

ICTS 2022

20th International Conference on Transport Science

23rd and 24th May 2022, Portoroz, Slovenia

CERTIFICATE

The paper titled

**ANALYSIS OF EFFICIENCY OF FREIGHT TRANSPORT ON
INLAND WATERWAYS**

written by

**Anita Abođi, Danijela Pjevčević, Vladislav Maraš and
Aleksandar Radonjić**

was presented at the 20th ICTS.

The conference was organized by:

Slovene Association of Transport Sciences

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The paper titled

**SHIPPING AND COVID-19: THE IMPACT WORLDWIDE
AND IN GREECE**

written by

Aggelos Aggelakakis and Afroditi Anagnostopoulou

was presented at the 20th ICTS.

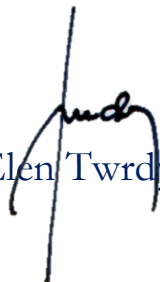
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The paper titled

**TRANSPORT DEMAND MODEL ON THE EFFECTS OF
ESTABLISHING VERTICAL FARMS IN URBAN AREAS**

written by

György Ágoston, Ferenc Pongrácz and Bálint Csonka

was presented at the 20th ICTS.

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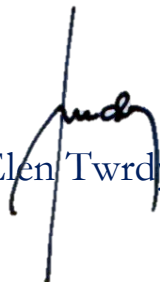
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BUOY MOORING MANAGEMENT MODEL

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**Andrej Androjna, Lina Kaldana, Marko Perkovič and
Peter Vidmar**

was presented at the 20th ICTS.

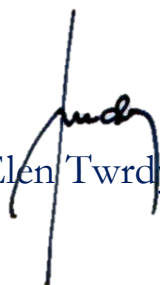
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URBAN ROAD SAFETY – LITERATURE REVIEW

written by

Boris Antić, Filip Živković, Jelica Davidović and Dalibor Pešić

was presented at the 20th ICTS.

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The paper titled
**ON ADJUSTMENT OF STOWAGE PLAN WITH MINIMUM
RESOURCES**

written by

Alexandru Stefan Bacioiu and Ionela Goia

was presented at the 20th ICTS.

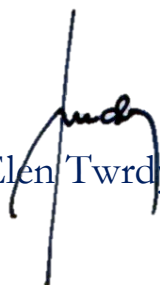
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**CAUSE-EFFECT RELATIONS BETWEEN
ORGANIZATIONAL AND SAFETY PERFORMANCE
INDICATORS**

written by

Dajana Bartulović and Sanja Steiner

was presented at the 20th ICTS.

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The paper titled

**GENERAL CLASSIFICATION OF ANCHOR HANDLING
TUG SUPPLY VESSELS BY GROSS TONNAGE AND
BOLLARD PULL**

written by

**Zlatko Boko, Zaloe Sanchez-Varela, Ivica Skoko and
David Boulosa-Falces**

was presented at the 20th ICTS.

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**WATERWAY SIGNS AND MARKING ON THE RIVER
DRAVA**

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Tanja Brcko, Peter Vidmar and Jure Srše

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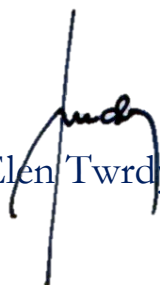
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**STORAGE OF THE SHIP MANEUVERING CAPABILITIES
INTO THE POSTGRES DATABASE**

written by

**Vladimir Brozović, Rino Bošnjak, Danko Kezić and
Filip Brozović**

was presented at the 20th ICTS.

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The paper titled

**ROOT CAUSE ANALYSIS USING ISHIKAWA DIAGRAM
FOR REDUCING LOSS OF CONTROL IN FLIGHT (LOC-I)**

written by

Olja Čokorilo, Jelena Golubović and Srdjan Čokorilo

was presented at the 20th ICTS.

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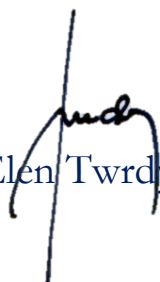
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The paper titled

**THE IMPORTANCE OF MARITIME EDUCATION AND
TRAINING QUALITY CONTROL: THE CASE OF
MONTENEGRO**

written by

**Tatijana Dlabač, Milena Dževerdanović Pejović, Jelena Nikčević
and Vera Kapetanović**

was presented at the 20th ICTS.

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**CRUISE SHIPS ROUTING IN THE SOUTH PART OF THE
ADRIATIC EAST COAST – THE ISLAND OF LASTOVO AND
THE ISLAND OF MLJET**

written by

Josip Dorigatti, Tina Perić and Gorana Jelić Mrčelić

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**RESEARCH ON VESSEL DELAYS ON SWINOUJSCIE -
SZCZECIN WATERWAY IN THE ASPECT OF
LIMITATIONS RESULTING FROM PORT REGULATIONS**

written by

Irmina Durlik, Lucjan Gucma and Tymoteusz Miller

was presented at the 20th ICTS.

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RESULTS OF THE ANALYSIS OF THE EFFECTS OF LOW-SULPHUR FUEL OIL ON THE OPERATION OF THE MARINE TWO-STROKE SLOW-SPEED DIESEL ENGINE

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Joško Dvornik and Srđan Dvornik

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**KEYWORDS AND PHRASES IN TECHNICAL MANUALS ON
OIL SPILLS**

written by

Zorica Đurović, Christelle Nicolas and Violeta Jurkovič

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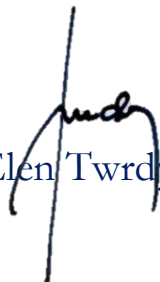
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The paper titled

**ANALYSIS OF THE SOUND LEVEL REACHING THE
MOTORCYCLIST'S AUDITORY SYSTEM**

written by

**Tomasz Figlus, Piotr Szafraniec, Tomáš Skrúcaný,
Jaroslav Mašek and Juraj Čamaj**

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The paper titled

**OVERVIEW OF THE TRENDS IN ELECTRIC PROPULSION
ON RO-PAX FERRIES IN EUROPE**

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Roko Glavinović, Luka Vukić and Ivan Peronja

was presented at the 20th ICTS.

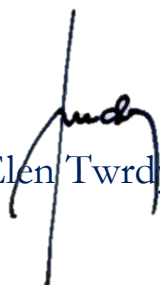
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**INTERMODAL TRANSPORT INDICATORS FOR
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Marko Golnar and Bojan Beškovnik

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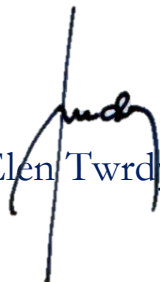
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The paper titled

**ON THE SIMPLIFIED MATHEMATICAL MODELS FOR OIL
SPILL SIMULATIONS**

(Invited session paper)

written by

**Aleksander Grm, Marko Perkovič, Dinu Atodiresei and
Andrei Pocora**

was presented at the 20th ICTS.

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**ANALYSIS OF INCIDENTS AND ACCIDENTS OF LNG AND
LPG VESSELS**

written by

Maciej Gućma and Jun-min Mou

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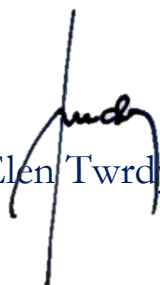
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The paper titled

ALTERNATIVE FECHNOLOGIES OF SHIPS PROPULSION

written by

Niko Gugić, Gojmir Radica, Branko Lalić and Nikola Račić

was presented at the 20th ICTS.

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**METHODOLOGY OF OFFLINE VIBRATION DIAGNOSTIC
TESTING OF MARINE PROPULSION SYSTEMS**

written by

Andrzej Grządziela and Marcin Kluczyk

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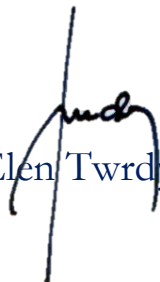
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**EFFECTS OF THE INTRODUCTION OF FREE IJPP
TICKETS IN THE REPUBLIC OF SLOVENIA; CASE STUDY
OF INTRODUCING FREE TICKETS FOR THE TARGET
GROUP**

written by

Danijel Hojski and Marjan Lep

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THE ANALYSIS OF THE CORROSION PROCESS OF A CU-AL-NI SHAPE MEMORY ALLOY IN MARINE IMMERSION AND COSTAL ENVIRONMENT

written by

Špiro Ivošević, Nataša Kovač and Gyöngyi Vastag

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**MARITIME SERVICES IN ADRIATIC SEA AND
WORLDWIDE STRATEGIES OF CONTAINER SHIPS
OPERATORS**

written by

Ronan Kerbiriou and Olivier Joly

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**BLADE DEFORMATION OF A PRESSURE-LOADED
POLYAMIDE MARINE PROPELLER**

written by

Radosław Kiciński, Andrzej Grządziela and Bogdan Szturomski

was presented at the 20th ICTS.

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**DECARBONIZATION OF FISHING OPERATIONS IN PURSE
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written by

**Marija Koričan, Nikola Vladimir, Maja Perčič and
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**ENERGY EFFICIENCY - CONTRIBUTION BY OPTIMIZING
THE LAYOUT OF THE SHIP'S SWITCHBOARD**

written by

**Maja Krčum, Nediljko Kaštelan, Marko Zubčić and
Tomislav Peša**

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**THE ECOLOGY-BASED OPTIMIZATION OF TRAFFIC
SIGNAL TIMING AT DIVERGING DIAMOND
INTERCHANGE**

written by

Katarina Kukić and Aleksandar Jovanović

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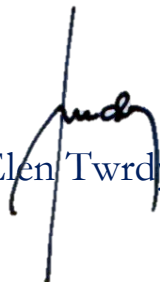
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**CONCESSIONS FOR BUS PUBLIC TRANSPORT;
CHALLENGES AND IMPLEMENTATION OF THE TENDER
IN THE CASE OF SLOVENIA**

written by

**Marjan Lep, Marko Hočevar, Uroš Škufca, Dušan Zalar and
Marjan Kotar**

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The paper titled

**CENTRALITY ANALYSIS OF (ITALIAN) PORTS USING
AUTOMATIC IDENTIFICATION SYSTEMS
(Plenary session paper)**

written by

**Michela Le Pira, Martina Fazio, Nadia Giuffrida, Elena Cocuzza,
Matteo Ignaccolo and Giuseppe Inturri**

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The paper titled

**PORT CITIES DYNAMICS IN NORTH-WESTERN FRANCE:
THE CASES OF DUNKIRK, LE HAVRE AND NANTES-
SAINT-NAZAIRE**

written by

Lilian Loubet and Arnaud Serry

was presented at the 20th ICTS.

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**ANALYSIS OF MATERIAL MOVEMENTS AT PORTS OF SV.
JURAJ AND SV. KAJO CEMENT PLANTS IN PERIOD 2011-
2020**

written by

Ana Macura and Ante Bubić

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**SITUATIONAL AWARENES FROM THE MASTER POINT
OF VIEW AND IMPORTANCE OF FACTORS THAT
INFLUENCE IT**

written by

Mislav Maljković, Srđan Vukša, Pero Vidan and Toni Meštrović

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**PETRI NET MODEL OF AHTS/PSV SUPPLY VESSEL AND
CREW BOAT USABILITY IN NORTH ADRIATIC ON GAS
FIELD IVANA**

written by

**Toni Meštrović, Danko Kezić, Mislav Maljković and
Marina Laušić**

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**USERS' PERCEPTION ON MICROMOBILITY VEHICLES
AND INFRASTRUCTURE IN THE REPUBLIC OF SERBIA**

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**Branko Milovanović, Sreten Jevremović, Predrag Živanović,
Ana Trpković, Slaven Tica and Andrea Nađ**

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**CONCEPTUAL FRAMEWORK FOR MAAS SCHEME
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**EMERGING TOPICS IN MARITIME TRANSPORTATION
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written by

Pinar Ozdemir, Taner Albayrak and Alaettin Sevim

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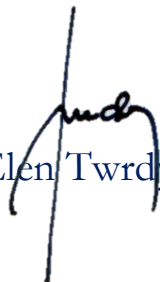
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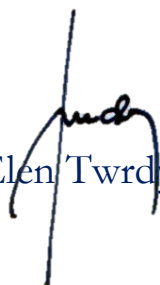
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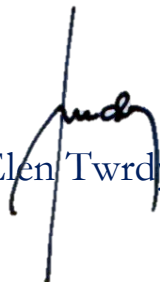
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**MONITORING OF PERFORMANCE SPILL-OVER EFFECT
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**Zvonimir Rezo, Sanja Steiner, Tomislav Mihetec and
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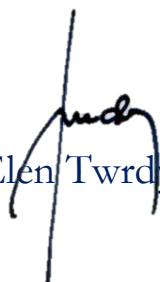
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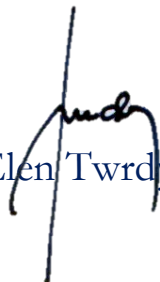
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**WOMEN LOGISTICIANS ON THE MAGIC MOUNTAIN
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(AD AUGÚSTA PER ANGÚSTA)
(Plenary session paper)**

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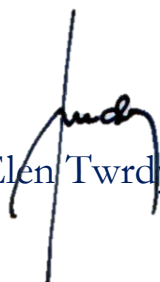
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**PENAL PROVISIONS IN THE NAVIGATION LAW OF THE
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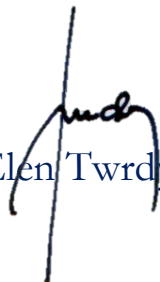
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**HOW CHILDREN EXPERIENCE THE SPEED OF A
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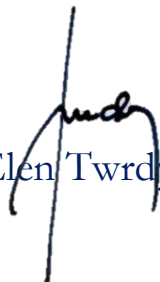
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**REMOTE MONITORING AND ANALYSIS OF OPERATING
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**Kristijan Vidovic, Gojmir Radica, Zdeslav Juric and
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**THE IMPORTANCE OF COASTAL RADIO STATIONS AND
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**ANN IN COUNTING AND CLASSIFICATION OF VESSELS
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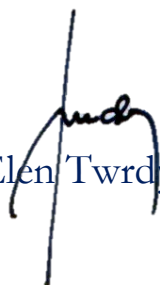
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**THREE DECADES OF PORT DEVELOPMENT: IN
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