEE. Zagreb, Croatia, 2021. (online event)
  - Shendova V., Zlateski A., Jekic G. Inovative Technique for Seismic Retrofitting of Traditional Masonry Buildings. 1st Croatian Conference on Earthquake Engineering, 1CroCEE. Zagreb, Croatia, 2021. (online event)
  - Shendova V., Jekic G., Zlateski A., Stojanoski B. IZIS' Integrated Approach in Seismic Retrofitting of Historic Buildings and Monuments. 1st Croatian Conference on Earthquake Engineering, 1CroCEE. Zagreb, Croatia, 2021. (online event)
  - Sheshov V., Apostolska R., Bozinovski Z., Vitanova M., Stojanovski B., Edip K., Bogdanovic A., Salic R., Jekic G., Zafirov T., Zlateski A., Capragoski G., Tomic D., Zurovski A., Trajcevski J. Post-Earthquake Mission in Durres, Albania, from Science to Practice. Proceedings of 1st Croatian Conference on Earthquake Engineering, 1CroCEE. Zagreb, Croatia, 2021. (online event).
  - Ceko B., Petkovski R., Attar O., Jekic G., Gavrilovic P. Conservation, structural consolidation and seismic strengthening of Ali Pasha Mosque in Ohrid, North Macedonia. 4th International Conference on Protection of Historical Constructions, PROHITECH 2020. October 2021, Athens, Greece
  - Shendova V., Jekic G., Zlateski A., Gavrilovic P. Application of the methodology developed within the PROHITECH project in seismic retrofitting of mosques. 4th International Conference on Protection of Historical Constructions, PROHITECH 2020. October 2021, Athens, Greece
  - Jekic G., Shendova V., Apostolska R., Zlateski A., Zhurovski A., Delova E., Bojadjeva J. IZIS' Protocol for Evaluation of Seismic Resistance of Existing Buildings - Seismic Certificate. Proceedings of the XIX MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. SE-5. Ohrid, Republic of N. Macedonia, 2022.
  - Grujoska-Kuneska J., Jekic G., Shendova V. Comparative Analysis of Dynamic Characteristics of the St. Nikita Church. Proceedings of the XIX MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. AMS-8. Ohrid, Republic of N. Macedonia, 2022..
  - Zlateski A., Shendova V., Delova E., Jekic G., Zhurovski A. Harmonization of Seismic Vulnerability Assessment of Urban Historic Centers. Proceedings of the XIX MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. SE-14. Ohrid, Republic of N. Macedonia, 2022.
  - Nanevska A., Kitanovski T., Zurovski A., Tomic D., Jekic G., Apostolska R.



Comparison of Different Standards for Seismic Design of Reinforced Concrete Frame Structure. Proceedings of the XIX MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. SE-8. Ohrid, Republic of N. Macedonia, 2022.

- Jekic G., Shendova V., Apostolska R., Zlateski A., Zhurovski A., Delova E., Bojadjieva J. IZIS' Seismic Assessment Protocol for Existing Building Structures. Proceedings of the 3rd European Conference on Earthquake Engineering and Seismology. pp. 1389-1396. Bucharest, Romania, 2022.
- Di Meo A., Borzi B., Quaroni D., Famà A., Sheshov V., Apostolska R., Edip K., Vitanova M., Bojadjieva J., Bogdanovic A., Jekic G., Baballëku M., Shkodrani N., Qirjazi G., Fotopoulou S., Pedritis C., Riga E., Pitilakis D. The Crisis Platform: a Cross-Border Platform for Risk Assessment and Management. Proceedings of 2nd Croatian Conference on Earthquake Engineering, 2CroCEE. Paper No. 32#. Zagreb, Croatia, 2023.
- Sheshov V., Apostolska R., Vitanova M., Jekic G., Zlateski A., Salic R., Stefanoski S., Baballëku M., Shkodrani N., Pitilakis D., Pedritis C. Harmonized Regional Risk Exposure Model of Basic Services and Transport Infrastructure of Cbr between N. Macedonia, Greece and Albania, Proceedings of 2nd Croatian Conference on Earthquake Engineering, 2CroCEE. Paper No. 67#. Zagreb, Croatia, 2023.
- Jekic G., Shendova V., Zlateski A. Seismic Retrofitting of Sultan Murat Mosque' Clock Tower in Skopje using Innovative Materials. Proceedings of 2nd Croatian Conference on Earthquake Engineering, 2CroCEE. Paper No. 115#. Zagreb, Croatia, 2023.
- Shendova V., Apostolska R., Jekic G., Zlateski A., Zurovski A., Delova E. Seismic Retrofitting of Building Structures and Monuments in North Macedonia – Necessity, Solutions and Construction. Proceedings of 2nd Croatian Conference on Earthquake Engineering, 2CroCEE. Paper No. 116#. Zagreb, Croatia, 2023.
- Shendova V., Zurovski A., Zlateski A., Delova E., Jekic G., Apostolska R., Bozinovski Z. Seismic Upgrading of Telecommunication Center in Skopje, North Macedonia. COMPDYN 2023, 9th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering. an ECCOMAS Thematic Conference. Athens, Greece, 2023.
- Apostolska R., Shendova V., Jekic G., Necevska-Cvetanovska G., Bozinovski Z. IZIS for Seismic Resilient Skopje. Proceedings of the XX MASE (Macedonian Association of Structural Engineers) International Symposium, Paper No. RSC-2. Skopje, Republic of N. Macedonia, 2023.
- Zhurovski A., Zlateski A., Delova E., Jekic G., Apostolska R., Shendova V., Bozinovski Z. Seismic Upgrading of Telecommunication Center in Skopje. Proceedings of the 16th International scientific conference on planning, design, construction and building renewal, Fruška Gora, Serbia, 2023.

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Supervising PhD and MSc Students:

- Aleksandar Zhurovski (2023), PhD member of committee
- Goran Capragoski (2023), PhD member of committee
- Slobodan Djurdjevic (2018), MSc member of committee
- Lisa Jusufi (2019), MSc member of committee
- Aleksandar Siljanovski (2021), MSc member of committee
- Nikola Petrov (2023), MSc member of committee

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Last Update:

10.11.2023