

## ● OBRAZOVANJE I OSPOSOBLJAVANJE

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05/11/2020 – 01/12/2023 Osijek, Hrvatska

**DR. SC.** Građevinski i arhitektonski fakultet Osijek

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01/10/2017 – 30/09/2019 Osijek, Hrvatska

**MAG. ING. AEDIF.** Građevinski i arhitektonski fakultet Osijek

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01/10/2014 – 30/09/2017 Osijek, Hrvatska

**UNIV. BACC. ING. AEDIF.** Građevinski fakultet Osijek

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## ● JEZIČNE VJEŠTINE

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Materinski jezik/jezici: **HRVATSKI**

Drugi jezici:

	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna produkcija	Govorna interakcija	
<b>ENGLESKI</b>	B2	B2	B2	B2	B2

*Razine: A1 i A2: temeljni korisnik; B1 i B2: samostalni korisnik; C1 i C2: iskusni korisnik*

## ● DIGITALNE VJEŠTINE

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MS Office | TIBCO Statistica | AutoCAD | Civil 3D | Transoft Solutions TORUS | Transoft Solutions AUTOTURN | ArchiCAD | Robot Structural Analysis

## ● DODATNE INFORMACIJE

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### PUBLIKACIJE

**Influence of Clogging and Unbound Base Layer Properties on Pervious Concrete Drainage Characteristics**

– 2020

Materials, 13, 2455, 13, doi: 10.3390/ma13112455

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Barišić, Ivana; Netinger Grubeša Ivanka; Dokšanović, Tihomir; Zvonarić, Matija

**Recycling waste rubber tyres in road construction** – 2021

Archives of civil engineering, 67, 1, 499-512, doi: 10.24425/ace.2021.136485

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Barišić, Ivana; Zvonarić, Matija; Netinger Grubeša, Ivanka; Šurdonja, Sanja

**Influence of Laboratory Compaction Method on Compaction and Strength Characteristics of Unbound and Cement-Bound Mixtures**

– 2021

Applied Sciences, 11, 11, 4750, 12, doi: 10.3390/app11114750

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Zvonarić, Matija; Barišić, Ivana; Galić, Mario; Minažek, Krunoslav

**Prevention and remediation measures for reflective cracks in flexible pavements** – 2021

Journal of the Croatian Association of Civil Engineers, 74, 3, 189-197, doi: 10.14256/JCE.3427.2021

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Zvonarić, Matija; Dimter, Sanja

**Effect of rubber size and shape on Proctor elements of CBC mixtures** – 2022

Case studies in construction materials, 17, e01563, 9, doi: 10.1016/j.cscm.2022.e01563

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Zvonarić, Matija; Barišić, Ivana; Netinger Grubeša, Ivanka

**Pavement Structure Characteristics and Behaviour Analysis with Digital Image Correlation** – 2023

Applied Sciences, 13, 1, 664, 15, doi: 10.3390/app13010664

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Barišić, Ivana; Dokšanović, Tihomir; Zvonarić, Matija

**Influence of confining pressure on rubberised cement bound aggregate behaviour during static triaxial test**

– 2023

Road Materials and Pavement Design, doi: 10.1080/14680629.2023.2237588

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Barišić, Ivana; Kaluđer, Jelena; Zagvozda, Martina; Zvonarić, Matija

**Prediction Models for Mechanical Properties of Cement-Bound Aggregate with Waste Rubber** – 2024

Applied Sciences, 14, 1, 470, doi: 10.3390/app14010470

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Zvonarić, Matija; Benšić, Mirta; Barišić, Ivana; Dokšanović, Tihomir

## **MREŽE I ČLANSTVA**

RILEM member

## **VOZAČKA DOZVOLA**

Vozačka dozvola: B

## **HOBIJI I INTERESI**

Tenis, squash, skijanje, čitanje

## **PROJEKTI**

**UIP-2019-04-8195 Cementom stabilizirani nosivi slojevi s otpadnom gumom za održive kolnike**

## **KONFERENCIJE I SEMINARI**

02/10/2023 – 06/10/2023 – Prag, Češka Republika

**XXVIIth World Road Congress** Optimal composition of rubberized cement bound base course mixtures, XXVIIth World Road Congress Prag, Češka Republika, 02.10.2023-06.10.2023

14/09/2023 – 17/09/2023 – Split, Hrvatska

**Zajednički temelji 2023** Utjecaj tretmana gumenog agregata na mehanička svojstva cementom stabiliziranog nosivog sloja s otpadnom gumom, Utjecaj tretmana gumenog agregata na mehanička svojstva cementom stabiliziranog nosivog sloja s otpadnom gumom, Split, Fakultet građevinarstva, arhitekture i geodezije Sveučilišta u Splitu, 2023., str. 44-49, doi: 10.31534/10.ZT.2023.03

06/09/2023 – 08/09/2023 – Famagusta, Cipar

**15th International Congress On Advances In Civil Engineering** Surface Treatment of Rubber Particles with Sodium Hydroxide Solution for Use in Cement Bound Base Course, 15th International Congress On Advances In Civil Engineering Famagusta, Cipar, 06.09.2023-08.09.2023

28/09/2022 – 30/09/2022 – Osijek, Hrvatska

**Zajednički temelji 2022** Utjecaj reciklirane gume na tlačnu čvrstoću cementom stabiliziranih mješavina, Zbornik radova 9. skupa mladih istraživača iz područja građevinarstva i srodnih tehničkih znanosti, Krstić, Hrvoje, Anić, Filip, Jeleč, Mario (ur.). Osijek, 2022., str. 117-123

11/05/2022 – 13/05/2022 – Zagreb, Hrvatska

**CETRA 2022** Impact of different wood ash fractions on the load-bearing capacity of sand mixtures, Road and Rail Infrastructure VII, Proceedings of the Conference CETRA 2022, Lakušić, Stjepan (ur.). Zagreb, 2022., str. 449-456, doi: 10.5592/CO/CETRA.2022.1473

23/06/2022 – 23/06/2022 – Kopenhagen, Kraljevina Danska

**International Meet on Applied Science, Engineering and Technology** Effect of Recycled Rubber on Stiffness of Hydraulically Bound Base Course, International Meet on Applied Science, Engineering and Technology, Kopenhagen, Kraljevina Danska, 2022

27/06/2022 – 29/06/2022 – Košice, Slovačka

**14th International Scientific Conference of Civil and Environmental Engineering for the PhD. students and young scientists - Young Scientists 2022** Influence of binder and granular rubber amount on mechanical properties of stabilized mixtures, 14th International Scientific Conference of Civil and Environmental Engineering for the PhD. students and young scientists - Young Scientists 2022, Online: American Institute of Physics (AIP), 2023., str. 020004-1-020004-8, doi: 10.1063/5.0158554

23/09/2021 – 24/09/2021 – Mostar, Bosna i Hercegovina

**Zajednički temelji 2021** RubSuPave - Mogućnost primjene reciklirane gume u cementom stabiliziranim nosivim slojevima kolnika, Zajednički temelji 2021, Vrdoljak, Anton (ur.). 2021., str. 121-126, doi: 10.5592/CO/ZT.2021.20

23/08/2021 – 24/08/2021 – Riga, Latvija

**30th International Baltic Road Conference** Preliminary research on waste rubber application in cement bound base layer, 2021., str. 1-8

20/05/2020 – 21/05/2020 – Zagreb, Hrvatska

**CETRA 2020** Waste rubber - sustainable pavements solution?, Road and Rail Infrastructure VI, Proceedings of the Conference CETRA 2020, Lakušić, Stjepan (ur.). Zagreb, 2021. str. 859-865, doi: 10.5592/CO/CETRA.2020.1138