

Marta Stojmanovska

Assoc. Prof. Dr.

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Personal Details

Sex: Female
Date of Birth: 12.04.1974
Nationality: Republic of Macedonia

Work Experience

Associate Professor and Head of Department

June 2020 - Present

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
Department: Natural and Technological Hazards and Ecology

Assistant Professor

October 2015 - Present

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
Department: Natural and Technological Hazards and Ecology

Part-time Visiting Professor

September 2016 - December 2016

International Balkan University (IBU) in Skopje
Faculty of Engineering (Architecture)
<https://ibu.edu.mk/>

- Subjects: Theory of Structures I

Research Assistant

September 2007 - October 2015

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

Young Research Assistant

April 2003 - September 2007

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

Education

Doctor in Technical Sciences / PhD

June 2015

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
DAAD South Eastern European Graduate School for Master and PhD
Formation in Engineering
MPA Stuttgart, Otto-Graf Institute, University of Stuttgart, Germany
- DAAD Scholar

Subject of Examination: Experimental and Numerical Research of Dynamic

Response of Wooden Structures Assembled from Cross Laminated Wooden Panels

Master of Science in Earthquake Engineering / MSc

May 2007

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

Subject of Examination: Experimental and Analytical Investigation of Solid Wooden Wall Panel Elements Subjected to Lateral Loads

Graduate Structural Engineer / BSc

April 2001

Ss. Cyril and Methodius University in Skopje
Faculty of Civil Engineering

Subject of Examination: Preliminary project for reinforced concrete hall for warehouse

Personal Skill

Languages:

Mother tongues(s): Macedonian

Other Languages	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1

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 (Processing and analyzing of strong motion data records, Definition of seismic design parameters, Seismic monitoring of structures, Earthquake resistant design of structures)
- Management, Coordination, Quality Control

Computer Skills:

- SAP (Structural Analysis Softwares)
- FELISA 3M (Structural Analysis Softwares)
- Microsoft Office™ tools

Other Skills:

- Excellent interpersonal skills, demonstrated by communicating with clients, colleagues and non-technical professionals, on daily basis. Strong organization skills. Ability to work individually or as a dedicated team member.

Driving License:

- B (European Union Classification)

Trainings & Study Stays

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- (2011) Winter School at the Technical University Munich, Germany
 - (2010) Doctoral study stay, SEEFORM/DAAD PhD Program, MPA Stuttgart, Otto-Graf Institute, University of Stuttgart, Germany
 - (2006) Faculty of Civil and Geodetic Engineering, Ljubljana, Slovenia
 - (2005) Faculty of Civil and Geodetic Engineering, Ljubljana, Slovenia
 - (2004) JICA/ITU Third Country Training Program on Earthquake

Honors & Awards

- (2017) MASE Award for the notable achievement in the civil engineering practice for 2015 for the scientific-research achievement, doctoral thesis: Experimental and Numerical Research of Dynamic Response of Wooden Structures Assembled from Cross Laminated Wooden Panels, Macedonian Association of Structural Engineers.

Memberships

Active Memberships:

- CICOP-Macedonia, Network of International Centres for the Conservation of Architectural Heritage, **Presidency member**.
- Macedonian Association of Earthquake Engineering (MAEE), **Member**.
- Macedonian Association of Civil Engineers (MASE), **Member**.
- Standardization Institute of the Republic of Macedonia (ISRM), **Working group Member**

Past Memberships:

- Member of Organizing Committee of the International 12 week Course on Aseismic Design and Construction CADAC, 2003-2007
- Management Committee member of COST Action FP1004: Enhance mechanical properties of timber, engineered wood products and timber structures.
- Working Group Member of COST Action ES1401 - Time Dependent Seismology (TIDES)
- Member of Organizing Committee, International Conference to mark 40 years of Skopje Earthquake, SE-40EEE, August 26-29, 2003, Ohrid, Macedonia
- Member of Organizing Committee, International Conference on Earthquake Engineering to mark 40 years of IZIS, EE-21C, August 27-September 1, 2005, Ohrid, Macedonia
- Member of Organizing Committee, 4th International Conference on Science and Technology, CEI, August 30 - September 1, 2009, Ohrid, Macedonia
- Member of Organizing Committee, 14th European Conference on Earthquake Engineering, August 29 – September 03, Ohrid, R. Macedonia

Selected Projects

ISRA - Integrative strengthening of seismic risk awareness, UCPM, 2022-2024

Comprehensive Risk Assessment of Basic Services and Transport Infrastructure: CRISIS, funded by European Commission, 101004830 - CRISIS - UCPM-2020-PP-AG (2020-2022). Collaborators: University of Tirana, Albania, Eu Centre, Pavia, Italy and Aristoteli University, Thessaloniki, Greece.

Learn to be resilient: L2BR, funded by European Civil Protection, 101017950 – L2BR – UCPM-2020-KN-AG (2021-2022). Project Coordinator: NALAS, Collaborators: IZIS-Skopje, University of Zagreb, Ministry of internal affairs-Montenegro, Municipality of Tirana, Institute for Public health - Podgorica.

UKIM Project: Definition Of Unified Approach For Processing of Strong Ground Motion Records and Suitable Corrective Techniques, **Principal**

Researcher.

Study on Strong Ground Motion Simulation for Structural Seismic Analysis, Macedonian - P.R. China intergovernmental S & T cooperation programme for 2016-2017, **Participant**

NATO SfP 977231 "Seismic Assessment and Rehabilitation of Existing Buildings" **Participant**

Slovenian-Macedonian Bilateral Project "Experimental and Numerical Research of Racking Strength of Massive Wooden Wall Panels" **Participant**

Selected Publications:

Poposka M., Dojchinovski D., Stojmanovska M., Bozhinovski, Z., Gjorgjeska I. "Comparison of Structural Response to Mavrovo Earthquake Records, Original and Scaled" Proceedings, 3rd European Conference on Earthquake Engineering and Seismology, Bucharest. Romania/2022,

Stojmanovska M., Dojchinovski D., Gjorgjiev I., Chapragoski G., Gjorgjeska I., Savic S., Stanojevic M., Ilic B., Novicic S., "Seismic Monitoring of Tailing Dams", Proceedings, Second Conference On Tailings Dams", Shtip, R.N. Macedonia/2022

Dojcinovski D., Stojmanovska M., Gjorgjiev I., Poposka M., Chapragoski G., Gjorgjeska I., Milevski S., Koviloski V. Seismic monitoring of dams – Mavrovo earthquake experience and results Proceedings, 5th Congress on Dams, Struga, R.N.Macedonia/2021

I. Gjorgjeska, M. Stojmanovska, D. Dojchinovski, M. Poposka, G. Chapragovski, Geophysical Site Characterization For Strong Motion Stations. A Case Study in North Macedonia Proceedings, 1st Croatian Conference on Earthquake Engineering, Zagreb, Croatia/ 2021

Dojcinovski, D., Bozinovski, Z., Stojmanovska, M., Chapragoski, G., Poposka, M. (2019). Analysis Of Global Damage And Functioning Of Highway In Earthquakes Condition Workshop on Earthquake Disaster Prevention and Mitigation in the "Road & Belt" countries, Dalian University of Technology, 03 -14 September, 2019, Dalian, China

Poposka, M., Stojmanovska, M., Bozinovski, Z., Dojcinovski, D.(2019). Nine-Storey Structure Analyzed On Real AccelrogramS, 18th International Symposium of Macedonian Association of Structural Engineers (MASE 2019), 02-05 October, 2019, Ohrid, R.N.Macedonia. (in Macedonian)

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

Dojcinovski D., Bozinovski Z., Stojmanovska M., Cernih D., Dimishkovska B, Gjorgjeska I, Chapragoski G.,N. Kuljic, "The Impact of Griva Earthquakes on Structure Damage", 16ECEE, Thessaloniki, June 2018, Greece.

Dragi Dojcinovski, Marta Stojmanovska, Stevo Savic, Tatjana Sarenac, Maja Miletic, Sinisa Novicic, Boris Ilic "Earthquake Protection of Dumps", 36th General Assembly of the ESC, September 2018, Malta

Dojcinovski D., Aleksovski D, Mirakovski G, Stojmanovska M., "Control of Seismic Effects of Blasting for Excavation of New Supply Tunnels of HPP "MATKA", Tribune on topic: "80 years of Dam Engineering in R.Macedonia", MACOLD, October 2018, Skopje, Macedonia