

UNIVERSITY NORTH, KOPRIVNICA, CROATIA  
UNIVERSITY OF RIJEKA, FACULTY OF MARITIME STUDIES, RIJEKA, CROATIA

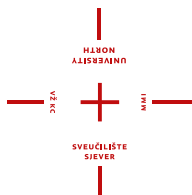


# SuTra 2024

International Conference  
on Sustainable Transport  
26.09. - 28.09.2024.  
TERME SVETI MARTIN, CROATIA

## CONFERENCE & EVENTS PROGRAMME

Organisers



**WEDNESDAY, 25 SEPTEMBER 2024****CONFERENCE RECEPTION DESK**

<b>18:00 - 20:00</b>	<b>Registration of participants</b>
<b>20:00</b>	<b>Welcome Reception</b>

**THURSDAY, 26 SEPTEMBER 2024****CONFERENCE LOBBY**

<b>08:30 - 09:30</b>	<b>Registration with Coffee break</b>
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**CONGRESS HALL "MURA 1 & 2"**

<b>09:30 - 10:30</b>	<b>Opening ceremony</b>
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*in croatian***Panel session I**

**„Suradnja lokalnih vlasti i institucija u poboljšanju sigurnosti prometa i održivog razvoja infrastrukture“**  
**(Cooperation of local authorities and institutions in improving traffic safety and sustainable infrastructure development)**

Panelists:

**10:30 - 11:30**

**IVAN CVITKOVIĆ**, Odjel logistike i održive mobilnosti, Sveučilište Sjever (Department for logistics and sustainable mobility, University North)

**KRUNOSLAV LUKAČIĆ**, Predstavnik jedinice lokalne samouprave (Representative of the local self-government)

**DANIJEL POSAVEC**, Policijska uprava varaždinska, Republika Hrvatska (Varaždin police department, Republic of Croatia)

**GORAN PUŽ**, predstojnik ureda uprave Hrvatskih cesta d.o.o. (Head of the administration office of Croatian Roads)

The moderator: **ANTE KLEČINA****TERRACE/CONFERENCE LOBBY**

<b>11:30 - 11:45</b>	<b>Coffee break</b>
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**CONGRESS HALL "MURA 1 & 2"***in croatian***Panel session II**

**„Kako poboljšati ruralnu mobilnost u službi ruralnog turizma“**  
**(How to improve rural mobility in the service of rural tourism)**

Panelists:

**RUDI GRULA**, direktor Turističke zajednice međimurske županije (CEO Međimurje county Tourist Board)

**DIJANA KATICA**, Hrvatska udruga za turizam i ruralni razvoj "Klub članova Selo" (Croatian Association for Tourism and Rural Development "Selo Members' Club")

**ZORAN KLARIĆ**, Institut za turizam (Institute for Tourism)

**GORAN MALIŠ**, direktor turističke zajednice Varaždinske županije (CEO Varaždin county Tourist Board)

The moderator: **ANTE KLEČINA****11:45 - 12:45****CONGRESS HALL "MURA 1 & 2"**

<b>11:45 - 13:00</b>	<b>Awarding certificates to sponsors</b>
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**RESTAURANT "FALAT"**

<b>13:00 - 14:00</b>	<b>Buffet Lunch</b>
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**CONGRESS HALL "MURA 1 & 2"****Session I: Sustainable mobility**

Chairs: Ivana Martinčević, University North, Predrag Brlek, University North

Ivana Martinčević, Goran Kozina, Katerina Fotova Čiković: **Green Transition and Sustainable Mobility: Literature Review**

Miljenko Mustapić, Maja Trstenjak, Joso Vrkljan: **The relationship between creative solutions in outdoor marketing and young drivers' distraction**

**11:45 - 12:45**

Julijan Jurak, Mario Ćosić, Matija Sikirić, Sandro Tokić, Luka Vidan, Mario Klisura: **Enhancing Active Transportation: Supporting Safe and Sustainable Cycling and Walking in Croatian Elementary Schools**

Vesna Sesar, Predrag Brlek, Dinko Primorac: **The connection between sustainable mobility and sustainable tourism: a literature review**

Osman Lindov, Valentina Mirović: **Sustainable urban mobility plans in the function of traffic safety in urban areas**

Ivana Tomić, Veljko Pevalek: **Maintaining sustainable mobility by using High occupancy vehicle lane (HOV) - an example of Karlovac-Zagreb highway**

**BIKADEMY presentation****TERRACE/CONFERENCE LOBBY**

<b>15:30 - 15:45</b>	<b>Coffee break</b>
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## CONGRESS HALL "MURA 1"

**Session II: Project posters**

Chairs: David Brčić, University of Rijeka, Faculty of Maritime Studies, Neven Grubišić, University of Rijeka, Faculty of Maritime Studies

Mirjana Borucinsky, Sandra Tominac Coslovich, Jana Kegalj: **Digital Education for Maritime Communication**

Goran Vukelić, Goran Vizentin, Ana Perić Hadžić, Alen Jugović, Vlado Frančić: **Prevention, mitigation, management of infectious diseases on cruise ships and passenger ferries**

15:45 - 17:15 Anita Gudelj, Merica Slišković, Zdeslav Jurić: **Remote Sensing in a Function of Sustainable Development of the Maritime Sector**

Ante Klečina, Nikola Biškup, Nives Domjan Kačarević, Ivan Cvitković: **Interreg CE Rail4Regions**

Neven Grubišić, Ana Malovrh, David Brčić: **Fire free MED**

Sanjin Valčić, Mladen Jardas, Antonio Škrobonja, Marko Gulić, Marko Strabić: **GREENPORT Alliances**

Nikola Mandić, Helena Ukić Boljat: **Upgrading and harmonization of Maritime law STCW based curriculum for Maritime students**

## CONGRESS HALL "MURA 2"

**Session III: Smart and Sustainable Cities**

Chairs: Ana Globočnik Žunac, University North, Ivan Cvitković, University North

Ante Klečina, Ljudevit Krpan, Ivan Cvitković, Siniša Vilke: **Improving the public bus network and timetables in Varaždin County in Croatia**

15:45 - 17:15 Saša Petar, Mladen Jardas: **Internet of Things in Smart Port Technologies**

Katarina Stojanović, Ivan Bošnjak, Rejhan Kurtović, Ksenija Orlandić Osmajić, Ivan Cvitković: **Deep Learning Algorithms and Artificial Intelligence as a Method for Predicting Urban Evolution**

Krešimir Buntak, Nikola Biškup, Matija Kovačić: **Analysis of Citizens' Satisfaction with Important Elements of Sustainable Cities: Mobility, Proportion of Green Areas, Air Quality, and Noise Pollution**

**Excursion**

Hop on hop off vineries tour  
Hažić Wine house (<https://opg-hazic.com/en/visit-us/>)  
Maderkin Breg – Štampar (<https://vinarija-stampar.hr/maderkin-breg/>)

**Dinner**

Pub Potkova with DJ

## FRIDAY, 27 SEPTEMBER 2024

## CONFERENCE LOBBY

09:00 - 09:30 Registration with Coffee break

## CONGRESS HALL "MURA"

**Keynote speakers**

09:30 - 11:00

Sergio A. Useche - "Large-scale challenges require large-scale insights: Invigorating evidence-based active and sustainable transport solutions"

Stephanie E. Trpkov - "The role of digital technology in the green transition of transport and increasing traffic safety"

## TERRACE/CONFERENCE LOBBY

15:30 - 15:45 Coffee break

## CONGRESS HALL "MURA 1 &amp; 2"

**Panel session I:**

"Generative AI in Intelligent Transportation Systems"

Panelists:

MIRJANA PEJIĆ BACH, Faculty of Economics and Business, University of Zagreb

09:30 - 11:00 TOMISLAV BRONZIN, CEO Citus

JASMIN ĆELIĆ, University of Rijeka, Faculty of Maritime Studies

KATARINA STOJANOVIĆ, Faculty of Economics and Engineering Management in Novi Sad

The moderator: ANTE KLEČINA

## CONGRESS HALL "MURA 1 &amp; 2"

**Book promotion**

12:30 - 13:00

Darko Pavlović, Melita Srpak: "Energy Transition - Hydrogen Paradigm [Energetska Tranzicija - Vodikova Paradigma]"

## RESTAURANT "FALAT"

13:00 - 14:00 Buffet Lunch

## CONGRESS HALL "MURA 1"

**Session VII: Maritime and Inland Transportation**

Chairs: Jakša Mišković, University of Rijeka, Faculty of Maritime Studies, Goran Vizentin, University of Rijeka, Faculty of Maritime Studies

Ivana Ćosić, Jakša Mišković: **Analyses of maritime accidents using the HFACS method, case study**

Luka Vukić, Roko Glavinović, Ivan Peronja: **Measurement of noise emissions in the port of Split: The results of the NOIPOS project**

14:00 - 15:30

Tijan Edvard, Aksentijević Saša, Vrhovski Dražen, Jović Marija: **Navigating the Future of Maritime Mobility with TRANS@H2 project**

Nino Krvavica, Marta Marija Bilić, Igor Ružić, Goran Lončar: **Coastal flooding risk for major seaports in Croatia**

Tanja Brcko Satler, Peter Vidmar, Marko Perković, Jure Srše, Beno Atelšek: **The Essential Role of Crane Simulators in Port Safety and Efficiency**

Srđan Žuškin, Igor Rudan, Matthew Sumner, Ivan Vilić, David Brčić, Martina Žuškin, Ana Perić Hadžić: **Navigation scenarios designed for COLREG-compliant Decision Support System validation**

Goran Vojković: **Quality Control of Concessionaire Operations in Croatia**

## CONGRESS HALL "MURA 2"

**Session V: Air, Rail and Road Transport + ITS and Telecommunications**

Chairs: Miroslav Drljača, University North, Jasmin Ćelić, University of Rijeka, Faculty of Maritime Studies

Miroslav Drljača, Igor Štimac: **Air Traffic and Transportation in Function of Smooth Development of Supply Chain**

14:00 - 15:30

Ante Klečina, Ljudevit Krpan, Ivan Cvitković, Nikola Biškup: **Designing an integrated timetable and an integrated network for railway passenger public transport for the node Varaždin in Croatia using graphic maps**

Svetlana Bačkalić, Miloš Pljakić, Dragana Jakšić, Dragan Jovanović: **Traffic safety culture of commercial vehicles drivers in Novi Sad**

Petra Bosilj: **Road safety in Croatia: A Comparative analysis of Croatia's Two National Road Traffic Safety Programs**

Mireia Faus, Predrag Brlek, Francisco Alonso, Mile Cávar, Javier Gené, Vladislav Maraš, Dimitrios Nalmpantis, Mihai Răzvan, Ioanna Spyropoulou, Ana Trpkovic, Sergio A. Useche: **Does early cycling onset help promote sustainable transport engagement? A study in five Balkan countries**

Dragoslav Kukic, Djordje Stanisavljevic, Milos Tucid, Ognjen Culjkovic: **Smart Traffic Sign for Advisory Speed**

14:00 - 15:30

Ljudevit Krpan, Robert Maršanić, Ivan Cvitković, Ante Klečina: **Massive Data Sets - an Opportunity for Precise Traffic Analysis**

Tomislav Bronzin, Jasmin Ćelić, Brigita Prole, Arian Stipić: **Generative AI in Intelligent Transport Systems Use Cases**

## CONGRESS HALL "MURA 2"

**Session IV: Logistics and Supply Chain + Intermodal and Multimodal Transport**

Chairs: Saša Petar, University North, Siniša Vilke, University of Rijeka, Faculty of Maritime Studies

Laura Hörandner, Denise Beil, Lisa-Maria Putz-Egger: **Assessing Progress Towards Decarbonization: A Study of GHG Emission Calculation Methods in Upper Austria's Logistics Industry**

15:30 - 16:30

Tomislav Kovačević, Zora Jurić, Marko Zečvić: **Logistics aspects of maritime transport in the light of the military rise of the BRICS states**

Petra Adelajda Zaninović, Gorana Mudronja, Dea Aksentijević: **What influences the profitability of logistics companies in Croatia?**

Saša Petar, Alex Philip: **ESG Rating for Freight Forwarding Industry**

Ante Klečina, Nikola Biškup, Nives Domjan Kačarević, Ivan Cvitković: **Comparative analysis of external costs of rail and road freight transport in five Central European regions**

## CONGRESS HALL "MURA 1"

**Session VI: Poster session**

Chairs: David Brčić, University of Rijeka, Faculty of Maritime Studies, Predrag Brlek, University North

Siniša Vilke, Borna Debelić, Davor Mance: **Examples of urban traffic management systems**

Lea Vojković, Vida Vuković, Irina Čučić, Matea Antea Bilobrck: **WECDIS application and future development**

15:45 - 16:30

Jakša Mišković, Toni Mišković, Darijo Mišković: **Possibilities for analysing maritime accidents and incidents based on data collected from navigation systems**

Riegler Wolfgang, Bartuska Ladislav, Winter Matthias: **Measurability of City Logistics – An Indicator based Model for the City of Linz**

Predrag Brlek, Predrag Samolov, Ladislav Bartuska, Zlatko Sovreski: **Sufficiency of electric charging stations in urban areas**

Milja Simeunović, Valentina Mirović, Jelena Mitrović Simić, Dejan Ilić: **Bike-sharing as a measure of cycling strategies in Novi Sad**

Jadranko Tuta, Neven Lukina: **Optimal solution to the location problem by determining the number and locations of source nodes using the Solver tool in the military domain**

17:00

**Trip to Čakovec**

International awarding ceremony to the Tourist association of Međimurje County with Gala dinner

21:00

**Trip to Terme Sveti Martin**

Pub potkova - Conference Award Ceremony

## SATURDAY, 28 SEPTEMBER 2024

## CONGRESS HALL "MURA"

**Panel session II:**

**"Opportunities for cooperation between academic institutions through the Civitas Educational Network"**

Panelists:

09:30 - 10:30

**DANIQUE GOMMERS**, Breda University of Applied Sciences, Netherlands

**VALENTINA MIROVIĆ**, Faculty of Technical Sciences, University of Novi Sad, Serbia

**ZLATKO SOVRESKI**, Faculty of Technical Sciences, University "St. Kliment Ohridski", Bitola, North Macedonia

The moderator: ANTE KLEČINA

## TERRACE/CONFERENCE LOBBY

10:30 - 10:45

Coffee break

## CONGRESS HALL "MURA 2"

**Session VIII: Student session**

Chairs: Maja Križanec Cvitković, PhD student, University North, Dea Aksentijević, PhD student, University of Rijeka, Faculty of Maritime Studies

10:45 - 12:00

Ivan Grgačić, Dora Kolaric, Matej Stoprd, Dunja Horvat: **Circular logistics as part of the supply chain**

Maja Križanec Cvitković, Ana Globočnik Žunac, Marko Antić: **The effectiveness of social networks in the implementation of the National road safety plan: Analysis of educational and promotional activities in the first phase (2021.-2023.)**

Lucija Ptiček, Matija Orešković, Predrag Brlek, Ivan Cvitković: **Increasing the safety of school children through active forms of transportation: analysis of road infrastructure and influencing factors**

Lucija Novoselec, Patricija Kotolenko, Paula Čaklec: **Is city management smart management?**

10:45 - 12:00

Ivan Cvitković, Nives Domjan Kačarević, Sara Kučič: **The key role of electromobility in the future of sustainable transport**

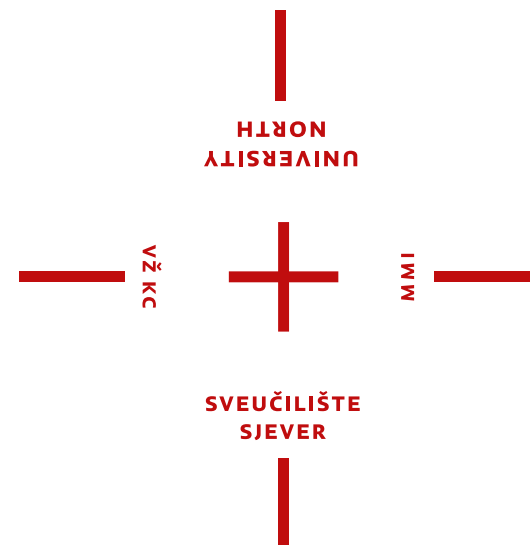
Damjan Županić, Ljudevit Krpan, Ivan Cvitković, Marija Jagić Gombar: **Efficiency of resolution actions measures of crash spots on Varaždin county roads using EU funds**

## CONGRESS HALL "MURA"

12:00 - 13:00

Coffee break and Closing Ceremony

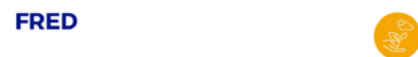
SPONZORS



PROJECTS



Italy - Croatia



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