Research outputs:

Operational measures to mitigate and reverse the potential modal shifts due to environmental legislation
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Decarbonization of maritime transport: to be or not to be?
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Green Liner Shipping Network Design
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2019 › Research › peer-review

Policy measures to avert possible modal shifts caused by sulphur regulation in the European Ro-Ro sector
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Reducing GHGs: the MBM and MRV Agendas
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2019 › Research › peer-review

Reducing Sulfur Emissions: Logistical and Environmental Considerations
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2019 › Research › peer-review

Reducing Sulphur Emissions: Logistical and Environmental Considerations
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2019 › Research › peer-review

Speed Optimization for Sustainable Shipping
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2019 › Research › peer-review

Speed Optimization vs Speed Reduction: the Choice between Speed Limits and a Bunker Levy
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Sustainable shipping: A cross-disciplinary view
Research output: Book/Report › Book – Annual report year: 2019 › Research › peer-review
The enforcement of the global sulphur cap in maritime transport
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

The profit maximizing liner shipping problem with flexible frequencies: logistical and environmental considerations
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

The Role of Operational Research in Green Freight Transportation
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

The way ahead
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2019 › Research › peer-review

A taxonomy of carbon emission reduction measures in waterborne freight transportation
Research output: Contribution to conference › Paper – Annual report year: 2018 › Research

Key performance indicators to assess and reverse the negative impacts of SECA policies for Ro-Ro Shipping
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Lessons on multi-level governance learned from the bottom-up corridor projects in the Baltic Sea Region
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Operational measures and logistical considerations for the decarbonisation of maritime transport
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

The profit maximizing liner shipping problem with flexible frequencies: balancing economic and environmental performance
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2018 › Research › peer-review

Best practice in multi-level cooperation for transport and growth in the BSR: Thematic study
Research output: Book/Report › Report – Annual report year: 2018 › Research

Model-based corridor performance analysis – An application to a European case
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Report on the outcome of Task 3.2: Measures from policy makers
Research output: Book/Report › Report – Annual report year: 2018 › Research

Ship routing and scheduling: the cart before the horse conjecture
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

The implications of the new sulphur limits on the European Ro-Ro sector
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

A Simple Synchro – Modal Decision Support Tool for the Piraeus Container Terminal
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

A Simple Synchro – Modal Decision Support Tool for the Piraeus Container Terminal
Research output: Contribution to conference › Paper – Annual report year: 2016 › Research › peer-review
Being green on sulphur: Targets, measures and side-effects
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2016 › Research › peer-review

Dynamic vehicle routing problems: Three decades and counting
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Green Maritime Logistics: The Quest for Win-win Solutions
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Green Maritime Logistics
Research output: Contribution to conference › Paper – Annual report year: 2017 › Research › peer-review

Green maritime transportation: Market based measures
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2016 › Research › peer-review

Green transportation logistics: the quest for win-win solutions
Research output: Book/Report › Book – Annual report year: 2016 › Research › peer-review

Payback Period for Emissions Abatement Alternatives: Role of Regulation and Fuel Prices
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Performance assessment of a freight corridor on the basis of transport model results
Research output: Contribution to conference › Paper – Annual report year: 2017 › Research › peer-review

The implications of the new sulphur limits on the European Ro-Ro sector
Research output: Contribution to conference › Paper – Annual report year: 2017 › Research › peer-review

Transportation Emissions: some basics
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2017 › Research › peer-review

Cargo-mix optimization in Liner Shipping
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Cargo-mix optimization in Liner Shipping
Research output: Contribution to conference › Paper – Annual report year: 2016 › Research › peer-review

Directions for further research
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Green corridors and their possible impact on the European supply chain
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2016 › Research › peer-review

Green maritime transportation: Speed and route optimization
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2015 › Research › peer-review
Guest Editorial: Special Issue on Maritime Transportation and Port Logistics
Research output: Contribution to journal › Editorial – Annual report year: 2015 › Research › peer-review

Maritime routing and speed optimization with emission control areas
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Maritime shipping and emissions: A three-layered, damage-based approach
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Maritime Transportation
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2015 › Research › peer-review

On two speed optimization problems for ships that sail in and out of emission control areas
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Slow Steaming in Maritime Transportation: Fundamentals, Trade-offs, and Decision Models
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2015 › Research › peer-review

Speed Optimization for Green Maritime Logistics: Status and Prospects
Research output: Contribution to conference › Paper – Annual report year: 2015 › Research › peer-review

The economic speed of an oceangoing vessel in a dynamic setting
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

The GreCOR project: Green corridor benchmarking
Research output: Book/Report › Report – Annual report year: 2015 › Research

Academic substance and location: The national technical university of Athens’ five-year program
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Combining Speed and Routing Decisions In Maritime Transportation
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2014 › Research › peer-review

Estimating the Operational Effect of a Bunker Levy: The Case of Handymax Bulk Carriers
Research output: Contribution to conference › Paper – Annual report year: 2014 › Research › peer-review

Green Maritime Logistics
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review

How green are the TEN-T core network corridors?
Research output: Contribution to conference › Paper – Annual report year: 2014 › Research › peer-review

Ship speed optimization: Concepts, models and combined speed-routing scenarios
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Spotlight on the mediterranean
Research output: Contribution to journal › Editorial – Annual report year: 2014 › Research
The possible designation of the Mediterranean Sea as a SECA: A case study
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Bridging the Energy Efficiency Gap in Shipping: The case of Principal-Agent Problems in operational emission reduction measures
Research output: Contribution to conference › Paper – Annual report year: 2013 › Research › peer-review

Green Corridors in European Surface Freight Logistics
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2013 › Research › peer-review

Northern Sea Route: Effect on Modal Shift and Modal Choice
Research output: Contribution to conference › Paper – Annual report year: 2013 › Research › peer-review

Speed models for energy-efficient maritime transportation: A taxonomy and survey
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

An Updated Analysis of IOPCF Oil Spill Data: Estimation of the Disutility Cost of Tanker Oil Spills
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2012 › Research › peer-review

Concession of the Piraeus container terminal: turbulent times and the quest for competitiveness
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Estimating the consequence costs of oil spills from tankers
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Formal Safety Assessment: an updated review
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Green Corridors and the Trans-European Transport Network
Research output: Contribution to conference › Paper – Annual report year: 2012 › Research › peer-review

Green Corridors in European Surface Freight Logistics and the SuperGreen Project
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Market-based measures for greenhouse gas emissions from ships: A review
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Modeling tankers’ optimal speed and emissions
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Modelling tankers’ optimal speed and emissions
Research output: Contribution to conference › Paper – Annual report year: 2012 › Research › peer-review

New Regulations & Climate Change: Effect on Modal Split & Modal Choice
Research output: Contribution to conference › Paper – Annual report year: 2012 › Research › peer-review

Ship Emissions, Costs and Their Tradeoffs
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2012 › Research › peer-review
The Economics of Ships
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2012 › Research › peer-review

The SuperGreen project and green corridor benchmarking
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2012 › Research › peer-review

A multi-commodity, capacitated pickup and delivery problem: The single and two-vehicle cases
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Estimating the Consequence Costs of Oil Spills from Tankers
Research output: Contribution to conference › Paper – Annual report year: 2011 › Research › peer-review

Key performance indicators for green corridors in European freight Transportation
Research output: Contribution to conference › Paper – Annual report year: 2011 › Research › peer-review

Letter to the Editor
Research output: Contribution to journal › Letter – Annual report year: 2011 › Research

Liner shipping cycle cost modelling, fleet deployment optimization and what-if analysis
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

The effects of regulatory changes on green freight corridors
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2011 › Research › peer-review

The role of ports in Short Sea Shipping
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review

Balancing the economic and environmental performance of maritime transportation
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Carbon dioxide emissions valuation and its uses
Research output: Contribution to conference › Paper – Annual report year: 2010 › Research › peer-review

Concession of the Piraeus Container Terminal: Turbulent times and the quest for competitiveness
Research output: Contribution to conference › Paper – Annual report year: 2010 › Research › peer-review

Container transportation as an interdependent security problem
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Establishment of a system to compare Energy Usage and Emissions for all transport modes
Research output: Contribution to conference › Paper – Annual report year: 2010 › Research › peer-review
Green maritime logistics: some simple models

Life-cycle co2 emissions of bulk carriers: A comparative study

Modelling Security Aspects of Merchant Shipping: a Piracy setting

Reduction of Emissions Along the Intermodal Container Chain

An Online Ship Emissions Calculator as a Decision-Making Aid and Policy Evaluation Tool

A web-based open emissions calculator

Caspian - Black Sea - SE European Gas Corridors and the LNG parameter: A scenario bundles approach

CO2 emission statistics for the world commercial fleet

Formal safety assessment: A critical review

Game Theory contributions to Terrorism in Merchant Shipping: an Application to Port Security

Life cycle cost of maintaining the effectiveness of a ship's structure and environmental impact of ship design parameters: An update
Research output: Contribution to conference – Conference abstract for conference – Annual report year: 2009 – Research – peer-review

Liner Shipping Costs and Logistics: A Literature Survey and Taxonomy of Problems
Research output: Non-textual form – Sound/Visual production (digital) – Annual report year: 2009 – Communication

Ship Emissions: Logistics and Other Tradeoffs

Speed Reduction as an Emissions Reduction Measure for Fast Ships

The LNG market: A game theoretic approach to competition in LNG shipping

A model-based approach for tactical decision making in oil spill response
CO₂ Emissions Statistics for the World Commercial Fleet
Research output: Contribution to conference › Paper – Annual report year: 2008 › Research › peer-review

Early Commitment and Entry Deterrence in an LNG shipping market
Research output: Contribution to conference › Paper – Annual report year: 2008 › Research › peer-review

Environmental risk evaluation criteria
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

The role of Mediterranean short sea shipping in the EU transport chain: The case of Greece
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

A decision-making model for oil spill response at the tactical level
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research › peer-review

Improvements FSA as a Prerequisite for Risk-Based GBS
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research › peer-review

Improving FSA as a Prerequisite for Risk-Based GBS
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research › peer-review

Investment Rules and Competition Patterns in LNG Shipping: A Game Theory Approach
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research › peer-review

Public Financing and Charging in EU seaports: The Case of Greece
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research › peer-review

Radio Frequency Identification (RFID) Technology in the Ocean Container Transport
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research › peer-review

RFID-enabled Innovative Solutions Promote Container Security
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research › peer-review

Risk based rulemaking and design - Proceed with caution
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research › peer-review

The Two C’s of the Risk-Based Approach to Goal based Standards: Challenges and Caveats
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research › peer-review

The Two C’s of the Risk-Based Approach to Goal-Based Standards: Challenges and Caveats
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research › peer-review

Θεσμικα μοντέλα για τον Οργανισμο Λιμενος Πειραιως
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research › peer-review
A Multi-Stage Optimization-Based Approach for the Liner Shipping Problem
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research › peer-review

An Intelligent Robot System to Respond to Oil Spills: the EU-MOP Project
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research › peer-review

Maritime safety in the post-prestige era
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Risk Limits of Oil Transportation in the Aegean Sea
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research › peer-review

Ship-Generated Oil Pollution in the Mediterranean Sea: the Situation and the EU-MOP Solution
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research › peer-review

Tanker accidents and environmental disasters: has the maritime industry acknowledged their connection to Human & Organizational Errors?
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research › peer-review

The EU-MOP Concept: A Swarm Robotics Approach for Oil Spill Control
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research › peer-review

A Generic Ship for the Shortsea Trades of the EU
Research output: Contribution to conference › Paper – Annual report year: 2005 › Research › peer-review

An Analysis of the European Union’s Ports Policy
Research output: Contribution to conference › Paper – Annual report year: 2005 › Research › peer-review

A Review on the Integration of Human Factor in Marine Safety: The Sleeping Giant under the Spotlight
Research output: Contribution to conference › Paper – Annual report year: 2005 › Research › peer-review

Cost-Benefit Analysis for Ship Automation Retrofit: The Case of Icebreaker FREJ
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

EU ports policy: Where do we go from here?
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Exploring for the risk limits of oil transport in the Aegean Sea: The current records and perspectives of tanker safety
Research output: Contribution to conference › Paper – Annual report year: 2005 › Research › peer-review

Introduction to an Innovative Crew Composition Approach Based on Safety/Operational and Financial Requirements
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Maritime Safety in the Post-Prestige Era
Research output: Contribution to conference › Paper – Annual report year: 2005 › Research › peer-review

Optimizing shipping company operations using business process modelling
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Tariff reform in the Port of Piraeus: A practical approach
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review
A high-level synthesis of oil spill response equipment and countermeasures
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Analysis of the Greek Coastal Shipping Companies with a Multi-Criteria Evaluation Model
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review

An Evaluation Model for Forecasting Methodologies in the Port Industry
Research output: Contribution to conference › Paper – Annual report year: 2004 › Research › peer-review

Critical Analysis of Tanker Op-Ex Adjusting Crew Synthesis, Automation Level and Maintenance
Research output: Contribution to conference › Paper – Annual report year: 2004 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Research output: Contribution to conference › Paper – Annual report year: 2002 › Research › peer-review

Introducing E-brokerage in European Transport Services: the Case of the PROSIT Project
Research output: Contribution to conference › Paper – Annual report year: 2002 › Research › peer-review

Maritime safety: To be or not to be proactive
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Optimizing Manpower On-Board Ships Targeting to the Increase of the Competitiveness of the EU Fleet the Case of a Ship Oriented Automation Electronic Tool (ACOSTOS™)
Research output: Contribution to conference › Paper – Annual report year: 2002 › Research › peer-review

The Usage of Tree Analysis in the Context of a Strategic Approach Concerning Incidents of Oil Marine Pollution: Introduction of the Event-Decision Network
Research output: Contribution to conference › Paper – Annual report year: 2002 › Research › peer-review

A Review Analysis of International and Greek Databases Concerning Oil Spills: The Case of a New Greek Oil Spill Database
Research output: Contribution to conference › Paper – Annual report year: 2001 › Research › peer-review

A Statistical Approach on Oil Pollution in Greek Seas
Research output: Contribution to conference › Paper – Annual report year: 2001 › Research › peer-review

A synthesis algorithm for responding to oil spills using complementary locations on networks
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Contribution of Telematics in the Management of Oil Spill Issues
Research output: Contribution to conference › Paper – Annual report year: 2001 › Research › peer-review

Implementation of a Multi-Level Statistical Analysis on a New Database Covering Oil Pollution in Greek Seas: Definitions & Results
Research output: Contribution to conference › Paper – Annual report year: 2001 › Research › peer-review
The Port of Piraeus Enters the New Millennium
Research output: Chapter in Book/Report/Conference proceeding › Preface/postscript – Annual report year: 2001 › Research › peer-review

Πειραιας - Κέντρο Ναυτιλίας και Πολιτισμού
Research output: Chapter in Book/Report/Conference proceeding › Preface/postscript – Annual report year: 2000 › Research › peer-review

An Analysis of Maritime Transportation Risk Factors
Research output: Contribution to conference › Paper – Annual report year: 1998 › Research › peer-review

A Prototype Statistical Approach of Oil Pollution in the Mediterranean Sea
Research output: Contribution to conference › Paper – Annual report year: 1998 › Research › peer-review

A Statistical and Strategic Survey of Oil Pollution in the Mediterranean Sea
Research output: Contribution to conference › Paper – Annual report year: 1998 › Research › peer-review

Strategies for Mediterranean Port Development
Research output: Contribution to conference › Paper – Annual report year: 1998 › Research › peer-review

The Human Element as a Factor in Marine Accidents
Research output: Contribution to conference › Paper – Annual report year: 1998 › Research › peer-review

Reduced Manning to Increase Fleet Competitiveness
Research output: Contribution to conference › Paper – Annual report year: 1996 › Research › peer-review

Research in European Shortsea Shipping: the State of the Art
Research output: Contribution to conference › Paper – Annual report year: 1996 › Research › peer-review

The link between Greece and the rest of EU countries: Status and prospects
Research output: Contribution to conference › Paper – Annual report year: 1996 › Research › peer-review

Dynamic vehicle routing: Status and prospects
Research output: Contribution to journal › Journal article – Annual report year: 1995 › Research › peer-review

Greek Coastal Shipping System: Impact of New Technologies and Market Deregulation on Modal Split
Research output: Contribution to conference › Paper – Annual report year: 1994 › Research › peer-review

Institutional and Socioeconomic Issues in Greek Ferry Services
Research output: Contribution to conference › Paper – Annual report year: 1994 › Research › peer-review

Modal Split in Greek Shortsea Passenger/Car Transport
Research output: Contribution to conference › Paper – Annual report year: 1994 › Research › peer-review

Dynamic shortest paths in acyclic networks with Markovian arc costs
Research output: Contribution to journal › Journal article – Annual report year: 1993 › Research › peer-review

Probabilistic Ship Structural Analysis: An Incorrect Way to Compute the Probability of Failure
Research output: Contribution to journal › Journal article – Annual report year: 1993 › Research › peer-review

Impact of New Technologies on Shortsea Shipping in Greece
Research output: Contribution to conference › Paper – Annual report year: 1992 › Research › peer-review
Routing and Scheduling on a Shoreline with Release Times
Research output: Contribution to journal › Journal article – Annual report year: 1990 › Research › peer-review

Dynamic Vehicle Routing Problems
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 1988 › Research › peer-review

Oil Spill Risk Management: The Strategic Response Case
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1987 › Research › peer-review

A heuristic algorithm for the multivehicle advance request dial-a-ride problem with time windows
Research output: Contribution to journal › Journal article – Annual report year: 1986 › Research › peer-review

Optimal response to oil spills: The strategic decision case
Research output: Contribution to journal › Journal article – Annual report year: 1986 › Research › peer-review

Scheduling Large-Scale Advance-Request Dial-A-Ride Systems
Research output: Contribution to journal › Journal article – Annual report year: 1986 › Research › peer-review

A tactical decision algorithm for the optimal dispatching of oil spill cleanup equipment
Research output: Contribution to journal › Journal article – Annual report year: 1985 › Research › peer-review

A sequential hypothesis testing, optimal stopping problem in underwater acoustic detection
Research output: Contribution to journal › Journal article – Annual report year: 1984 › Research › peer-review

On the practical importance of asymptotic optimality in certain heuristic algorithms
Research output: Contribution to journal › Journal article – Annual report year: 1984 › Research › peer-review

Analysis of an O(N²) heuristic for the single vehicle many-to-many Euclidean dial-a-ride problem
Research output: Contribution to journal › Journal article – Annual report year: 1983 › Research › peer-review

An Exact Algorithm For The Single Vehicle Many-To-Many Dial-A-Ride Problem With Time Windows
Research output: Contribution to journal › Journal article – Annual report year: 1983 › Research › peer-review

Detection Modelling of Unsaturated and Partially Saturated Ocean Acoustic Signals
Research output: Contribution to conference › Paper – Annual report year: 1983 › Research › peer-review

Discrete-Time Detection Modelling for Unsaturated Ocean Acoustic Propagation
Research output: Contribution to journal › Journal article – Annual report year: 1983 › Research › peer-review

First Experiences with the Massachusetts Institute of Technology Oil Spill Model
Research output: Contribution to conference › Paper – Annual report year: 1983 › Research › peer-review

K-Interchange Procedures For Local Search In A Precedence-Constrained Routing Problem
Research output: Contribution to journal › Journal article – Annual report year: 1983 › Research › peer-review

Putting an Oil Spill Cleanup Computer Model to Work for the Navy
Research output: Contribution to conference › Paper – Annual report year: 2017 › Research › peer-review
Water Pollution
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 1983 › Research › peer-review

A Basic Problem of Resource Allocation in Target Tracking
Research output: Contribution to journal › Journal article – Annual report year: 1982 › Research › peer-review

Myopic and Presbyopic Approaches to a Multi-Sensor, Multi-Target Resource Allocation Problem
Research output: Contribution to conference › Paper – Annual report year: 1982 › Research › peer-review

A Critical Review of Oil Spill Risk Analysis
Research output: Contribution to conference › Paper – Annual report year: 1981 › Research › peer-review

Memory Detection Models for Phase-Random Ocean Acoustic Fluctuations
Research output: Contribution to conference › Paper – Annual report year: 1981 › Research › peer-review

On a New Model for the Ocean Acoustic Detection Process
Research output: Contribution to journal › Journal article – Annual report year: 1981 › Research › peer-review

The Legal Environment Component of an Oil Spill Cleanup Model
Research output: Contribution to conference › Paper – Annual report year: 1981 › Research › peer-review

A dynamic programming approach for sequencing groups of identical jobs
Research output: Contribution to journal › Journal article – Annual report year: 1980 › Research › peer-review

A dynamic programming solution to the single vehicle many-to-many immediate request dial-a-ride problem
Research output: Contribution to journal › Journal article – Annual report year: 1980 › Research › peer-review

National Response Capability to Oil Spills: A Systems Approach
Research output: Contribution to conference › Paper – Annual report year: 1980 › Research › peer-review

Some New Aspects of Slamming Probability Theory
Research output: Contribution to journal › Journal article – Annual report year: 1978 › Research › peer-review

Projects:

Cyber Resilience for the Shipping Industry (CyberShip)
Project: Research

ShipCLEAN - Energy efficient marine transport through optimization of coupled transportation logistics and energy systems analyses
Project: Research

Smart Maritime: Norwegian Centre for improved energy efficiency and reduced harmful emissions
Project: Research

BlueSIROS – Satellite Integrated Route Optimisation Service
Project: Research

SCANDRIA2ACT: Sustainable and Multimodal Transport Actions in the Scandinavian-Adriatic Corridor
Project: Research
TENTacle - Capitalising on TEN-T core network corridors for prosperity, growth and cohesion
Project: Research

Liner shipping network design based on local optimization
Project: PhD

Cargo-mix optimisation
Project: PhD

Green corridors in freight logistics
Project: PhD

Real Time Process Management for Error Correction and Maintenance in Railways
Project: PhD

Efficient Algorithms for integrated Container Terminal Activities
Project: PhD

The Framework of phase-based planning of railway
Project: PhD

Competitive Liner Shipping Network Design
Project: PhD

Mitigating and reversing the side-effects of environmental legislation on Ro-Ro shipping in Northern Europe
Project: Research

ConCoord
Project: Research

Activities:

Speed Optimization vs Speed Reduction in Maritime Transport: the Speed Limit Debate
Activity: Talks and presentations › Conference presentations

Sustainable shipping: to be or not to be
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

The profit maximizing liner shipping problem with flexible frequencies: balancing economic and environmental performance
Activity: Talks and presentations › Conference presentations

Liner shipping with flexible frequencies: logistical and environmental considerations
Activity: Talks and presentations › Conference presentations

Sustainable shipping
Activity: Other

The profit maximizing liner shipping problem with flexible frequencies
Activity: Talks and presentations › Conference presentations
ROUTE 2018
Activity: Other

MBMs: the IMO discussion
Activity: Talks and presentations › Conference presentations

Decarbonization of shipping: status and prospects
Activity: Talks and presentations › Conference presentations

Maritime Logistics and Cybersecurity at DTU
Activity: Other

The profit maximizing liner shipping problem with flexible frequencies: logistical and environmental considerations
Activity: Talks and presentations › Conference presentations

Reducing emissions in maritime transportation (ii)
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Reducing emissions in maritime transportation
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Hong Kong Polytechnic University
Activity: Visiting an external institution › Visiting another research institution

Green Maritime Logistics
Activity: Talks and presentations › Conference presentations

Transportation Science (Journal)
Activity: Editorial work and peer review › Series editor › Communication