Harilaos N. Psaraftis - DTU Orbit (11/02/2019)
Psaraftis, Harilaos N.
hnpsar@dtu.dk
Department of Management Engineering - Professor
Transport DTU
Management Science
Operations Management

Research outputs:

**Operational measures to mitigate and reverse the potential modal shifts due to environmental legislation**
Zis, T. & Psaraftis, H. N. 28 Apr 2019 In : Maritime Policy and Management. 46, 1, 16 p.
Research output: Research - peer-review › Journal article – Annual report year: 2019

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

**Reducing GHGs: the MBM and MRV Agendas**
Psaraftis, H. N. & Woodall, P. 2019 (Accepted/In press) Sustainable shipping: A cross-disciplinary view. Springer
Research output: Research - peer-review › Book chapter – Annual report year: 2019

**Reducing Sulphur Emissions: Logistical and Environmental Considerations**
Zis, T. & Psaraftis, H. N. 2019 (Accepted/In press) Sustainable shipping: A cross-disciplinary view. Springer
Research output: Research - peer-review › Book chapter – Annual report year: 2019

**Speed Optimization for Sustainable Shipping**
Psaraftis, H. N. 2019 (Accepted/In press) Sustainable shipping: A cross-disciplinary view. Springer
Research output: Research - peer-review › Book chapter – Annual report year: 2019

**Sustainable shipping: A cross-disciplinary view**
Research output: Research - peer-review › Book – Annual report year: 2019

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

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

**The way ahead**
Psaraftis, H. N. & Zachariadis, P. 2019 (Accepted/In press) Sustainable shipping: A cross-disciplinary view. Springer
Research output: Research - peer-review › Book chapter – Annual report year: 2019

**A taxonomy of carbon emission reduction measures in waterborne freight transportation**
Panagakos, G. & Psaraftis, H. N. 2018
Research output: Research › Paper – Annual report year: 2018
Key performance indicators to assess and reverse the negative impacts of SECA policies for Ro-Ro Shipping
Zis, T. & Psaraftis, H. N. 2018 In : FME Transactions. 46, 3, p. 347-354
Research output: Research - peer-review › Journal article – Annual report year: 2018

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

Operational measures and logistical considerations for the decarbonisation of maritime transport
Zis, T. & Psaraftis, H. N. 2018
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

The profit maximizing liner shipping problem with flexible frequencies: balancing economic and environmental performance
Psaraftis, H. N. & Giovannini, M. 2018
Research output: Research - peer-review › Sound/Visual production (digital) – Annual report year: 2018

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

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

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

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

The implications of the new sulphur limits on the European Ro-Ro sector
Zis, T. & Psaraftis, H. N. 2017 In : Transportation Research. Part D: Transport & Environment. 52, p. 185-201
Research output: Research - peer-review › Journal article – Annual report year: 2017

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

A Simple Synchro – Modal Decision Support Tool for the Piraeus Container Terminal
Research output: Research - peer-review › Paper – Annual report year: 2016

Being green on sulphur: Targets, measures and side-effects
Research output: Research - peer-review › Book chapter – Annual report year: 2016

Dynamic vehicle routing problems: Three decades and counting
Research output: Research - peer-review › Journal article – Annual report year: 2015
Green corridors in freight logistics
Panagakos, G., Psaraftis, H. N. & Larsen, A. 2016 Technical University of Denmark (DTU).

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

Green Maritime Logistics
Psaraftis, H. N. & Kontovas, C. A. 2016
Research output: Research - peer-review › Paper – Annual report year: 2017

Green maritime transportation: Market based measures
Research output: Research - peer-review › Book chapter – Annual report year: 2016

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

Payback Period for Emissions Abatement Alternatives: Role of Regulation and Fuel Prices
Zis, T., Angeloudis, P., Bell, M. G. H. & Psaraftis, H. N. 2016 In : Transportation Research Record. 2549, p. 37-44
Research output: Research - peer-review › Journal article – Annual report year: 2016

Performance assessment of a freight corridor on the basis of transport model results
Panagakos, G. & Psaraftis, H. N. 2016
Research output: Research - peer-review › Paper – Annual report year: 2017

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

Transportation Emissions: some basics
Research output: Research - peer-review › Book chapter – Annual report year: 2017

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

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

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

Green corridors and their possible impact on the European supply chain
Green maritime transportation: Speed and route optimization
Research output: Research - peer-review Book chapter – Annual report year: 2015

Guest Editorial: Special Issue on Maritime Transportation and Port Logistics
Psaraftis, H. N. 2015 In : Transportation Science. 49, 4, p. 868-869
Research output: Research - peer-review Editorial – Annual report year: 2015

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

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

Maritime Transportation
Research output: Research - peer-review Book chapter – Annual report year: 2015

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

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

Speed Optimization for Green Maritime Logistics: Status and Prospects
Psaraftis, H. N. & Kontovas, C. A. 2015
Research output: Research - peer-review Paper – Annual report year: 2015

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

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

Academic substance and location: The national technical university of Athens' five-year program
Spyrou, K. J. & Psaraftis, H. N. 2014 In : (mt) Marine Technology. 51, 1, p. 61-66
Research output: Research - peer-review Journal article – Annual report year: 2014

Combining Speed and Routing Decisions in Maritime Transportation
Research output: Research - peer-review Conference abstract for conference – Annual report year: 2014
Estimating the Operational Effect of a Bunker Levy: The Case of Handymax Bulk Carriers
Research output: Research - peer-review › Paper – Annual report year: 2014

Green Maritime Logistics
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

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

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

Spotlight on the Mediterranean
Research output: Research › Editorial – Annual report year: 2014

The possible designation of the Mediterranean Sea as a SECA: A case study
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

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

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

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

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

Concession of the Piraeus container terminal: turbulent times and the quest for competitiveness
Psaraftis, H. N. & Pallis, A. A. 2012 In : Maritime Policy and Management. 39, 1, p. 27-43
Research output: Research - peer-review › Journal article – Annual report year: 2012
Estimating the consequence costs of oil spills from tankers
Research output: Research - peer-review › Journal article – Annual report year: 2012

Formal Safety Assessment: an updated review
Psaraftis, H. N. 2012 In : Journal of Marine Science and Technology. 17, 3, p. 390-402
Research output: Research - peer-review › Journal article – Annual report year: 2012

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

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

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

Modeling tankers’ optimal speed and emissions
Gkonis, K. G. & Psaraftis, H. N. 2012 In : Society of Naval Architects and Marine Engineers. Transactions. 120, p. 90-115
Research output: Research - peer-review › Journal article – Annual report year: 2012

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

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

Ship Emissions, Costs and Their Tradeoffs
Research output: Research - peer-review › Book chapter – Annual report year: 2012

The Economics of Ships
Research output: Research - peer-review › Book chapter – Annual report year: 2012

The SuperGreen project and green corridor benchmarking
Research output: Research - peer-review › Book chapter – Annual report year: 2012

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

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<tr>
<th>Title</th>
<th>Authors</th>
<th>Year</th>
<th>Journal/Publication</th>
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<tr>
<td>Key performance indicators for green corridors in European freight Transportation</td>
<td>Panagakos, G. P. &amp; Psaraftis, H. N.</td>
<td>2011</td>
<td></td>
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<tr>
<td>Carbon dioxide emissions valuation and its uses</td>
<td>Kontovas, C. A. &amp; Psaraftis, H. N.</td>
<td>2010</td>
<td></td>
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<tr>
<td>Concession of the Piraeus Container Terminal: Turbulent times and the quest for competitiveness</td>
<td>Psaraftis, H. N. &amp; Pallis, A. A.</td>
<td>2010</td>
<td></td>
</tr>
<tr>
<td>Establishment of a system to compare Energy Usage and Emissions for all transport modes</td>
<td>Lindstad, H., Markve, O. T. &amp; Psaraftis, H. N.</td>
<td>2010</td>
<td></td>
</tr>
</tbody>
</table>
Life-cycle co2 emissions of bulk carriers: A comparative study
Research output: Research - peer-review › Journal article – Annual report year: 2010

Modelling Security Aspects of Merchant Shipping: a Piracy setting
Research output: Research - peer-review › Paper – Annual report year: 2010

Reduction of Emissions Along the Intermodal Container Chain
Research output: Research - peer-review › Paper – Annual report year: 2010

An Online Ship Emissions Calculator as a Decision-Making Aid and Policy Evaluation Tool
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

A web-based open emissions calculator
Research output: Research - peer-review › Journal article – Annual report year: 2009

Caspian - Black Sea - SE European Gas Corridors and the LNG parameter: A scenario bundles approach
Research output: Research - peer-review › Paper – Annual report year: 2009

CO2 emission statistics for the world commercial fleet
Research output: Research - peer-review › Journal article – Annual report year: 2009

Formal safety assessment: A critical review
Kontovas, C. A. & Psaraftis, H. N. 2009 In : Marine Technology. 46, 1, p. 45-59
Research output: Research - peer-review › Journal article – Annual report year: 2009

Game Theory contributions to Terrorism in Merchant Shipping: an Application to Port Security
Research output: Research - peer-review › Paper – Annual report year: 2009

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

Liner Shipping Costs and Logistics: A Literature Survey and Taxonomy of Problems
Gkonis, K. G., Psaraftis, H. N. & Tsilingiris, P. S. 2009
Research output: Communication › Sound/Visual production (digital) – Annual report year: 2009

Ship Emissions: Logistics and Other Tradeoffs
Research output: Research - peer-review › Paper – Annual report year: 2009

Speed Reduction as an Emissions Reduction Measure for Fast Ships
Research output: Research - peer-review › Paper – Annual report year: 2009
The LNG market: A game theoretic approach to competition in LNG shipping
Gkonis, K. G. & Psaraftis, H. N. 2009 In : Maritime Economics & Logistics. 11, 2, p. 227-246
Research output: Research - peer-review › Journal article – Annual report year: 2009

A model-based approach for tactical decision making in oil spill response
Research output: Research - peer-review › Paper – Annual report year: 2008

CO₂ Emissions Statistics for the World Commercial Fleet
Research output: Research - peer-review › Paper – Annual report year: 2008

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

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

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

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

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

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

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

Nαυτιλια μικρων αποστασεων στη Μεσογειο: Καιρος για αλλαγες
Research output: Communication › Sound/Visual production (digital) – Annual report year: 2007

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

Radio Frequency Identification (RFID) Technology in the Ocean Container Transport
Research output: Research - peer-review › Paper – Annual report year: 2007
RFID-enabled Innovative Solutions Promote Container Security
Research output: Research - peer-review › Paper – Annual report year: 2007

Risk based rulemaking and design - Proceed with caution
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

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

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

Θεσμικα μοντέλα για τον Οργανισμο Λιμενος Πειραιως
Research output: Research - peer-review › Paper – Annual report year: 2007

A Multi-Stage Optimization-Based Approach for the Liner Shipping Problem
Research output: Research - peer-review › Paper – Annual report year: 2006

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

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

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

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

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

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

A Generic Ship for the Shortsea Trades of the EU
Research output: Research - peer-review › Paper – Annual report year: 2005
An Analysis of the European Union's Ports Policy
Research output: Research - peer-review › Paper – Annual report year: 2005

A Review on the Integration of Human Factor in Marine Safety: The Sleeping Giant under the Spotlight
Ventikos, N. P. & Psaraftis, H. N. 2005
Research output: Research - peer-review › Paper – Annual report year: 2005

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

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

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

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

Maritime Safety in the Post-Prestige Era
Psaraftis, H. N. 2005
Research output: Research - peer-review › Paper – Annual report year: 2005

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

Tariff reform in the Port of Piraeus: A practical approach
Research output: Research - peer-review › Journal article – Annual report year: 2005

A high-level synthesis of oil spill response equipment and countermeasures
Research output: Research - peer-review › Journal article – Annual report year: 2004

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

An Evaluation Model for Forecasting Methodologies in the Port Industry
Schinas, O. D. & Psaraftis, H. N. 2004
Research output: Research - peer-review › Paper – Annual report year: 2004

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

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

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

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

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: Research - peer-review › Paper – Annual report year: 2002

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: Research - peer-review › Paper – Annual report year: 2002

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

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

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

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

Implementation of a Multi-Level Statistical Analysis on a New Database Covering Oil Pollution in Greek Seas: Definitions & Results
Ventikos, N. P. & Psaraftis, H. N. 2001
Research output: Research - peer-review › Paper – Annual report year: 2001

The Port of Piraeus Enters the New Millennium
Psaraftis, H. N. 2001 10,000 Years of Greek Shipping. 1 ed. T&T publishing, 4 p.
Research output: Research - peer-review › Preface/postscript – Annual report year: 2001
An Analysis of Maritime Transportation Risk Factors
Research output: Research - peer-review › Paper – Annual report year: 1998

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

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

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

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

Reduced Manning to Increase Fleet Competitiveness
Psaraftis, H. N. 1996
Research output: Research - peer-review › Paper – Annual report year: 1996

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

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

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

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

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

Modal Split in Greek Shortsea Passenger/Car Transport
Research output: Research - peer-review › Paper – Annual report year: 1994
An Exact Algorithm For The Single Vehicle Many-To-Many Dial-A-Ride Problem With Time Windows
Research output: Research - peer-review | Journal article – Annual report year: 1983

Detection Modelling of Unsaturated and Partially Saturated Ocean Acoustic Signals
Perakis, A. N., Psaraftis, H. N. & Gonzalez, H. 1983
Research output: Research - peer-review | Paper – Annual report year: 1983

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

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

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

Putting an Oil Spill Cleanup Computer Model to Work for the Navy
Research output: Research - peer-review | Paper – Annual report year: 2017

Water Pollution
Research output: Research - peer-review | Book chapter – Annual report year: 1983

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

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

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

Memory Detection Models for Phase-Random Ocean Acoustic Fluctuations
Psaraftis, H. N., Perakis, A. N. & Mikhelevsky, P. N. 1981
Research output: Research - peer-review | Paper – Annual report year: 1981

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

The Legal Environment Component of an Oil Spill Cleanup Model
Research output: Research - peer-review | Paper – Annual report year: 1981
A dynamic programming approach for sequencing groups of identical jobs
Research output: Research - peer-review › Journal article – Annual report year: 1980

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

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

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

Projects:

CyberShip: Cyber Resilience for the Shipping Industry (CyberShip)
Barfod, M. B., Psaraftis, H. N., Jensen, C. D., Sepúlveda Estay, D. A. & Sahay, R.
01/09/2017 → 31/08/2019
Project: Research

ShipCLEAN: ShipCLEAN - Energy efficient marine transport through optimization of coupled transportation logistics and energy systems analyses
Psaraftis, H. N.
01/09/2017 → 31/12/2019
Project: Research

Smart Maritime: Smart Maritime: Norwegian Centre for improved energy efficiency and reduced harmful emissions
Psaraftis, H. N.
01/09/2016 → 31/08/2019
Project: Research

BlueSiros: BlueSIROS – Satellite Integrated Route Optimisation Service
Psaraftis, H. N.
01/05/2016 → 13/10/2016
Project: Research

SCANDRIA2ACT: SCANDRIA2ACT: Sustainable and Multimodal Transport Actions in the Scandinavian-Adriatic Corridor
Psaraftis, H. N.
20/11/2015 → 30/04/2019
Project: Research

TENTACLE: TENTacle- Capitalising on TEN-T core network corridors for prosperity, growth and cohesion
Psaraftis, H. N.
20/11/2015 → 30/04/2019
Project: Research

Liner shipping network design based on local optimization
Samfinansieret - Andet
01/09/2014 → 16/04/2018
Project: PhD
Cargo-mix optimisation
Forskningsrådsfinansiering
01/09/2014 → 01/02/2018
Project: PhD

Green corridors in freight logistics
Samfinansieret - Andet
15/08/2014 → 25/11/2016
Project: PhD

Real Time Process Management for Error Correction and Maintenance in Railways
Institut stipendie (DTU) Samf.
15/06/2013 → 23/03/2017
Project: PhD

Efficient Algorithms for integrated Container Terminal Activities
Institut stipendie (DTU) Samf.
01/02/2013 → 04/07/2016
Project: PhD

The Framework of phase-based planning of railway
Li, R., Larsen, A., Landex, A., Landex, A., Salling, K. B., Psaraftis, H. N., Preston, J., Vicencio, A. A. N., Madsen, S. N.,
Preston, J. & Vicencio, A. A. N.
Institut stipendie (DTU) Samf.
15/01/2013 → 21/09/2017
Project: PhD

Competitive Liner Shipping Network Design
Karsten, C. V., Pisinger, D., Røpke, S., Psaraftis, H. N., Toth, P. & Christiansen, M.
Institut stipendie (DTU)
15/12/2012 → 07/04/2016
Project: PhD

Mitigating and reversing the side-effects of environmental legislation on Ro-Ro shipping in Northern Europe
Psaraftis, H. N., Kontovas, C. A., Kronbak, J. & Zis, T.
15/06/2015 → 14/06/2017
Project: Research

ConCoord: ConCoord
Olsen, A., Larsen, R., Larsen, A., Psaraftis, H. N. & Wen, M.
01/01/2013 → 01/06/2016
Project: Research

Activities:

The profit maximizing liner shipping problem with flexible frequencies: balancing economic and environmental performance
Psaraftis, H. N. (Speaker)
10 Jul 2018
Activity: Talks and presentations › Conference presentations
Liner shipping with flexible frequencies: logistical and environmental considerations
Psaraftis, H. N. (Speaker)
28 Jun 2018
Activity: Talks and presentations › Conference presentations

Sustainable shipping
Psaraftis, H. N. (Other)
31 May 2018
Activity: Other

The profit maximizing liner shipping problem with flexible frequencies
Psaraftis, H. N. (Speaker)
29 May 2018
Activity: Talks and presentations › Conference presentations

ROUTE 2018
Psaraftis, H. N. (Other)
27 May 2018
Activity: Other

MBMs: the IMO discussion
Psaraftis, H. N. (Invited speaker)
8 May 2018 → 9 May 2018
Activity: Talks and presentations › Conference presentations

Decarbonization of shipping: status and prospects
Psaraftis, H. N. (Speaker)
2 May 2018
Activity: Talks and presentations › Conference presentations

Maritime Logistics and Cybersecurity at DTU
Psaraftis, H. N. (Other)
2 May 2018
Activity: Other

The profit maximizing liner shipping problem with flexible frequencies: logistical and environmental considerations
Psaraftis, H. N. (Speaker)
17 Apr 2018 → 19 Apr 2018
Activity: Talks and presentations › Conference presentations

Reducing emissions in maritime transportation (ii)
Psaraftis, H. N. (Invited speaker)
1 Feb 2018
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Reducing emissions in maritime transportation
Psaraftis, H. N. (Invited speaker)
30 Jan 2018
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Hong Kong Polytechnic University
Psaraftis, H. N. (Visiting researcher)
22 Jan 2018 → 26 Jan 2018
Activity: Visiting an external institution › Visiting another research institution
Green Maritime Logistics
Psaraftis, H. N. (Keynote speaker)
9 Aug 2017
Activity: Talks and presentations › Conference presentations

Transportation Science (Journal)
Psaraftis, H. N. (Editor)
1 Jan 1987 → 1 Jan 2018
Activity: Communication › Series editor