

ICTS 2026

8 th of June 2026			
9 ⁰⁰ - 10 ⁰⁰ Registration			
10 ⁰⁰ - 10 ²⁰ Conference opening			
10 ²⁰ - 12 ⁰⁰ Plenary session (100 min / 4 presentations)			
12 ⁰⁰ - 13 ³⁰ Lunch break			
13 ³⁰ - 16 ⁰⁰ Sessions (150 min / 7 presentations) = 28			
1.1	1.2	1.3	1.4
16 ⁰⁰ - 16 ³⁰ Coffee break			
16 ³⁰ - 19 ⁰⁰ Sessions (150 min / 7 presentations) = 28			
2.1	2.2	2.3	2.4
~ 19 ³⁰ Conference dinner at "Veduta" restaurant (Bernardin)			
9 th of June 2024			
9 ⁰⁰ - 9 ³⁰ Registration			
9 ³⁰ - 12 ⁰⁰ Sessions (150 min / 7 presentations) = 28			
3.1	3.2	3.3	3.4
12 ⁰⁰ - 13 ³⁰ Lunch break			
13 ³⁰ - 16 ⁰⁰ Sessions (150 min / 7 presentations) = 28			
4.1	4.2	4.3	4.4
16 ⁰⁰ - 16 ³⁰ Coffee break			
16 ³⁰ - 19 ⁰⁰ Sessions (150 min / 7 presentations) = 28			
5.1	5.2	5.3	5.4
Conference closure 19 ⁰⁰ -19 ¹⁵			

Legend

Mediterranea I	Mediterranea II	Adria I	Adria II
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SPONSORS





8th of June 2026



10⁰⁰ - 10²⁰

CONFERENCE OPENING

Peter Vidmar, dean of the Faculty of Maritime Studies and Transport, University of Ljubljana
Marina Zanne, chair of the organizing committee of ICTS

10²⁰ - 12⁰⁰

PLENARY SESSION - THE GREENING OF TRANSPORT

Peter Vidmar

Peter Verlič

Domokos Esztergár-Kiss: MOBILITY AS A SERVICE – EXPERIENCE THROUGH PROJECTS AND PILOTS

13³⁰ - 16⁰⁰

1.1 DECARBONISATION OF MARITIME TRANSPORT I (7): Moderator: Pero Vidan

(86) Pero Vidan, Nikola Vladimir, Danilo Nikolić, Nikolaos P. Ventikos, Srđan Vukša, Aleksandra Banić and Merica Slišković
ASSESSMENT OF SELECTING GREEN FUELS IN CROATIAN SEAPORTS

(15) Riina Otsason, Touko Herranen and Ulla Tapaninen

DECARBONIZING MARITIME PILOTAGE: LOW-EMISSION TECHNOLOGIES FOR PILOT BOATS IN THE BALTIC SEA

(19) Deniece Aiken and Ulla Pirita Tapaninen

MARITIME GOVERNANCE IN TRANSITION: RE-EXAMINING THE IMO'S ROLE THROUGH THE LENS OF MARITIME DECARBONIZATION

(119) Gea Miščević, Biserka Rukavina and Edvard Tijan

HYDROGEN AS A MARITIME TRANSPORT FUEL: AN ANALYSIS OF THE INTERNATIONAL AND EU LEGAL FRAMEWORK

(150) Marin Hero, Józef Jordan and Peter Vidmar

RENEWABLE ENERGY REQUIREMENTS FOR GREEN FUEL BUNKERING

(48) Veranika Khud

COMPARATIVE ASSESSMENT OF DIGITAL SYSTEMS FOR CO₂ MONITORING IN MARITIME LOGISTICS

(126) Elvis Čapalija, Marko Perkovič, Rafał Parczewski and Peter Vidmar

1.2 ROAD TRAFFIC SAFETY AND VULNERABLE ROAD USERS (8): Moderator: Adam Torok

(18) Boris Antić, David Rilak, Dalibor Pešić and Emir Smailović

INFLUENCE OF THE ROAD SURFACE CONDITIONS ON THE CHANGE IN THE COLLECTIVE RISK OF SECTIONS OF THE ROAD NETWORK OF THE REPUBLIC OF SERBIA

(133) Ivona Bajor, Luka Novačko and Adam Torok

Development of Road Safety in Europe (2000–2020):

DESCRIPTIVE TRENDS AND STATISTICAL ASSOCIATIONS WITH ECONOMIC ACTIVITY

(110) Alex Coiret

WETTING STATES OF ROADS: MEASUREMENT MEANS AND INFLUENCE ON TIRE TO ROAD GRIP

(83) Daniela Koltovska Nechoska, Stevcho Jolajoski and Daniel Pavleski

PROACTIVE METHOD OF ROAD NETWORK SAFETY ASSESSMENT: A COMPREHENSIVE ANALYSIS

(122) Tevoh Lordswill Ndingwan, Isaac Ndumbe Jackai II, Brayan Gonzalez Hernandez, Davide Shingo Usami and Luca Persia

PROPOSED SEGMENTATION FOR IMPLEMENTING THE REACTIVE NETWORK WIDE ROAD SAFETY METHODOLOGY ON REGIONAL ROADS IN ITALY

(44) Nicole Bonnici, Adrian Muscat and Kenneth Scerri

DETECTING ANOMALIES FROM ROADSIDE VIDEO STREAMS

(16) Filip Živković, Boris Antić, Danislav Drašković, Tomislav Petrović and Radovan Višković

ASSESSING THE EQUALITY OF CHILD URBAN ROAD SAFETY IN SCHOOL ZONES: A CASE STUDY FROM SERBIA

(142) Jovana Zlajic, Boris Antic, Dalibor Pesic, Emir Smailovic and Nenad Marković

TYPICAL PROFILES OF PARTICIPANTS IN PEDESTRIAN-INVOLVED TRAFFIC ACCIDENTS IN SERBIA: A SYNTHESIS OF EXPERT FINDINGS AND OPINIONS



1.3 TRANSPORT POLICY (7): Moderator: David Nagy

(37) Dávid Nagy and Gábor Lados

TRANSPORT POLICY CHALLENGES IN THE WESTERN BALKANS, WITH A FOCUS ON SUSTAINABLE TRANSPORT

(55) Israel Dunmade

PERSPECTIVES ON MODAL TRANSPORT CHANGE TO MORE SUSTAINABLE METHODS

(29) Olutola Akinsolu and Evelin Krmac

ASSESSING THE ENVIRONMENTAL FRIENDLINESS OF FREIGHT TRANSPORT MODES IN THE EUROPEAN UNION: AN ECONOMETRIC AND DECOMPOSITION ANALYSIS

(114) Dita Zemīte, Nadezda Spiridovska and Evelīna Budiloviča

SUSTAINABLE TRANSPORT LITERACY IN LATVIA: A NATIONAL ASSESSMENT VIA PILOT FEASIBILITY STUDY

(62) Nataša Tomić-Petrović

CLIMATE CHANGE AND SUSTAINABLE FUTURE OF TRANSPORT IN THE WORLD CONTEXT AND EXPERIENCE OF SERBIA

(12) Marina Zanne, Patricija Bajec, Elen Twrdy, Sergej Težak and Tomaž Tollazzi

APPRAISAL METHODS FOR TRANSPORT INFRASTRUCTURE PROJECTS: A REVIEW OF APPROACHES AND APPLICABILITY CONDITIONS

(141) Nina Ponikvar, Mojca Marc and Sara Ražman

MONETIZATION AND THE TREATMENT OF EXTERNAL AND WIDER ECONOMIC EFFECTS IN THE COST-BENEFIT ANALYSIS OF ROAD INFRASTRUCTURE PROJECTS

1.4 MOBILITY I (7): Moderator: Tiziana Campisi

(60) Tiziana Campisi, Chiara Spadaro, Antonio Russo and Nurten Akgün

AI-ENHANCED OPTIMIZATION OF PUBLIC TRANSPORT SERVICE SCHEDULING AND STOP LOCATIONS: A LITERATURE REVIEW

(78) Irene Sudy, Elmar Fürst and Alexandra Onea

ACCESSIBLE BARRIER-FREE INCLUSIVE CROSS-BORDER PUBLIC TRANSPORT SUMMER SCHOOL

(81) Tiziana Campisi, Chiara Spadaro, Aicha Tijany, Giovanni Tesoriere, Antonio Russo and Maksymilian Mądział

A COMPOSITE INTEGRATION SCORE APPROACH FOR EVALUATING DEMAND RESPONSIVE TRANSPORT IN ENNA: SENSITIVITY ANALYSIS AND AHP PERSPECTIVES

(144) János Zsolt Temesváry and Bálint Csonka

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(147) Péter Faragó and Bálint Csonka

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(41) Jung Yeh, Hsing-Yu Lin, Xing-Wei Liu and Hsiang-Chuan Chang

ASSESSMENT OF LIGHT RAIL TRANSIT SYSTEMS BY ESTABLISHING SUSTAINABLE INDICATORS: A COMPARATIVE STUDY OF ANKENG AND DANHAI LRT IN TAIWAN

(97) Csongor Horváth and Attila Borsos

ASSESSING THE SAFETY OF TRAM-TRAINS IN SZEGED: INSIGHTS FROM EYE-TRACKING AND PUBLIC PERCEPTION

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2.1 DECARBONISATION OF MARITIME TRANSPORT II (7): Moderator: Elen Twrdy

(52) Cristiano Marinacci and Stefano Ricci

UNCERTAINTIES IN FORECASTING GLOBAL AND LOCAL EMISSION IN PORTS: RELEVANT PARAMETES AND VALIDATION APPROACHES

(148) Elena Cocuzza, Elen Twrdy, Marina Zanne and Matteo Ignaccolo

TOWARDS CLIMATE-RESILIENT PORTS: INTEGRATED RISK, MITIGATION, AND ADAPTATION STRATEGIES

(130) Gea Miščević, Frano Barbir, Saša Aksentijević and Edvard Tijan

SWOT ANALYSIS OF HYDROGEN FUEL IN MARITIME TRANSPORT

(121) Vincenza Torrisi, Pierfrancesco Leonardi, Matteo Ignaccolo, Cristiano Marinacci and Stefano Ricci

CROSS-VALIDATION OF PORT-RELATED SHIP EMISSIONS IN ADRIATIC PORTS: INSIGHTS FROM PER-CALL AND DOCKING-TIME METRICS

(163) Gorana Jelic Mrcelić, Tina Perić, Filip Bojić and Petra Mešan

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(96) Antonio Barbagallo, Bor Petrovčič, Elen Twrdy and Matteo Ignaccolo

CRUISE SHIP EMISSIONS: A COMPARATIVE ASSESSMENT OF ADRIATIC PORTS

(64) Vivien Lorenčič and Elen Twrdy

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2.2 LOGISTICS (7): Moderator: Snežana Tadić

- (42) Snežana Tadić, Aleksa Maravić, Mladen Krstić, Miloš Veljović and Slobodan Zečević
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- (11) Patricija Bajec, Marina Zanne and Hajah Rohana Sham
DESIGNING A LOW-EMISSION LOGISTICS MARKETPLACE ECOSYSTEM: BUSINESS MODEL CHANGES AND STAKEHOLDER TAKEAWAYS
- (76)* Miloš Veljović, Teodora Jorgačević, Mladen Krstić, Snežana Tadić and Vasilije Perović
MULTI-CRITERIA EVALUATION OF WAYS TO OVERCOME CHALLENGES IN PHARMACEUTICAL SUPPLY CHAINS
- (111) Marko Filipović and Kristijan Rogić
IMPLEMENTING SELECTED ADVANCED WAREHOUSE SOLUTIONS: A STUDY OF STRATEGIC DRIVERS, CRITERIA, AND PERFORMANCE IMPACT
- (113) Dean Hrastić, Edouard Ivanjko, Mario Šafran and Ivica Pivar
POSSIBILITIES FOR THE APPLICATION OF ARTIFICIAL INTELLIGENCE IN SMART INVENTORY MANAGEMENT
- (85) Zorica Đurović
CORPUS LINGUISTICS METHODS FOR BUILDING TECHNICAL GLOSSARIES: THE EXAMPLE OF A TEXTBOOK ON LOGISTICS
- (5)* Tamar Gugushvili, Medea Gugushvili and Nino Pailodze
TECHNOLOGY-ENHANCED INVENTORY RISK MONITORING AT DRY PORTS – A CONCEPTUAL FRAMEWORK FOR GEORGIAN BANKS

2.3 ELECTRIC VEHICLES AND LOW EMISSIONS MOBILITY (6): Moderator: Marko Šoštarić

- (125) Marko Šoštarić, Marijan Jakovljević, Marko Švajda, David Gruhonjić and Lovro Ostroški
THE IMPACT OF VEHICLE FLEET AGE AND TRAFFIC VOLUME ON ROAD TRANSPORT EMISSIONS IN CROATIA
- (25) Luca Husemann, David Meyer and Heike Proff
BUSINESS MODEL DIVERSIFICATION OF EV-MANUFACTURERS WITHIN THE BIDIRECTIONAL CHARGING ECOSYSTEM
- (39) Marten Sprehn and Heike Proff
INVESTIGATION OF WILLINGNESS TO PAY FOR DEMAND-BASED CHARGING OF ELECTRIC VEHICLES IN URBAN AREAS
- (47) Nenad Mrdjenović, Siniša Sremac, Gordan Stojić and Ilija Tanackov
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- (143) Szilárd Szigeti, Gábor Pauer and Dávid Földes
ENERGY IMPACTS OF AUTONOMOUS ELECTRIC VEHICLE BEHAVIOR AT PEDESTRIAN CROSSINGS UNDER MIXED TRAFFIC CONDITIONS
- (106) Fabio Sartori Vieira, Fayçal Touzout, Angelo Furno and Nour-Eddin El Faouzi
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2.4 MOBILITY II (7): Moderator: Israel Dunmade

- (56) Israel Dunmade
MULTIMODAL COMMUTING CHOICES BY MEMBERS OF A CANADIAN UNIVERSITY COMMUNITY: OBSERVATIONS, ANALYSIS AND IMPLICATIONS
- (82) Tiziana Campisi, Chiara Spadaro, Antonio Russo and Giovanni Tesoriere
BRIDGING OPERATIONAL PERFORMANCE AND POLICY OBJECTIVES IN PT–DRT SYSTEMS: A MULTI-LEVEL KPI FRAMEWORK FOR INTEGRATED MOBILITY EVALUATION
- (36) Tomaž Kofalt, Marina Zanne and Aleš Groznik
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- (45) Arne Jeppe, Tim Bree, Erik Karger and Heike Proff
THE SMART CITY DATA PARADOX: A NEW GOVERNANCE MODEL FOR VALUING SMART MOBILITY ECOSYSTEMS
- (63) Vlasta Rodošek, Tinka Valtl and Marjan Lep
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- (89) Antonija Mišura, Maja Račić and Mira Pavlinović
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- (138) Ramón Kovács and Bálint Csonka
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(87) Ladislav Stazić, Karlo Grabovac and Zdeslav Jurić

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(88) Zdeslav Jurić, Ladislav Stazić and Stipe Šola

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(22) Luka Čulić, Nediljko Kaštelan, Marko Zubčić and Ivan Pavić

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(77) Jelena Žanić Mikuličić, Nives Vidak, Mate Jurjević and Ladislav Stazić

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(92) Siniša Martinić-Cezar, Peter Vidmar, Tina Perić and Nikola Račić

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(109) Karlo Bratić, Nenad Vulić, Đorđe Dobrota and Francisko Lukša

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(129) Kristina Vragović, Lucija Tadić, Igor Pavlović and Ivana Golub Medvešek

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3.2 RAIL TRANSPORT (8): Moderator: Stefano Ricci

(50) Peyman Asmari and Stefano Ricci

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(57) Dejan Žagar, Dario Kocjančič and Franc Dimc

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(115) Giuseppe Borruso, Caterina Caramuta, Giovanni Longo, Chiara Ricchetti and Francesca Sinatra

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(58) Marko Golnar, Bojan Bešković, Sebastijan Škerlič, Tomaž Kofalt, Veronika Randl and Maja Stojaković

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(153) Lucky Adoh, Daniil Yurchenko, David Thompson and Giacomo Squicciarini

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(157) Alyona Lovska, Juraj Gerlici, Miroslav Blatnický and Ján Dižo

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(61) Bilel Jebali, Mnuela Gennesseaux, Bogdan Muresan-Paslaru and Malal Kane

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3.3 AIR TRANSPORT (7): Moderator: Olja Čokorilo

(2) Olja Čokorilo

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(123) Dariusz Tloczynski

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(34) Zvonimir Rezo, Sanja Steiner and Vlaho Brailo

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(28) Matej Soldo Jocić, Biljana Juričić, Zvonimir Rezo and Sanja Steiner

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(33) Zvonimir Rezo, Tomo Bagarić and Sanja Steiner
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(108) Diana Božić, Josipa Mustapić and Anita Domitrović
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3.4 LAST-MILE (6): Moderator: Patricija Bajec

(43) Domokos Esztergár-Kiss and Balázs Varga
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(131) Patricija Bajec, Danijela Tuljak-Suban and Blaž Luin
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(13) Daniyar Satarov and Evelin Krmac
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(20) Veronika Randl and Bojan Beškovnik
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(30) Mozhgan Mansouri Kaleibar and Evelin Krmac
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(94) Tomislav Peregrin, Diana Hunjak and Ratko Stanković
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4.1 NAVIGATION AND PILOTAGE (7): Moderator: Luka Vukić

(10) Luka Vukić, Jelena Žanić Mikuličić and Ivana Radica
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(158) Vinka Kolić Bubić and Rino Bošnjak
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(35) Mislav Maljković, Srđan Vukša, Ivica Pavić and Marko Perković
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(51) Vice Milin, Ivica Skoko, Hrvoje Musulin and Zaloa Sanchez Varela
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(68) Gojko Nizić, Ivana Golub Medvešek, Lucija Tadić and Oleksiy Melnyk
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(136) Alen Gospic, Rino Bosnjak, Joško Šoda and Ivana Golub Medvešek
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(104) Matej Glišović and Evelin Krmac
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4.2 DECISION MODELS IN TRANSPORT (7): Moderator: Željko Stević

(135) Željko Stević, Dragan Smiljanić, Siniša Sremac and Boris Gitolendia
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(132) Patricija Bajec, Timotej Hrga, Marko Jakšič, Miha Janež, Miha Mraz, Aljoša Peperko, Matija Pretnar, Lidija Stanovnik, Tina Šfiligoj and Peter Vidmar
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(74) Robbe Bruggeman, Brecht de Wolf, Valentin Carlan and Joost Hintjens
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(120) Vincenza Torrisi, Sheila Bellia, Pierfrancesco Leonardi and Matteo Ignaccolo
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(7) Mateja Držečnik and Uroš Klanšek
SOLUTION OF NONLINEAR TRANSPORTATION PROBLEM: INFLUENCE OF STARTING POINT IN GLOBAL OPTIMIZATION BY BRANCH-AND-CUT METHOD

(8) Mateja Držečnik and Uroš Klanšek
SOLUTION OF NONLINEAR TRANSPORTATION PROBLEM: OVERVIEW OF METHODS AND REAL-WORLD APPLICATIONS

(161) Tsung-Sheng Chang and Tzu-Hsien Chao
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4.3 PORTS AND SMART SOLUTIONS IN MARITIME TRANSPORT (6): Moderator: Tanja Brcko Satler

(80) Tanja Brcko Satler, Đurđica Kostadinović Đedović and Dejan Žagar

ASSESSING HUMAN AND SYSTEM RISKS IN REMOTE OPERATIONS CENTRES FOR MARITIME AUTONOMOUS SURFACE SHIPS

(46) Deniss Bickovs, Veranika Khlud, Mihails Gorobecs and Kristine Carjova

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(38) Miro Petković, Mario Miličević, Nediljko Bugarin and Arkadiusz Adamczyk

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(65) Paško Esko Krančević, Ivica Skoko, Zlatko Boko and Vice Milin

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(54) Chackrit Duangphastra

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4.4 POLLUTION PREVENTION IN MARITIME TRANSPORT (7): Moderator: Anita Gudelj

(93) Anita Gudelj, Merica Slišković, Helena Ukić Boljat and Jelena Čulić Gambiroža

SEASONAL AND SPATIAL DYNAMICS OF CHLOROPHYLL-A IN THE CENTRAL ADRIATIC: MULTI-INDEX ANALYSIS USING SENTINEL-3 OLCI DATA

(21) Urban Pegan and Danijela Tuljak-Suban

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(24) Nediljko Kaštelan, Ivan Pavić, Marina Laušić and Mile Ivanda

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(73) Matea Horvat, Biserka Rukavina and Mirjana Kovačić

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(137) Ivana Bačović, Dragana Milošević, Elena Cvetkov and Senka Šekularac-Ivošević

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(152) Nataša Kovač, Filip Radunović, Aleksandar Mandić, Senka Šekularac-Ivošević and Špiro Ivošević

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5.1 MARITIME SAFETY (6): Moderator: Lucjan Gucma

(159) Lucjan Gucma and Maciej Gucma

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(31) Nermin Hasanspahić, Tonći Biočić, Miho Kristić and Ivica Đurđević-Tomaš

SYSTEMIC FAILURES BEHIND CARGO LIQUEFACTION ACCIDENTS: A HFACS-MA BASED ANALYSIS

(66) Dario Medić, Mario Bakota, Igor Jelaska and Vice Milin

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