

# Marija Todorović

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## SUMMARY

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Structural engineer with ten years of experience in teaching and working with students, actively engaged in scientific research and professional practice (structural design).

## WORK EXPERIENCE

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- 2019 – Present      **Faculty of Civil Engineering, Department of Materials and Structures, University of Belgrade, Serbia**  
Position: Assistant professor  
Courses: Timber and Masonry Structures; Repair, Reconstruction and Maintenance of Masonry and Timber Structures; Glued Laminated Timber Structures
- Teaching and mentoring students
  - Scientific research
  - Structural design
- 2014 – 2019      **Faculty of Civil Engineering, Department of Materials and Structures, University of Belgrade, Serbia**  
Position: Teaching assistant  
Courses: Timber and Masonry Structures; Repair, Reconstruction and Maintenance of Masonry and Timber Structures; Glued Laminated Timber Structures
- Teaching and mentoring students
  - Scientific research
  - Structural design
- 2013 – 2014      **Faculty of Civil Engineering, Department of Materials and Structures, University of Belgrade, Serbia**  
Position: Undergraduate assistant  
Courses: Timber and Masonry Structures
- Teaching and mentoring students
  - Scientific research
- July – August, 2012      **Faculty of Engineering, Department Mechanics of Materials and Constructions, Vrije Universiteit Brussel, Belgium**  
Position: Intern
- Scientific research

## EDUCATION

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- 2013 – 2019      **PhD, Structural Engineering**  
FACULTY OF CIVIL ENGINEERING, Structural Engineering,  
University of Belgrade, Serbia  
Thesis title: "Strengthening of Notched Timber Beams"
- 2012 – 2013      **MSc, Structural Engineering**, GPA 9.86 / (6 – 10)  
FACULTY OF CIVIL ENGINEERING, Structural Engineering,  
University of Belgrade, Serbia
- 2008 – 2012      **BSc, Structural Engineering**, GPA 9.50 / (6 – 10)  
FACULTY OF CIVIL ENGINEERING, Structural Engineering,  
University of Belgrade, Serbia

## PARTICIPATION IN PROJECTS

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2022 - present	Substrate4CLT - Towards Sustainable Buildings: Novel Strategies for the Design of Vibration Resistant Cross-Laminated Timber Floors - Science Fund of the Republic of Serbia – Program IDEAS
2021 - 2023	Timber&FRP - hybrid structures and connection of timber and FRP - Science Fund of the Republic of Serbia - The Serbian Science and Diaspora Collaboration Program (Project coordinator)
2019	Innovation voucher 361, Experimental testing of strengthening methods of notched glulam beams - The Innovation Fund of the Republic of Serbia
2018 - 2019	Bilateral Project, Austria - Serbia, Seismic evaluation of existing buildings in Serbia and Austria -assessment, retrofitting and strengthening - Ministry of Education, Science and Technological Development of the Republic of Serbia
2014 - 2019	TR-36048 Research on condition assessment and improvement methods of civil engineering structures in view of their serviceability, load-bearing capacity, cost effectiveness and maintenance - Ministry of Education, Science and Technological Development of the Republic of Serbia (Researcher)

## LIST OF SELECTED PUBLICATIONS

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1. **Marija Todorović**, Ivan Glišović, Boško Stevanović (2022) Experimental investigation of endnotched glulam beams reinforced with GFRP bars. European Journal of Wood and Wood Products. 80, pp. 1071-1085 DOI: 10.1007/s00107-022-01822-6, M21, IF<sub>2021</sub>=2.633.
2. Ivan Glišović, Boško Stevanović, **Marija Todorović** (2016) Flexural reinforcement of glulam beams with CFRP plates. Materials and Structures. 49 (7), pp.2841-2855. DOI: 10.1617/s11527-015-0690-7, ISSN: 1359-5997, M21, IF<sub>2016</sub>=2.624.
3. Ivan Glišović, Marko Pavlović, Boško Stevanović, **Marija Todorović** (2017) Numerical analysis of glulam beams reinforced with CFRP plates. Journal of Civil Engineering and Management. 23 (7), pp.868-879. DOI: 10.3846/13923730.2017.1341953, M22, IF<sub>2017</sub>=1.749.
4. **Marija Todorović**, Mathieu Koetsier, Nađa Simović, Ivan Glišović, Marko Pavlović (2023) Determination of mode I fracture properties of European spruce. Wood Research. 68 (2), pp.334-347. DOI: 10.37763/wr.1336-4561/68.2.334347, M22, IF<sub>2022</sub>=1.3.
5. **Marija Todorović**, Ivan Glišović, Boško Stevanović, (2019) Experimental investigation of cracked end-notched glulam beams repaired with GFRP bars. Wood Research. 64 (6), pp. 1077-1086, M22, IF<sub>2018</sub>=0.642.
6. **Marija Todorović**, Boško Stevanović, Ivan Glišović, Tijana Stevanović (2018) Experimental Testing of Reinforced End-notched Glulam Beams. Građevinski materijali i konstrukcije. 61 (4), pp 23-36. DOI: 10.5937/GRMK1804023T, M24.
7. **Marija Todorović**, Ivan Glišović, Boško Stevanović (2018) Experimental investigation of cracked notched glulam beams repaired with screws. In: Proceedings of 2018 World Conference on Timber Engineering WCTE 2018, Seoul, South Korea, M33.

## AWARDS

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2021	Award of the Chamber of Commerce and Industry of Serbia for best PhD thesis in 2018/2019
2016 and 2018	Award of the Association of Structural Engineers of Serbia for the best young researcher paper
2014	Award of the Faculty of Civil Engineering in Belgrade (Professor Branko Zarić Foundation) for the best Master Thesis in Steel Structures

## SKILLS

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Software competences	Tower, Abaqus, MS Office, AutoCAD, Robot, Advance Steel, Dlubal RFEM
Language competences	English (C2), Serbian (native)
Memberships	ASES - Association of Structural Engineers of Serbia