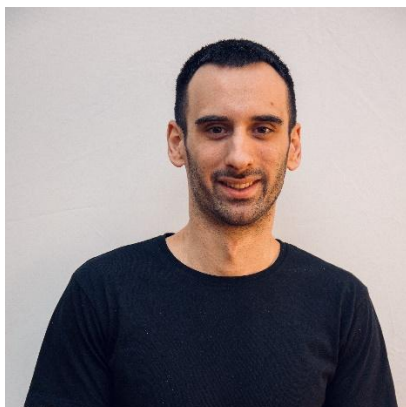


PERSONAL INFORMATION Nikola Maravić



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🌐 <https://www.tf.uns.ac.rs/katedra-04/254-nikola-maravic.html>

Sex Male | Date of birth 11/08/1989 Nationality Serbian

WORK EXPERIENCE

2023-Present	<p>Sugar factory "Crvenka", Crvenka, Serbia</p> <p>Consultant to the Production Manager</p>
2023-Present	<p>Faculty of Technology Novi Sad, University of Novi Sad (Bul. Cara Lazara 1, 21000 Novi Sad, Serbia;</p> <p>Assistant professor (teaching courses: Sugar Technology, Environment protection in Food Industry, Quality control in sugar and confectionary production, Membrane processes in Food Industry, Environmental Impact Assessment</p>
2016-2023	<p>Faculty of Technology Novi Sad, University of Novi Sad (Bul. Cara Lazara 1, 21000 Novi Sad, Serbia;</p> <p>Teaching assistant with PhD (teaching courses: Sugar Technology, Environment protection in Food Industry, Quality control in sugar and confectionary production, Membrane processes in Food Industry, Environmental Impact Assessment</p>
2013-2014	<p>THE HELLENIC SUGAR INDUSTRY S.A. Sugar factory "Šajkaška", Žabalj, Serbia;</p> <p>Process engineer in sugar factory – trainee</p> <p>Main activities on top 5 projects and responsibilities:</p>
2014-2016	<p>Project title: Development of new functional products based on oilseeds, TR-31014, Financed: Ministry of Education, Science and Technological Development of the Republic of Serbia, Type of project: Scientific-technological development, Leader: Prof. Dr Biljana Pajin, role: scholarship holder</p>
2018	<p>HORIZON 2020 SME Instrument, SLADCORE as the new generation table sugar, Project leader: Primož Artač, Tosla d.o.o. Researcher</p>

- 2020-2023 Interreg IPA CBC “Building Entrepreneurial Ecosystem – Student entrepreneurship beyond borders”
BEE-Student – HUSRB/1903/43/0012, Project leader: prof. dr Zita Šereš
Researcher
- 2022-present HORIZON Europe “Twinning for enhancing the scientific excellence of Faculty of Technology Novi Sad for innovative solutions to protect environmental resources from contaminants of emerging concern” –GA 101059867, Project leader: prof. dr Nataša Đurišić Mladenović
Researcher
- 2022-2024 ERASMUS+ KA2 project “Reducing Food Waste and Rescue Surplus Food Supplies”, Project leader: dr Nikola Maravić
Project manager

EDUCATION AND TRAINING

- 2013-2019 University of Novi Sad (UNS), Faculty of Technology, Food Engineering, PhD studies
- 2012-2013 University of Novi Sad (UNS), Faculty of Technology, Food Engineering, Master studies
- 2008-2012 University of Novi Sad (UNS), Faculty of Technology, Food Engineering, Bachelor studies
- Scholarships:
- 2014-2016 Grant of Ministry of education, science and technological development for PhD students, Serbia
- 2014 3 months scholarship at HiST University, Trondheim, Norway, Scholarship of the EDUFOOD project. Project coordinator: Dr. Ljubica Dokić
- 2017 Erasmus+ Staff Mobility for training, NOVA University, Lisbon, Portugal
- 2017 Erasmus+ Staff Mobility for training, Umwelt Campus Birkenfeld, Germany
- 2018 Study visit at the Faculty of Engineering, University of Szeged, Hungary
- 2021 Erasmus+ Staff Mobility for teaching, Istinye University, Istanbul, Turkey

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ good communication skills gained through my experience in various organizations and academic staff/student mobilities

Organisational / managerial skills ▪ good leadership skills (management roles in different projects – academic and industrial)

Job-related skills ▪ fast decision making
 ▪ good knowledge-transfer

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Basic user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Other computer skills:

▪ good command of office suite (word processor, spread sheet, presentation software)

Driving licence B

ADDITIONAL INFORMATION

Publications 90
 SCI research articles 40
 Projects 10
 Citations 483
 h-index 12

Most relevant publications:

1. **Nikola Maravić**, Ferenc Kiss, Laslo Šereš, Branislav Bogdanović, Biljana Bogdanović, Zita Šereš (2015). Economic analysis and LCA of an advanced industrial-scale raw sugar juice purification procedure. Food and Bioproducts Processing, 95, 19-26.
2. Zita Šereš, **Nikola Maravić**, Aleksandar Takači, Ivana Nikolić, Dragana Šoronja-Simović, Aleksandar Jokić, Cecilia Hodur (2016). Treatment of vegetable oil refinery wastewater using alumina ceramic membrane: optimization using response surface methodology, Journal of Cleaner Production, 112, 3132-3137.

3. Vuk Rajović, Ferenc Kiss, **Nikola Maravić**, Oskar Bera (2016). Environmental flows and life cycle assessment of associated petroleum gas utilization via combined heat and power plants and heat boilers at oil fields. *Energy Conversion and Management* 118 (2016): 96-104.
4. Zita Šereš, **Nikola Maravić**, Dušan Rakić, Ljubica Dokić, Ivana Nikolić, Dragana Šoronja-Simović, Miljana Đorđević (2017). Application of biocides in the process of sucrose extraction from sugar beet: Effect on sucrose content, number of *Leuconostoc* colonies and wet pulp characteristics. *LWT-Food Science and Technology* 75 (2017): 17-24.
5. **Nikola Maravić**, Zita Šereš, Senka Vidović, Aleksandra Mišan, Ivan Milovanović, Robert Radosavljević, & Branimir Pavlić (2018). Subcritical water hydrolysis of sugar beet pulp towards production of monosaccharide fraction. *Industrial Crops and Products*, 115, 32-39.
6. Miljana Djordjević, Zita Šereš, Tatjana Došenović, Dragana Šoronja-Simović, **Nikola Maravić**, Dragana Kukić, Ivana Nikolić & Marijana Djordjević (2018). Sugar beet molasses purification by bentonite addition: Analysis of quality enhancement and treatment conditions. *LWT*, 93, 142-149.
7. **Nikola Maravić**, Zita Šereš, Ivana Nikolić, Petar Dokić, Szabolc Kertész, & Ljubica Dokić (2019). Emulsion stabilizing capacity of sugar beet fibers compared to sugar beet pectin and octenyl succinate modified maltodextrin in the production of O/W emulsions: individual and combined impact. *LWT*, 108, 392-399.
8. Nadia Khakimova, **Nikola Maravić**, Petar Davidović, Dajana Blagojević, Milena Bečelić-Tomin, M., Jelica Simeunović, ... & Aleksandra Mišan (2022). Sugar beet processing wastewater treatment by microalgae through biosorption. *Water*, 14(6), 860.
9. Lidija Peić Tukuljac, Jelena Krulj, Jovana Kojić, Jelena Šurlan, Marija Bodroža-Solarov, Bojan Miljević, ... & **Nikola Maravić** (2023). Biosorption of Na⁺, K⁺ and Ca²⁺ from alkalized sugar juice by unmodified pressed sugar beet pulp in closed-loop column system. *Sugar Tech*, 25(4), 766-776.
10. Jelena Šurlan, Zita Šereš, Ljubica Dokić, Veljko Krstonošić & **Nikola Maravić** (2023). Evaluation of sugar beet pectin viscosity, surface activity, conductivity and zeta potential in sodium chloride aqueous solutions. *Food Hydrocolloids*, 139, 108490.