



Nikola Grgić

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<https://gradst.unist.hr/o-fakultetu/adresar-imenik/agenttype/view/propertyid/1813> |

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Address: Vrboran 31, 21000, Split, Croatia (Matice Hrvatske 15)

WORK EXPERIENCE

01/11/2022 – CURRENT Split, Croatia

VICE-DEAN FOR SCIENCE, INNOVATION AND INTERNATIONAL COOPERATION UNIVERSITY OF SPLIT, FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESY

- Member of the Department of Concrete Structures and Bridges
- Member of the Committee for Studies at the University of Split
- Co-head of the Laboratory for Seismic Testing (2018-2023)
- Head of the Laboratory for Materials (2023-present)
- Head of the doctoral study Civil Engineering at the Faculty of Civil Engineering, Architecture and Geodesy in Split (2022-present)
- Teaching activity related to courses in concrete structures, bridges, composite structures, durability of structures, prestressed concrete and structures made of high and ultra-high strength concrete
- Scientific field: experimental and numerical research of the behavior of structures under static, dynamic and shock loads, the interaction of structures and fluids
- The authorized designer and associate designer on professional projects and professional expertise

30/09/2018 – 01/11/2022 Split, Croatia

HEAD OF THE DEPARTMENT FOR CONCRETE STRUCTURES AND BRIDGES, DOCENT, SENIOR RESEARCH ASSOCIATE, UNIVERSITY OF SPLIT, FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESY

30/11/2014 – 30/09/2018 Split, Croatia

SENIOR ASSISTANT - POST-DOCTORAL STUDENT UNIVERSITY OF SPLIT, FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESY

31/01/2008 – 30/11/2014 Split, Croatia

ASSISTANT UNIVERSITY OF SPLIT, FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESY

EDUCATION AND TRAINING

13/10/2014

PH.D.SC IN THE FIELD OF TECHNICAL SCIENCES, FIELD OF CIVIL ENGINEERING, BRANCH OF LOAD-BEARING CONSTRUCTIONS University of Split, Faculty of Civil Engineering, Architecture and Geodesy

27/02/2008 Split

GRADUATED CIVIL ENGINEER, FACULTY OF CIVIL ENGINEERING IN SPLIT University of Split,
Faculty of Civil Engineering, Architecture and Geodesy

Address 21000, Split

1998 – 2002 Ljubuški, Bosnia and Herzegovina

GYMNASIUM LJUBUŠKI, BIH Gymnasium, Ljubuški, BIH

Address 88320, Ljubuški, Bosnia and Herzegovina

● **MANAGEMENT AND LEADERSHIP SKILLS**

Vice-Dean for Science, Innovation and International Cooperation University of Split,
Faculty of Civil Engineering, Architecture and Geodesy

- Head of the Laboratory for Materials (2023-present)
- Head of the doctoral study Civil Engineering at the Faculty of Civil Engineering, Architecture and Geodesy in Split (2022-present)

● **NETWORKS AND MEMBERSHIPS**

2021 – CURRENT

Member of the Croatian Chamber of Civil Engineers (HKIG)

Active member of HKIG-authorized designer.

2023 – CURRENT

Member of the Croatian Center for Earthquake Engineering - Intervention Service (HCPI-IS), Split branch

2017 – CURRENT

Member of the editorial board of Journal of the Croatian Association of Civil Engineers Građevinar (ISSN 1333-9095)

Link <http://www.casopis-gradjevinar.hr/o-casopisu/organizacija/>

● **PROJECTS**

2023 – CURRENT

Experimental and numerical testing of the behavior of materials and constructions under static, dynamic and impact loads

Collaborator on the project

2016 – CURRENT

From implementation of contemporary scientific and research infrastructure at FCEAG to smart specialisation in green and energy efficient building

„From implementation of contemporary scientific and research infrastructure at FCEAG to smart specialisation in green and energy efficient building,“ (KK 01.1.1.02.0027). **Project member**. European Regional Development Fund, operational programme „Competitiveness and Cohesion 2014 – 2020“.

Revitalization and optimal remediation of cuts in soft rock mass

" Revitalization and optimal remediation of cuts in soft rock mass". **Project leader**. Ministry of Science and Education of the Republic of Croatia, Public Research Agency of the Republic of Slovenia (ARRS) and University of Split, Faculty of Civil Engineering, Architecture and Geodesy.

2017 – 2021

Seismic base isolation of a building by using natural materials - shake table testing and numerical modeling

Team member on the project „Seismic base isolation of a building by using natural materials - shake table testing and numerical modeling“, Scientific project of the Croatian Science Foundation (No. IP-06-2016-5325); 2017 - 2021, Head: prof. Ph.D. Jure Radnić.

2008 – 2014

Experimental and numerical studies of seismic resistance of buildings (MB: 083-0000000-1538)

Member of the team on the scientific research project

2016 – 2017

Experimental verification of possible application of stone pebbles for seismic base isolation of buildings

Member of the team on the scientific research project

● **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

Ovdje opišite...

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

Member of the organizing committee of the Science Festival 2023 at FGAG Split, theme: Nature and society

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**

14th International Conference on Advanced Computational Engineering and Experimenting ACE-X 2021

Banović, Ivan; Radnić, Jure; Grgić, Nikola: Shake-table Study on the Effectiveness of Several Low-Cost Seismic Base Isolations. // CD-ROM Proceedings of the abstracts of 14th International Conference on Advanced Computational Engineering and Experimenting ACE-X 2021 / Öchsner, Andreas ; Altenbach, Holm ; Johlitz, Michael (ur.). Valletta, 2021. str. 36-37 (predavanje, međunarodna recenzija, sažetak, znanstveni)

13th International Conference on Advanced Computational Engineering and Experimenting ACE-X 2019

Banović, Ivan; Radnić, Jure; Grgić, Nikola: Effect of structure stiffness on seismic base isolation efficiency using natural stone pebbles. // CD-ROM Proceedings of the abstracts of of 13th International Conference on Advanced Computational Engineering and Experimenting ACE-X 2019 / Öchsner, Andreas ; Altenbach, Holm ; Johlitz, Michael (ur.). Atena, Grčka: ACEX - Advanced Computational Engineering and Experimenting, 2019. str. 38-38 (predavanje, međunarodna recenzija, sažetak, znanstveni)

Geotehnički izazovi u kršu - Karl Terzaghi i hrvatski krš prije 110 godina

Török, Ákos; Vlastelica, Goran; Baloević, Goran; Grgić, Nikola; Görög, Péter: Comparative analysis of slope stability: seismic loading and engineering geology ; examples from Croatia and Hungary. // Geotehnički izazovi u kršu - Karl Terzaghi i hrvatski krš prije 110 godina / Sokolić, Igor ; Miščević, Predrag ; Štambuk Cvitanović, Nataša ; Vlastelica, Goran (ur.). Split: Hrvatsko geotehničko društvo, 2019. str. 413-418. (<https://www.bib.irb.hr:8443/997411>) (poster, međunarodna recenzija, cjeloviti rad (in extenso), znanstveni)

12th International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2018 Amsterdam, Nizozemska, 2018.

Grgić, Nikola; Radnić, Jure; Baloević, Goran: The effect of the slenderness on the behavior of concrete cantilever columns under an earthquake. // 12th International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2018 Amsterdam, Nizozemska, 2018. str. 1-1 (predavanje, međunarodna recenzija, sažetak, znanstveni)

● **HONOURS AND AWARDS**

SCIENCE AWARDS of the University of Split

Odlukom Senata Sveučilišta u Splitu klasa: 003-08/19-05/00022, ur. Broj: 2181-202-03-01.19-0023 od 19. prosinca 2019. godine dobitnik NAGRADE ZA ZNANOST za dosadašnji znanstveni doprinos u području tehničkih znanosti

Journal Građevinar award for scientific excellence from 2014.

● **DIGITAL SKILLS**

AutoCad (Computer Aided Design Software) | MS Office (MS Word, MS Powerpoint, MS Excel, MS) | autodesk robot | Poznavanje ArmCAD-a i Tower-a | catman Data Acquisition Software | Timski rad | Komunikacijski programi (Skype Zoom TeamViewer) | Prilagodljivost

● **LANGUAGE SKILLS**

Mother tongue(s): **HRVATSKI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLSKI	B2	B2	B2	B2	B1

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

● **DRIVING LICENCE**

Driving Licence: B