



Marina Nikolić

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Work: Matice hrvatske 15, 21000 Split (Croatia)

WORK EXPERIENCE

Assistant Professor

University of Split, Faculty of Civil Engineering, Architecture and Geodesy [24/10/2019 – Current]

City: Split | Country: Croatia

- Member of the Department for concrete structures and bridges
- Head of the Laboratory for seismic testing (2023-present)
- Coordinator for teaching bases and post-academic employment program (2023-present)
- Member of the Ethics Committee (2023-present)
- Commission for students with disabilities (2018-present)
- Teaching topics: concrete structures, bridges, prestressed concrete, construction of building structures
- Scientific field: Numerical and experimental research of the behavior of structures under static and dynamic loads, the interaction of structures and fluids
- Designer and associate designer on over 20 professional projects

Post-doc

University of Split, Faculty of Civil Engineering, Architecture and Geodesy [06/2017 – 10/2019]

City: Split | Country: Croatia

- Member of the Department for concrete structures and bridges
- Commission for students with disabilities (2018-2019)
- Teaching topics: concrete structures, bridges, prestressed concrete
- Scientific field: Numerical and experimental research of the behavior of structures under static and dynamic loads, the interaction of structures and fluids

Teaching Assistant-Doctoral Student

University of Split, Faculty of Civil Engineering, Architecture and Geodesy [06/2011 – 06/2017]

City: Split | Country: Croatia

- Member of the Department for concrete structures and bridges
- Teaching topics: concrete structures, bridges, prestressed concrete
- Scientific field: Numerical and experimental research of the behavior of structures under static and dynamic loads, the interaction of structures and fluids
- Associate designer on over 10 professional projects

Professional Associate

University of Split, Faculty of Civil Engineering, Architecture and Geodesy [10/2010 – 06/2011]

City: Split | Country: Croatia

- Member of the Department for concrete structures and bridge
- Teaching topics: concrete structures, bridges

EDUCATION AND TRAINING

PhD

University of Split, Faculty of Civil Engineering, Architecture and Geodesy [06/2011 – 06/2017]

City: Split, | Country: Croatia | Thesis: Numerical Modelling of Fluid Structure Interaction with Combined Finite Element Method and Smoothed Particle Hydrodynamics

Master of Civil Engineering (MCE)

University of Split, Faculty of Civil Engineering, Architecture and Geodesy [10/2008 – 10/2010]

City: Split, | Country: Croatia

Bachelor of Civil Engineering (BCE)

University of Split, Faculty of Civil Engineering, Architecture and Geodesy [10/2005 – 10/2008]

City: Split, | Country: Croatia

MANAGEMENT AND LEADERSHIP SKILLS

Head of the Laboratory for Seismic Testing of the Faculty of Civil Engineering, Architecture and Geodesy, University of Split 10/2023-danas

NETWORKS AND MEMBERSHIPS

[2020 – Current]

Croatian Chamber of Civil Engineers Active member of the Croatian Chamber of Civil Engineers-authorized designer.

Exam for the performance of a regulated profession in Civil Engineering completed 10/12/2013.

[2023 – Current]

Croatian Center for Earthquake Engineering - Intervention Service (HCPI-IS), Split

[04/2024 – Current]

Technical committee in Croatian Normisation Institute -TO 548/PO 2: Eurocode 2: Design of concrete structures

-TO 548/PO 8: Eurocode 8:Design of structures for earthquake resistance

[07/2022 – Current]

Scientific Advisory Board for the journal Archives of Civil Engineering (ISSN 1230-2945)

Link: <https://ace.il.pw.edu.pl/Scientific-Advisory-Committee,4604.html>

[07/2023 – Current]

Editorial Board Research for the journal Engineering Structures and Materials (p-ISSN: 2148-9807; o-ISSN: 2149-4088)

Link: <https://jresm.org/about/editorial-board.html>

[03/2023 – Current]

Editorial Review Board for the journal Advances in Civil and Architectural Engineering (ISSN: 2975-3848)

Link: <https://hrcak.srce.hr/ojs/index.php/acaereview>

[07/2023]

Topical Advisory Panel for the journal Vibration (ISSN: 2571-631X)

Link: https://www.mdpi.com/journal/vibration/topical_advisory_panel?page_no=2

PROJECTS

[2023 – Current]

Experimental and numerical testing of the behavior of materials and structures under static, dynamic and impact loads - project leader of the Faculty of Civil Engineering, Architecture and Geodesy, University of Split

[2019 – 2022]

Development and Application of Advanced Construction Materials for Building Healthy Houses: Protection from Nonionizing Radiation -Z2Grade - KK.01.1.1.04.0105 -suradnica na znanstvenom projektu Europskog fonda za regionalni razvoj, voditelj: prof. dr. sc. Damir Varevac

Link: <http://www.gfos.unios.hr/z2grade/razvoj-i-primjena-naprednih-gradevinskih-materijala-za-izgradnju-zdravih-zgrada>

[2011 – 2014]

Eksperimentalna i numerička istraživanja potresne otpornosti građevina (MB: 083-0000000-1538) - suradnica na znanstvenom projektu MZOS-a, voditelj: prof. dr. sc. Jure Radnić

ORGANISATIONAL SKILLS

Member of the organizing committee of the international conference 3CroCEE-2025

Member of the organizing committee of the Science Festival 2024 at FGAG Split, topic: Intelligence

Member of the organizing committee at the 10th meeting COMMON FOUNDATIONS 2023 – uniSTem

Member of the organizing committee at the 5th meeting COMMON FOUNDATIONS 2018 – uniSTem

Member of the organizing committee of the Science Festival 2018 at FGAG Split, topic: Discoveries

Member of the organizing committee at the 1st meeting COMMON FOUNDATIONS 2013 - uniSTem

CONFERENCES AND SEMINARS

[15/04/2024 – 16/04/2024] Zagreb, Croatia

Specialist Course in Earthquake Engineering

[15/06/2023] Split, Croatia

Educational Workshop: Persons with disabilities and other health problems in higher education in the Republic of Croatia

[20/09/2017 – 22/09/2017] Ljubljana, Slovenia

3rd International Conference on Multiscale Computational Methods for Solids and Fluids-ECCOMAS MSF 2017

[18/09/2017 – 19/09/2017] Zagreb, Croatia

Common Foundations 2017: 5th Congress of Young Researchers in the Field of Construction and Related Technical Sciences

[29/06/2016 – 02/07/2016] Munich, Germany

9th International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2015 Ov dje opišite...

[03/07/2016 – 06/07/2016] Split, Croatia

10th International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2016

[29/05/2013 – 31/05/2013] Skopje, North Macedonia

International Conference on Earthquake Engineering- SE-EEE 1963-2013

[17/06/2013 – 19/06/2013] Santa Eularia, Ibiza, Spain

5th Computational Methods for Coupled Problems in Science and Engineering - COUPLED PROBLEMS 2013

[15/11/2012 – 17/11/2012] Cavtat, Croatia

6th Assembly of Croatian Builders Congress

HONOURS AND AWARDS

Dean's award for outstanding results 2006/2007

Dean's award for outstanding results 2009/2010

LANGUAGE SKILLS

Mother tongue(s): Croatian

Other language(s):

engleski

German

LISTENING B2 READING B2 WRITING B2

LISTENING A2 READING A2 WRITING A1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2 SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

AutoCAD / MS Office (Word Excel PowerPoint) / Robot Structural Analysis / SCIA Engineer / ARTeMIS Modal Pro / ArmCAD / Tower 6

DRIVING LICENCE

Driving Licence: B

VOLUNTEERING

[10/2022 – Current] Split, Croatia

Caritas of the Parish of the Sacred Heart of Jesus - Visoka