

MARIA P. BOILE

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Current Position

Professor, Ports and Maritime Logistics, Department of Maritime Studies, University of Piraeus

Director, MSc in Shipping, Department of Maritime Studies, University of Piraeus

Director, Quantitative Analysis in Shipping Laboratory

Head of Sector Transport Economics and Environment, Maritime and Air Transport. Hellenic Institute of Transport, Centre for Research and Technology Hellas

Affiliated Faculty/Research Fellow– Center for Advanced Infrastructure and Transportation. Rutgers, The State University of New Jersey

Education

Ph.D. Transportation Engineering, New Jersey Institute of Technology, October, 1995

Ph.D. Dissertation: Intermodal Commuter Network Planning (Received an Award from the U.S. Department of Transportation, 1994)

M.S. Civil and Environmental Engineering, (concentration on Environmental Engineering) Rutgers University, October, 1992

M.S. Special Project: The 1990 Clean Air Act Amendments and the New EPA Standards.

Diploma in Civil (Transportation) Engineering, National Technical University of Athens, October, 1990

Diploma Thesis: Policy Development for the National Port System – General Overview and Analysis of Container Terminals. (Recipient of the A. Petropoulos Best Thesis Award, 1992).

Areas of Proficiency

Port and inland terminal design, planning and operations

- Recipient of the best thesis A. Petropoulos award for research in the port sector for the thesis titled: “Policy Development for the National Port System”.

- Recipient of the prestigious National Science Foundation (NSF) Partnerships for Innovation (PFI) award.
- Founder and co-Director of the Freight and Maritime Program (FMP) at the Center for Advanced Infrastructure and Transportation.
- Founder and co-Director of the Maritime Infrastructure Engineering and Management Program (MIEMP) at the Center for Advanced Infrastructure and Transportation
- Director of the Maritime Laboratory at Rutgers University.
- Advisor to the Port Authority of New York and New Jersey.
- External advisor to major consulting firms.
- Member and chair of relevant professional societies and committees.
- Leader in the area of port and terminal operations.

Transport Policy

- Study and formulation of proposals for the implementation of the Road Equivalent Tariff (RET), Ministry of Development, and Ministry of Shipping.
- Formulation of proposals to the Ministry of Transport for the assessment of the minimum cost of road freight transport.
- Member of the Advisory Committee of the European Law Observatory on New Technologies.
- Inter American Development Bank consultant for the development of freight facilities in Latin America Countries.
- World Bank Advisor for the Analysis of Needs of the Logistics Sector in Greece.
- Member of the high-level group that formulated policy proposals for funding a federal freight program in the United States.
- Participation in the team of the European Commission, General Directorate of Research and Innovation that formulated proposals for the innovations of the future to formulate the 3rd strategic program "Horizon 2020".
- Member of the team of experts formulating policy proposals for freight transport, advising the Office of Planning and Sustainable Development of Mayor Bloomberg, New York.

Multimodal passenger transportation systems analysis, planning and operations

- Member of the Eno Transportation Foundation's Board of Regents.
- Charter member of the ASCE Transportation and Development Institute.
- Recipient of the best paper award for the paper titled: "Intermodal Passenger Transportation".
- Faculty Member and Program Director at the Center for Advanced Infrastructure and Transportation.
- Highly proficient in the development and use of demand models for policy analysis and transportation system planning and major role in the development of state transportation plans for passenger transport systems, for three states.

Intermodal freight transportation modeling

- Invited expert participant in the EU-US Transportation Research Symposium on City Logistics Research – A Trans-Atlantic Perspective.
- Invited expert by the US Department of Transportation – Bureau of Transportation Statistics Freight Data round table.
- Invited expert by the Eno Transportation Foundation and the US Department of Transportation – Bureau of Transportation Statistics Workshop on Statistical Indicators for Transportation.
- Member of the Advisory Board of the National Center for Transportation and Industrial Productivity.
- Consultant for major international companies and international institutions, including the Inter American Development Bank and the World Bank.
- National Cooperative Freight Research Program (NCFRP) Project Panel 03 – Performance Metrics for Freight Transportation Productivity. National Academy of Sciences. November 2007

Intelligent Transportation Systems

- Co-founder of the first ITS America student chapter.
- Member of the Steering Committee developing Pennsylvania’s ITS/CVO Business Plan.
- Member of research teams on:
 - Enhancing the Development of Intelligent Vehicle-Highway Systems (IVHS) Technologies, for the US Department of Transportation, Federal Highway Administration.
 - ATIS Study Pre-Implementation Market Analysis, for the New Jersey Department of Transportation;
 - Enhancing the IVHS Content in the Transportation Program, from the AT&T Foundation.
 - A Methodological Framework for Evaluating Benefits of Intelligent Transport Systems Technologies for the Raritan Valle Commuter Corridor.
 - High Occupancy Vehicle lanes (HOV) Route I-80, for the NJ Department of Transportation.

Program Building

Director of the Quantitative Analysis in Shipping Laboratory – Univeristy of Piraeus

- Director of the Laboratory since December 2018. She has attracted funding through several research projects that have been selected for funding.
- Received funding for large scale infrastructure and equipment
- Development of collaborations with the Hellenic Institute of Transport (HIT) of the National Center for Research and Technological Development (CERTH) and with the EXANTAS Port Training Institute.

- Organized a Scientific Event on "University Education, Scientific Research and Vocational Training in the Shipping Sector, Freight Transport and Logistics - A Combined Initiative" at the Piraeus Chamber of Commerce and Industry during which the University of Piraeus, CERTH/HIT and EXANTAS signed a Memorandum of Cooperation.
- Collaboration with other domestic and foreign Academic and Research Institutions: National Technical University of Athens; University of West Attica; Center for Advanced Infrastructure and Transportation (CAIT), Rutgers University, US; Galilee International Management Institute (GIMI), Israel.

Sector C – Transport Economics and Environment, Maritime and Air Transport – Center for Research and Technology Hellas (CERTH)

- Director of Sector C, Hellenic Institute of Transport (HIT) of CERTH since its establishment (2010) until today (since 2016 as a collaborating faculty member).
- Received funding through competitive Research Programs (national and international) and studies. Participated in more than 30 research projects, coordinating more than half of them.
- Created synergies with academic and research institutions in Greece and abroad, many of which led to the signing of Memoranda of Cooperation.
- Responsible for the research teams of five laboratories (selected researchers, scientific, administrative, financial staff) in the offices of the Department in Thessaloniki, Athens and Piraeus.
- Represents EKETA in research and business bodies and associations at European level.

Freight and Maritime Program – Rutgers University

- Established and served as co-director of the Maritime Infrastructure Engineering and Management Program (MIEMP) in 2004 as an institution within the Center for Advanced Infrastructure and Transportation (CAIT). The program was restructured and renamed to Freight and Maritime Program (FMP) in 2007.
- Secured over \$5 million in program funding from major sponsors (NSF, USDOT, FHWA, NJDOT, NYSDOT, NJDEP, NYMTC, PANYNJ)
- Designed a specialised curriculum of eight (8) core graduate courses
- Obtained facilities and established the state-of-the-art Maritime Laboratory fully equipped with data, hardware and software
- Established the Program's Advisory Board with high-level executives from the greater NY metropolitan region. This model was subsequently followed by the Center for Advanced Infrastructure and Transportation (CAIT) and it is acknowledged as a "best practice" for the cooperation of the Research Community in Transportation with the Public Sector and Private Sector transport industry leaders.
- FMP is a program recognized internationally by the public sector and the freight, logistics, and port industry, as well as by other academic and research institutions.

Academic Excellence Interdisciplinary Freight Transportation Program – Rutgers University

- Established an interdisciplinary freight transportation program at Rutgers for research and collaboration with the government and industry (Freight Transportation Center of Excellence- FTCE). The Program, supported directly by the Rutgers University President’s Office, brought together members of the Rutgers University academic community from the schools of engineering, urban planning, and business. The research and education sector of Freight Transportation, through the Center of Excellence, was selected as a Priority Theme for Rutgers University, given its role in the New York-New Jersey Metro Area.
- Co-developed the “Graduate Certificate in Transportation” at Rutgers University, an inter-departmental and interdisciplinary graduate certificate program.
- Served as an academic advisor to students in this program.

Port Industry Partnership – Rutgers University

- Established a region-wide port industry partnership through funding from the National Science Foundation, in 2006.
- Supported major industry initiatives in the NY/NJ region in partnership with the Port Authority of New York & New Jersey; US Department of Transportation Federal Highway Administration; NY, NJ and PA Departments of Transportation, NJ Department of Environmental Protection; New York Shipping Association, Maher Terminals, New York Metropolitan Transportation Council, North Jersey Transportation Planning Authority and other public and private sector institutions.
- Examined key industry issues and developed new research directions in Empty Intermodal Container Management; Management of Port Congestion; and Port Labour Issues, which are still today, at the forefront of research priorities for the region’s and the international port industry.

Executive Masters Program – Intermodal Transportation Institute, University of Denver

- Member of the Committee of experts assisting in the development of the Intermodal Transport Institute Executive Masters Program at the University of Denver
- Assisted in the development of the Educational Curriculum of the Executive Masters Program at the Intermodal Transport Institute
- Invited visiting lecturer on Intermodal Freight Transportation Systems and Maritime and Intermodal Freight Terminal Planning and Design at the Executive Masters Program

Transportation Engineering Program at Lafayette College

ABET, the Accreditation Board, introduced a requirement that all Civil Engineering Programs contain a specialization in transportation, which was not the case at Lafayette College at that time.

- Established the Transportation Engineering Program at Lafayette College, with the introduction of core and elective courses, as a new tenure track faculty, the only one within the Department with expertise in transportation.

- Documented the program activities and progress and submitted the transportation related material for the ABET accreditation of the Civil and Environmental Engineering Department, which was completed successfully.

Academic Experience

Associate Professor, Ports and Maritime Logistics, Department of Maritime Studies, University of Piraeus (2016-2020)

Associate Professor of Civil Engineering, Rutgers University, Piscataway, New Jersey – 2007-2010

Assistant Professor of Civil Engineering, Rutgers University, Piscataway, New Jersey - July, 2000 to April 2007

Co-Director, Center for Advanced Infrastructure and Transportation (CAIT), Maritime Infrastructure Engineering and Management Program (MIEMP) and Freight and Maritime Program (FMP), Rutgers University, Piscataway, New Jersey - February, 2005-2010

Academic Fellow, Rutgers Business School, Center for Supply Chain Management, Rutgers University, Newark, New Jersey – 2005-2010

Affiliated Faculty/Research Fellow, Center for Advanced Infrastructure and Transportation (CAIT) – 2010-today

Visiting Assistant Professor of Transportation, New Jersey Institute of Technology, Newark, New Jersey – January 2000 to July 2000

Assistant Professor of Civil Engineering, Lafayette College, Easton Pennsylvania – July 1995 to July 2000

Visiting Lecturer, University of Denver, Intermodal Transportation Institute, Denver, Colorado, June 2002.

Visiting Lecturer, Institute of Transport and Maritime Management Antwerp (ITMMA), University of Antwerp, November 2007.

Visiting Lecturer, in Transportation Planning and Port Senior Management, Galilee International Management Institute, Israel, 2014

Visiting Lecturer, Arab Academy of Science, Technology and Maritime Transport (AASTM), Alexandria, Egypt, May 2018

Visiting Lecturer, National Technical University of Athens, Graduate Program in Port Management. Athens, Greece.

Visiting Lecturer, Aristotle University of Thessaloniki, Graduate Program in Design, Organisation and Management of Transport Systems. Thessaloniki, Greece

Graduate Research Assistant, New Jersey Institute of Technology, Newark, New Jersey – September 1992 to July 1995

Administrative Experience

Member of the Appeals Committee of the University of Piraeus (2019-2020)

Director, Postgraduate Program in Shipping, Department of Maritime Studies, University of Piraeus (2019-present)

Alternate member of the Greek Maritime Education Evaluation Committee for the year 2019.

Director, Laboratory of Quantitative Analysis in Shipping, Department of Maritime Studies, University of Piraeus (2018-present)

Alternate Member of the ERASMUS + Studies Committee, Department of Maritime Studies, University of Piraeus (2017-2019)

President of the Internal Evaluation Team (OMEA) of the Department of Maritime Studies, University of Piraeus (2018-present) (responsible for preparation for the certification of the department)

Member of the Internal Evaluation Team (OMEA) of the Department of Maritime Studies, University of Piraeus (2017 - 2018)

Representative of the Department of Maritime Studies at the Research Committee of the University of Piraeus (2018-present)

Representative of the School of Shipping and Industry for the Internationalization Committee of the University of Piraeus (2018-present)

Member of the Board of Directors of the Institute of History of Merchant Shipping (2018-present)

Research Director, Hellenic Institute of Transport, Centre for Research and Technology Hellas

Head of the Athens Office, Hellenic Institute of Transport, Centre for Research and Technology Hellas

Head of Unit C – Transport Economy and Environment, Maritime and Air Transport. Hellenic Institute of Transport, Centre for Research and Technology Hellas

Member of the Research Committee, Representative of the Department of Maritime Studies, University of Piraeus

Member of the Research Council, Hellenic Institute of Transport, Centre for Research and Technology Hellas

Co-Director and Director of Research and Education, Freight and Maritime Program, Center for Advanced Infrastructure and Transportation (CAIT), Rutgers University.

Member of the New Faculty Evaluation Committee at Rutgers University

Chair of the Undergraduate Scholarship and Internship Committee at Rutgers University

Member of the Educational Advisory Board of the Center for Advanced Infrastructure and Transportation

Member of the Advanced Institute for Transportation Education Graduate Scholars Program in Transportation Committee, University Transportation Research Centers, Region II, US Department of Transportation

Member of the team preparing the Rutgers University, Civil Engineering Department's application for the Accreditation Board for Engineering and Technology (ABET) .

Member, Governance Committee, Lafayette College – elected by the Faculty Body

Member, Committee on Faculty and Student Diversity - appointed by the Provost

Professional Experience

Member, Technical Advisory Committee (TAC) of the Sustainable Energy Europe and ManagEnergy Awards 2013, 2014, 2015 Executive Agency for Competitiveness and Innovation (EACI).

Member, Team of Experts on Maritime Transport, “Study for the Implementation of the Road Equivalent Tariff Principle in the Ionian Sea Island Maritime Route Connections” Ministry for Development, Competitiveness, Infrastructure, Transport and Networks.

Consultant to the Interamerican Development Bank on intermodal terminal and freight facility development in Latin America Countries.

Consultant to the World Bank on the assessment of training needs of the logistics sector in Greece.

Advisor to the Port Authority of New York and New Jersey on the Virtual Container Yard (VCY) Demonstration Project.

Research Team Member, “Feasibility Study and Development of a Master Plan for the Container Terminal at the Port of Thessaloniki” Thessaloniki Port Authority, Greece.

External advisor to Qualco Business Systems Design and Implementation S.A. on the project: Port Security Decision Making Tool

External advisor to PLANET-ERNST & YOUNG S.A. on the project: Technical and Economic Feasibility Study for the Integration of VTMIS within the Framework of the Transportation Management Information System of the Hellenic Ministry of Merchant Marine.

Member of the committee developing the Educational Curriculum of the Executive Masters Program of the Intermodal Transportation Institute, University of Denver.

Member of the Committee organizing and monitoring the application of a Virtual Container Yard, in the Port of New York New Jersey, for the PANYNJ, NJDOT, NYDOT and I-95 Corridor Coalition.

External advisor to Qualco Business Systems Design and Implementation S.A. on the project: Process Decision Support Tool in Port Operations

External Advisor to the Study Team on the “Development of a Berth Planning Decision Support Tool for the Piraeus Port Authority Container Terminal”.

Member of the external advisors panel to ADK S.A. on the project: Study on Specifications for the Master Plan and Land Side Equipment for the Port of Alexandroupolis

Member of the external advisors team to ADO S.A. on the project: Cost-Benefit Analysis for the Tripolis-Kalamata highway.

Member of the research team of the National Center for Transportation and Industrial Productivity on the project: “Multi-Modal Freight Transportation: Regional Data Development and Analysis” conducted for the NJ DOT.

Member of the research team of the National Center for Transportation and Industrial Productivity on the project: “Mobility and the Costs of Congestion in New Jersey” conducted for the NJ DOT.

Policy Support on Research and Education

Eno Transportation Foundation - Freight Funding Working Group member (2014-2015). Produced Policy Recommendations for Funding a Federal Freight Program, documented in a volume titled: "Delivering the Goods". The group is co-chaired by Senator Norman Coleman, Governor James Florio and Majority Leader Richard Gephardt.

European Commission, Directorate General for Research and Innovation. Exploratory forward-looking workshop in support of the 3rd Strategic Programme of Horizon 2020. 26 May 2015. Invited Expert.

Experts' Panel on Freight Transportation, advising the NY Mayor Bloomberg's Office of Long-Range Planning and Sustainability, 2030 Sustainability Initiative. February 2007

Advisor to the Port Authority of New York / New Jersey on the deployment of new initiatives (2007).

Secured funding from the National Science Foundation and worked with the New York – New Jersey port and port related industry and public sector representatives in developing a region-wide research agenda (2006).

Charter Member of the Transportation and Development Institute, American Society of Civil Engineers (2002)

Member of the Steering Committee developing Pennsylvania's ITS/CVO Business Plan (1998-1999)

Awards and Recognitions

Coordinator of Project EU-PORTRAI^S which received the Silver Prize and a distinction as "Highly Commended" at the "2015 Health & Safety Awards"

Coordinator of Project TEMR which received the Bronze Prize award in category "Reduction/Minimization Emissions" at the "2015 Energy Mastering Awards"

Most cited Transportation Research Procedia articles published since 2013 (extracted from Scopus) for the article "Electric vehicle routing problem with industry constraints: trends and insights for future research" Transportation Research Procedia. Vol. 3, pp. 452-459. Co-authored by Anagnostopoulou, A., Boile M., Theofanis S., Sdoukopoulos E., Margaritis D. (2014)

Best Industrial Engineering paper finalist: "Scheduling Inbound Trucks at a Cross-Docking Facility: A Multi-objective and a Hierarchical Approach" with M. Golias, G. Saharidis, S. Theofanis, T. Zhang. IESM 2009, Montreal, Canada.

Institute of Transportation Engineers, 2008 Louis J. Pignataro Memorial Transportation Engineering Education Award (2009).

Engineering Governing Council's Excellence in Teaching Award nominee (2006)

Listed in Strathmore's Who's Who Worldwide since 2009

Listed in Strathmore's Who's Who 2007-2008 for demonstrated leadership and achievement in the profession

Listed in Who's Who Among America's Teachers 2006-2007 for excellence as a distinguished educator

Transportation Research Forum and Eno Transportation Foundation - Award for the best paper, Intermodal Passenger Transportation Paper Contest (2000)

United States Department of Transportation -- Student of the Year Award. (1994)

Women's Transportation Seminar (WTS) -- Scholarship Award (1995)

Eno Transportation Foundation -- Eno Fellowship Award. Fellow in the 1995 Transportation Leadership Development Conference.

Intelligent Vehicle/Highway Society of America -- Scholarship Award (1994)

Charter Member of the first (Alpha) student chapter of the Intelligent Vehicle/Highway Society of America.

National Center for Transportation and Industrial Productivity – Research Scholarship (1992-1995)

New Jersey Institute of Technology, Graduate Research Association, Student Achievement Award.

National Technical University of Athens – A. Petropoulos Best Undergraduate Thesis Award (1992)

Editorial Boards, Conference Chairmanship, Leadership Positions

Invited Expert and Professional Board Member:

CIVINET Greece – Cyprus, Advisory Group member (2019 – to present)

CIVITAS Satellite Advisory Group on Game Changes (2018)

European Transport Research Review (ETRR) Advisory Board Chair (2016 – to present)

European Transport Research Review (ETRR) Advisory Board Co-Chair (2013 – 2016)

European Transport Research Review (ETRR) Advisory Board Member (2011- 2013)

Member of the Eno Transportation Foundation Board of Regents (2001 – to present)

European Commission, U.S. DOT, Transportation Research Board, Invited Expert. EU-US Transportation Research Symposium No. 1, City Logistics Research: A Trans-Atlantic Perspective. (2013)

Bank of Greece. Review of Report on the Impacts of Climate Change. (2011)

Eno Transportation Foundation and United States Department of Transportation - Bureau of Transportation Statistics. Invited expert. Workshop on Statistical Indicators for Transportation. (2001).

United States Department of Transportation - Bureau of Transportation Statistics Freight Data Round-Table. Invited expert. (2000)

Member of the Advisory Board of the National Center for Transportation and Industrial Productivity (1995-1998).

Professional and Journal Editorial Boards:

Member of the Editorial Advisory Board - Transportation Research Part B (1998-2009)

Member of the Review Committee for the Freight Transportation Planning and Logistics Committee (Transportation Research Board) (2007 – 2009)

Chair of the Review Committee for the International Trade and Transportation Committee (Transportation Research Board) (2012 – to present)

Reviewer for the following scientific journals: European Journal of Operational Research, Transportation Research Record, Transportation Research Parts A, B, C and E, Transportation Science, Journal of Transportation Engineering of the American Society of Civil Engineers, Journal of the Transportation Research Forum, Journal of Computer-Aided Civil and Infrastructure Engineering

Professional Society Membership:

International Association of Maritime Economists (IAME) 2009 – to present

Institute of Transportation Engineers (ITE), 1992-2010.

Transportation Research Forum (TRF), 1993-2010.

American Society of Civil Engineers (ASCE), 1997-2009.

Women's Transportation Seminar (WTS), 1995-2003.

Institute for Operations Research and the Management Sciences (INFORMS), 1995-2009.

American Society for Engineering Education (ASEE), 1996-2003.

Hellenic Institute of Transportation Engineers, 2000-to present.

Technical Chamber of Greece, 1990-to-present.

Expert Evaluator:

National Cooperative Freight Research Program (NCFRP) Project Panel 03 – Performance Metrics for Freight Transportation Productivity. National Academy of Sciences. November 2007

“Integrated Projects” proposals submitted to the European Commission Directorate G – Maritime Transport and Intermodality, FP6-2002-TREN-1. June 2003.

“Coordination Action” proposals submitted to the European Commission Directorate G – Maritime Transport and Intermodality, FP6-2004-TREN-3. February 2005.

“Research, Technological Development and Demonstration Activities” projects submitted to the European Commission Security Research Programme, FP7-ICT-SEC-2007-1. January 2008

Scientific Conference Session Chair:

ESPOON South Europe, Chair, Session: Energy and Environmental Challenges in Ports: The Road to Blue Growth, 2014. Piraeus, Greece.

TRB Annual Meeting, Presiding Officer, Session 232 Recent Research on International Trade and Transportation, 2014. Washington, DC

World Conference on Transport Research (WCTR), Presiding Officer, Session on «Ports: Policy A2-1» Berkeley, California, 24-28 June 2007

Institute for Operations Research and Management Science (INFORMS), Presiding Officer, Session on «Berth Allocation, Berth Scheduling and Vessel Planning» Seattle, Washington, 4-7 Νοεμβρίου 2007.

International Conference “The Role of Ports in Regional Development” Presiding Officer, Session on «Maritime Transport – International Developments» Patra, 17-18 October 2003.

10th International Engineering Conference (MASE), Ohrid, Presiding Officer, Session PC-3. 25-27 September 2003.

Institute for Operations Research and Management Science, Presiding Officer, Session «Transportation II» SB20 San Diego, 4-7 May 1997.

Committee Work

International Board of Experts Evaluating National Research Centers and Programs

Member of the International Committee of Experts conducting the Strategic Evaluation of Aircraft, Space and Transportation Research in Germany at the invitation of the Helmholtz Senate, Helmholtz Association of German Research Centers (2019 – 2024)

Chairman of the International Committee of Experts on the Scientific Evaluation of the German Aerospace Center (DLR) at the invitation of the Helmholtz Senate, Helmholtz Association of German Research Centers (2018)

Scientific and Technical Committees:

Member of the Advisory Board of the European Law Observatory on New Technologies (ELONtech) (2018-to date)

Vice Chair - Transportation Research Board (TRB) Committee on International Trade and Transportation (AT020) – Member (2017- 2020)

Member - Transportation Research Board (TRB) Committee on Marine Environment (AW030) – Member (2016 – 2019)

Scientific Committee, Maritime Technology and Engineering - MARTECH 2016. Lisbon, Portugal, 4-6 July 2016.

International Program Committee, International Scientific and Practical Symposium “EU-Ukrzaliznytsia: new technologies in transportation (EU-UZ’2015)”. Lviv, Ukraine, October 15-16, 2015.

Scientific Committee, ESPON South Europe. Integrated Development through Land-Sea Interaction: Dimensions and Prospects of Blue Growth in Europe and in Greece. Piraeus, Greece, November 2014.

Transportation Research Board (TRB) Committee on Transportation Network Modeling (ADB30) – Member (2012- 2015)

Transportation Research Board (TRB) Committee on Urban Freight Transportation (AT025) – Member (2012- 2018)

Transportation Research Board (TRB) Committee on International Trade and Transportation (AT020) – Member (2012- 2017)

Transportation Research Board (TRB) Freight Transportation Planning and Logistics Committee (AT015) – Member (2006-2009)

Transportation Research Board (TRB) Marine Environmental Committee (AW030) – Member (2006 – 2009)

Organizing Committee (Chair) International Conference on Transport Research (ICTR), 2013, Thessaloniki, Greece.

Scientific Committee, International Maritime Association of the Mediterranean Conference (2013), La Coruna, Spain, October 14-17.

Program Committee of the E-Freight Conference, Delft, May 2012.

Ship Operations Cooperative Program, Marine Highways committee – Member (2009 – to date)

Scientific Committee, Odysseus 2012, 5th International Workshop on Freight Transport and Logistics. May 2012. Mykonos, Greece.

Program Committee. IEEE, International Conference on Intelligence and Security Informatics. Vancouver, Canada, May 2010

Scientific Committee, International Conference on Transport Research in Greece. Volos, Greece, September 2010

International Program Committee Member. International Conference on Signal Processing, Robotics and Automation. University of Cambridge, UK, February 2010.

Program Committee. IEEE, International Conference on Intelligence and Security Informatics. Taipei, Taiwan, June, 2008

Scientific Committee. Education and Educational Technologies Conference. Venice, Italy, November 2007

Program Committee. IEEE, Intelligent and Security Informatics, ISI 2007. New Brunswick, US, May 2007.

Scientific Committee, 10th International Conference on Engineering (MASE) Ohrid, September 2003.

ASCE Transportation and Development Institute (T&DI)– Charter Member

ASCE National Committee on Environmental Issues (Highway Division) – Member

ITE Transportation Education Council (TEC) – Member

Course and Curriculum Development

Graduate Courses Developed and Taught

Port and Terminal Management
Ports and Intermodal Transport
Urban Goods Movement
Freight Terminals and Distribution Facilities
Transportation Systems Analysis
Freight Transportation
Environmental Management of Maritime Infrastructure
Maritime Transportation
Port Planning, Management and Operations
Security and Safety in Maritime Transportation and Port Operations

Undergraduate Courses Developed and Taught

Policy and Management of Ports and Inland Terminals
Ports and Intermodal Transport
Ports and Spatial Planning
Analytical Methods-Applications to Ports and Maritime Transport
Introduction to Transportation Engineering
Introduction to Transportation Planning
Introduction to Transportation Systems
Mass Transit Systems

Student Research Supervision and Doctoral Committees:

Doctoral Dissertation Advisor

Aggelos Aggelakakis	“Resiliency of port infrastructure and operations (University of Piraeus, 2020 – to date)
Vasiliki-Maria Perra	“Maritime Spatial Planning and Shipping” (University of Piraeus, 2019 – to date)
Eleftherios Sdoukopoulos	“International Freight Transport and Logistics – Port-Hinterland Relations in the context of Global Supply Chains
Ya Wang (Chair)	“Bi-Level programming approach for the shipper-carrier network problem- Pricing and Investment Strategies at a Sea Port within the Framework of a Freight Network” completed in 2001 (now with VTA, Santa Clara county, CA)
Krunoslav Peric (Chair)	“A Bi-level model for Intermodal Transportation Network Analysis” completed in 2005 (now Director and Head of Department, Institut IGH, Croatia)
Jihong Chen (Chair)	“Using Microsimulation to Evaluate Conditional Transit Signal

- Priority Strategies on Corridor and Network Levels” completed in May 2006 (now with Southern New Hampshire Planning Commission)
- Neha Mittal (Chair) “Empty Intermodal Container Management” completed in 2008 (now Assistant Professor at Temple University, Fox School of Business)
- Golias Michail (Chair) “Berth Planning Models and Algorithms” completed in 2007 (now Associate Professor with University of Memphis and Associate Director for Research with the Intermodal Freight Transportation Institute)
- Nadereh Moini (Chair) “Modeling the Interrelationship between Vessel and Truck Traffic at Marine Container Terminals” completed in 2010 (now Research Assistant Professor with the University of Illinois at Chicago)
- Hyangsook Lee (chair) “Modeling Stakeholder Interactions in an International Freight Transport System” completed in May 2011 (now with Hongik University, Korea)
- Heidi Arlene Taboada Jimenez (co-chair): “Practical Approaches to the Solution of Multiobjective Optimization” completed in May 2007 (now Assistant Professor with the University of Texas at El Paso, Department of Industrial, Manufacturing and Systems Engineering)

M.S. Thesis Supervisor

- Ανδρέου Ελευθερία «Δικτύωση των Σύγχρονων Λιμένων με Dry Ports στην Ενδοχώρα. Μελέτη περίπτωσης: Διερεύνηση της Δικτύωσης του Λιμένα Θεσσαλονίκης με Dry Ports στα Βαλκάνια» (MSc Thesis – ΕΜΠ) Ιούνιος 2020
- Ορφέας Καρούντζος “Greek islands and agricultural logistics management – Prospects of a new agro-logistics hub) (M.S. Thesis – Πανεπιστήμιο Πειραιώς) – 2019
- Σπυριδούλα Καντερέ “Transshipment Hubs – Prospects for the Greek Ports” (M.S. Thesis – Πανεπιστήμιο Πειραιώς) –2019
- Γιώργος Βισβάρδης “Green Ports: the Case of Greek Ports” (M.S. Thesis – Πανεπιστήμιο Πειραιώς) –2019
- Ελένη Αστερίου «Αυτοματισμός στους τερματικούς σταθμούς λιμανιών. Τάσεις και μελλοντικές προοπτικές» (M.S. Thesis-ΕΜΠ) –2019
- Αλέξανδρος Κώτσογλου «Μεταφέροντας την πύλη του λιμένα στην ενδοχώρα. Βέλτιστες πρακτικές και διερεύνηση εφαρμογών σε Ελληνικά λιμάνια» (M.S. Thesis-ΕΜΠ) –2019
- Αριστοτέλης-Νικόλαος «Προσεγγίσεις επιλογής συστημάτων χειρισμού Παπαδόπολης-Δετζώρτζης εμπορευματοκιβωτίων σε λιμενικούς σταθμούς διακίνησης Εμπορευματοκιβωτίων: Εφαρμογή στο λιμάνι της Θεσσαλονίκης» (M.S. Thesis-ΕΜΠ) Οκτώβριος 2018
- Μαρία Καζάζη «Ο Δρόμος του Μεταξιού – Στρατηγικές Ανάπτυξης για τη

- Μεσόγειο» (M.S. Thesis-EMΠ) Ιούνιος 2018
- Ευαγγελία Αντωνίου “Logistics Processes on Euro-Asian Transport Links” (M.S. Thesis-EMΠ) Σεπτέμβριος 2018
- Preethi Narayanan (chair): “Impact of Bus Transit Vehicles on Highway Infrastructure” (M.S. Thesis) – December 2002
- Tejal Patel (chair): “Comparative Evaluation of Transportation Planning Tools” (M.S. Thesis). January 2004.
- Neha Mittal (chair): “A Statistical Approach for Estimation of Truck Volumes and Flows in New Jersey” (M.S. Thesis) – October 2004.
- Michael Golias (chair): “Data Mining and Bayesian Inference in Truck Demand Modeling” (M.S. Thesis) – October 2004.
- Srihari Janakiraman (chair): “Location-Routing Problems in Multi-Stage Supply Chains: A Simultaneous Solution with Macro and Micro-Scale Applications” (M.S. Thesis) – May 2006
- Sravan Krovidi (chair): “Berth Allocation Planning Tool – Functional Usage” (M.S. Thesis). May 2006.
- Ti Zhang (chair): “Modeling Cross-Docking Operation” (M.S. Thesis). May 2009
- Patrick Dougherty (chair): “Modeling Port Truck Drayage Operations” (M.S. Thesis). October 2010

Doctoral Dissertation Committee Member

Member of fourteen (14) Doctoral Dissertation Committees (Βασιλική Παράσχου, Στυλιανός-Μιλτιάδης Λιάκος, Νικολέτα Ελευθεριάδου, Μαριλένα Σανιδά, Dilruba Ertekin - 2003, Dima Jawad - 2003, Bekir Bartin – 2005, Ilgin Yasar – 2005, Jyot Desai 2005, Nebahat Noyan – 2006, Jung Beom Lee – 2006, Jeevanjot Singh - 2007, Ozlem Yanmaz Tuzel - 2008, Mustafa Anil Yazici - 2009)

M.S. Thesis Committee Member

Member of nineteen (19) M.S. Thesis Committees (Βαῖα Λάμπρου, Κωνσταντία Καραγκούνη, Karen Yunk, Anne Marie Meehan, Bekir Bartin, Gaurav Jaiswal, Lu Ding, Jignesh Shah, Aleek Data, Manaar Ashara, Ankita Patel, Harsh Doshi, Neha Rathi, Thomas Bongiovani, Nebahat Noyan, Jyot Desai, Jeevanjot Singh, Ozlem Yanmaz-Tuzel, Andrew Ludasi)

Supervisor of 14 Independent Studies and Honors Theses

Development and Application of a Transportation Planning Model (Fall 1997-Spring 1998), Honors Thesis, Annette Ellis

Integration of a Transportation Planning Model with a Geographic Information System (Fall 1998-Spring 1999), Honors Thesis, Michael Haynes

Development of a Combined Mode Choice-Traffic Assignment Model that Evaluates Rail Operating Regimes (Fall 1995), Independent study project, Matthew Weaver

Mode Choice Modeling for Access to Logan International Airport (Fall 1996-Spring 1997), Independent study project, Graham Briggs.

Evaluation of US Bus Transit Systems: A Data Envelopment Analysis Approach (Fall 1997-Spring 1998), Independent study project, Wendy Birkhead

Using TransCAD to Develop a Model of Commodity Flows in Pennsylvania (Spring 1998), Independent study project, Alex Herr

Simulating a Commuter Network Using CORSIM (Spring 1998), Independent study project, Kate Detterline

Route Development for Mass Transit Systems - A Case Study of the Lehigh and Northampton Transit Authority (Spring 1998), Independent study project, Julie Gipps

Using GIS to Develop a Regional Truck Route Network (Spring and Summer, 1997), Research project, Sara Benson

Assignment of Freight Flows over New Jersey Highways (Summer 1997), Research project, Jakub Rowinski.

Development of an Origin-Destination Matrix of Commodity Flows in Pennsylvania (Spring and Fall, 1998), Research project, Jeremy Brodney

Analysis and Evaluation of Intermodal Commuter Corridors in New Jersey (Fall 1999), Research project, Steven Sivak and Nancy Berrier.

Scientific Publications

The listed publications have received 1747 citations in Google Scholar (Boile, public profile, accessed May 2020) h-index 23 and i10-index 44. SCOPUS citations: 697, h-index: 16 (accessed May 2020)

An “” marks papers with students as lead authors*

Refereed Journal Publications (Published)

1. *Sdoukopoulos S., Perra V., Boile M. (2019) “Integration of Environmental Indices into Maritime Supply Chains: A Proposition for Addressing a Missing Link, Submitted for consideration for publication in the Transportation Research Record. (5-year Impact factor: 0.954)
2. Boile M., Theofanis S. (2019) “Large-scale freight facility development to support port-related logistics activity in urban areas” submitted to Maritime Economics and Logistics (under review)
3. Aggelakakis A., Anagnostopoulou A., Tromaras A., Boile M. And Mantzinou N. (2019). Influence of Traffic Emissions on Urban Air Quality: A Case Study of a Medium Sized City. In: Nathanail E., Karakikes I. (eds) Data Analytics: Paving the Way to Sustainable Urban Mobility. CSUM 2018. Advances in Intelligent Systems and Computing, vol 879. Springer, Cham
4. *Sdoukopoulos S., Boile M., Tromaras A., Anastasiadis N. (2019) “Energy Efficiency in European Ports: State-of-practice and insights on the way forward” Sustainability (Impact factor: 2.075)

5. Spyrou, E., Anagnostopoulou, A., Boile, M., & Mitrakos, D. (2019) Game Theoretic Algorithm for Vehicle Selection from Deployed Fleet, 6th International Conference on Control, Decision and Information Technologies (CoDIT). IEEE, 2019.
6. Anagnostopoulou, A., Spyrou, E., Mitrakos, D. & Boile, M. (2019) An advanced solution for efficient logistics management at both company and network level, Transportation Planning and Technology, DOI: 10.1080/03081060.2019.1600240
7. Anagnostopoulou, A., Aggelakakis, A., Boile, M., Hijdra, A., Werland, S., Shrestha, S., Lah, O. (2018). Comprehensive framework on asset management of transportation networks and resilience planning, Zenodo. <http://doi.org/10.5281/zenodo.1484890>
8. Anagnostopoulou A., Boile M., Papargyri E., Poulou M. (2017) An Advanced Solution Approach for Energy Efficient Garbage Collection Service. Transportation Research Procedia, 24, 362-369
9. Boile M., Theofanis S., Sdoukopoulos E., Plytas N. (2016) “Developing a Port Energy Management Plan: Issues, Challenges and Prospects” Transportation Research Record, Journal of the Transportation Research Board No. 2549, pp. 19 – 28, DOI: 10.3141/2549-03.
10. Sdoukopoulos E., Kose P., Glatzur A., Mezghani M., Boile M., Sheety E., Mitropoulos L. (2016) “Assessment of urban mobility needs, gaps and priorities in Mediterranean partner countries” Transportation Research Procedia. Vol. 14, 2016, pages 1211-1220.
11. Margaritis D., Anagnostopoulou A., Tromaras A., Boile M. (2016) “Electric commercial vehicles: Practical perspectives and future research directions” Research in Transportation Business & Management. Vol. 18. pp 4-10.
12. Moreno-Gutierrez, J., Calderay F., Saborido N., Boile M., Valero R., Duran-Grados V., (2015) “Methodologies for estimating shipping emissions and energy consumption: A comparative analysis of current methods” Energy. Vol. 86, pp 603-616.
13. Sdoukopoulos L., Boile M., Anagnostopoulou A., (2015) “Estimating truck operating costs for domestic trips – case studies from Greece” Logistics & Sustainable Transport. Vol. 6, No. 1, pp 41-49.
14. Bernardino, J., Aggelakakis A., Reichenbach M., Vieira J., Boile M., Schippl J., Christidis P., Papanikolaou A., Condeco A., Garcia H., Krail M. (2015) “Transport demand evolution in Europe – factors of change, scenarios and challenges” European Journal of Futures Research. Vol. 3, Issue 1, Article 13.
15. Anagnostopoulou, A., Boile M., Theofanis S., Sdoukopoulos E., Margaritis D. (2014) “Electric vehicle routing problem with industry constraints: trends and insights for future research” Transportation Research Procedia. Vol. 3, pp. 452-459.
16. Boile, M., Sdoukopoulos E. (2014) “Supply Chain Visibility and Security – the SMART-CM project solution” International Journal of Shipping and Transport Logistics. Vol.6, No. 3. Pp 280-292 (Impact Factor 1.340)
17. *Lee, H., Boile, M. and Theofanis, S. (2014) “Modeling Carrier Interactions in an International Freight Transportation System”, International Journal of Information Systems and Supply Chain Management, 7(1), pp. 15-39 (SJR Indicator 0.38)
18. *Lee, H., Boile, M., Theofanis, S. and Choo, S. (2014) Game Theoretical Models of the Cooperative Carrier Behavior. KSCE Journal of Civil Engineering. Vol. 18, Issue 5, pp 1528-1538 (Impact Factor 0.511)
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43. Camay S., Derman B., Bohn E., Ramasubramanian L., Milczarski W., Albrecht J., Boile M., Theofanis S. (2008) “Ferry Parking and Landside Access Study – Implementing Public Outreach and Impact Assessment” *Transportation Research Record: Journal of the Transportation Research Board*. Volume 2077 / 2008, pp. 39-45. (Impact Factor 0.556)
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50. Boilé, M.P. and Gaspard J.G. (2002) "A Combined Passenger/Freight Intermodal Transportation System" *Transportation Quarterly*, Vol. 56, No. 2, Spring 2002.
51. Boile, M.P. (2001). "Evaluating the Efficiency of Transportation Services on Intermodal Commuter Networks" *Transportation Quarterly*. Vol. 56, No.1, Winter 2002.
52. Profillidis V.A. and Boile M.P. (2001). "Evolutions et Restructurations au Transport de Frêt en Europe" *Transports*, no. 405, Janvier-Février.
53. Boile, M.P. (2001). "Estimating Technical and Scale Inefficiencies of Public Transit Systems." *ASCE Journal of Transportation Engineering*, Vol. 127, No. 3, May-June. (Impact Factor 0.877)
54. Boile, M.P., Benson S. and Rowinski J. (2000). "Freight Flow Forecasting - An Application to New Jersey Highways." *Journal of the Transportation Research Forum*, Vol. 39, No. 2, pp. 159-170.
55. Boile, M.P. and Spasovic L.N. (2000). "An Implementation of the Mode Split -Traffic Assignment Method," *Computer-Aided Civil and Infrastructure Engineering*, Vol. 15, pp. 293-307. (Impact Factor 5.625)
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57. Boile M. P., Spasovic L. N., and Pignataro L. J. (1997) "Developing a Market Sensitive ITS Educational Program." *Transportation Research Record*, No. 1588, pp. 120-129. (Impact Factor 0.556)
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Refereed Conference Proceedings

1. Akac, A., Anagnostopoulou, A., Tromaras, A., & Boile, M. (2019) Workflow of 3D prototype design & manufacturing process in automotive industry, Proceedings of the 6th Panhellenic Student Operational Research Conference, 28th February – 2nd March, Xanthi, Greece.

2. Sdoukopoulos E., Boile M. (2019) “Regulating airborne shipping emissions: current status, future outlook and insights on industry responses”, Proceedings of the 98th Annual Meeting of the Transportation Research Board (TRB), 13-17 January, Washington D.C., U.S.A.
3. Anagnostopoulou, A., & Boile, M. (2018). Challenges and opportunities of open science in transport research, Proceedings of the 6th QUAESTI Scientific Virtual Conference - Multidisciplinary Studies and Approaches, 10th – 15th December.
4. Anagnostopoulou, A., Aggelakakis, A., Tromaras, A., Mavropoulou, E., & Boile, M. (2018) Freight Transport Sustainability: Perspectives of Public and Private Sector, Proceedings of the 4th International Conference on Supply Chains, 14th – 15th September, Katerini, Greece.
5. Anagnostopoulou, A., Aggelakakis, A., Boile, M., Hijdra, A., Werland, S., Shrestha, S., Lah, O. (2018). Comprehensive framework on asset management of transportation networks and resilience planning, Proceedings of the Transport Research Arena (TRA), 16th - 19th April, Vienna, Austria.
6. Theofanis S., Boile M., Sdoukopoulos E. (2018) “Key trends and developments in the European port sector: Main implications for the port labour industry”, Transport Research Arena (TRA) Conference 2018, 16-19 April, Vienna, Austria.
7. Adesiyun A., Goger T., Hijdra A., Anagnostopoulou A., Aggelakakis A., Shrestha S., Werland S., and Boile M. (2017). Common framework for a life cycle based asset management approach for transport infrastructure networks, Proceedings of the IRF World Road Meeting, 14th – 17th November, Delhi, India.
8. Anagnostopoulou A., Aggelakakis A., Boile M. and Hijdra A. (2017). Building resilience and broad optimization of transportation networks, Proceedings of the 8th International Congress on Transport Research, 27th - 29th September, Thessaloniki, Greece.
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15. Theofanis S., Boile M. (2016) “Port Infrastructure Financing & Resources: Global and European Experiences. TRB Workshop: Funding Port and Freight Infrastructure Investments. Transportation Research Board Annual Meeting. Washington DC. 10-14 January 2016.
16. Boile M. Theofanis S., Betak J., Kortsari A. (2016) “The One-Belt-One-Road Chinese Initiative: Strategies Tactics and Challenges” Proceedings of the Transportation Research Board Annual Meeting. Washington DC. 10-14 January 2016.
17. Boile M., Anagnostopoulou A., Papargyri E. (2016) “Urban Mobility Management and Emissions Measurement System” European Conference on Mobility Management - ECOMM. Athens, Greece. 1-3 June 2016.
18. Anagnostopoulou A., Boile M., Sdoukopoulos E., Rikkou K., Theofanis S., Georgakopoulos Ch., Voulkas G., Pallis P., Todi Th., Eliadis G. (2016) “Προηγμένες Υπηρεσίες Μεταφοράς Εμπορευμάτων – Η Πλατφόρμα ACTIS” 3rd Technology Forum. Thessaloniki, Greece. 18 May 2016.
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20. Lah O., Shrestha S., Hüging H., Decker B., Gyergyay B., Marold K., Mendez G., Boile M., Sdoukopoulos L., Kressler F., Rizet C., Dablanc L. (2015) Transferability of Sustainable Urban Transport Solutions. Proceedings of the CODATU 2015-Energy, Climate and Air Quality Challenges: The Role of Urban Transport Policies in Developing Countries. February 2015, Istanbul, Turkey
21. Papargyri E., Anagnostopoulou A., Boile M. Papapanagiotakis G. (2015) “A smart and innovative solution for efficient and environmental friendly urban transportation” Proceedings of the 5th Multidisciplinary Academic Conference, pp. 271-278.
22. Boile M., Aggelakakis A., Papanikolaou A., Tromaras A. (2015) “The Future of Transport in Europe: Addressing the Challenges” 7th International Congress of Transport Research” From basic research to innovative applications. Athens, Greece, 5-6 November 2015.
23. Plytas N., Margaritis D., Boile M. (2015) “Viability of investments for the development of an electric vehicle charging network in Greece” 7th International Congress of Transport Research” From basic research to innovative applications. Athens, Greece, 5-6 November 2015.
24. Sdoukopoulos E., Anagnostopoulou A., Boile M., Rikkou K., Theofanis S., Georgakopoulos C., Voulkas G., Pallis P., Todi T., Eliadis G. (2015) “An advanced freight transport information services platform”. 7th International Congress of Transport Research” From basic research to innovative applications. Athens, Greece, 5-6 November 2015.
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Book Chapters

Anagnostopoulou, A., & Boile, M. (2018) Environmental aspects of urban freight movement in private sector, in Nathanail, E., and Karakikes, I. (Eds.) *Data Analytics: Paving the Way to Sustainable Urban Mobility*, Springer, vol. 879, pp 607-613.

Aggelakakis, A., Anagnostopoulou, A., Tromaras, A., & Boile, M. (2018) Influence of traffic emissions on urban air quality: a case study of a medium sized city, in Nathanail, E., and Karakikes, I. (Eds.) *Data Analytics: Paving the Way to Sustainable Urban Mobility*, Springer, vol. 879, pp 323-329.

Intelligent Transportation and Planning: Breakthroughs in Research and Practice. Chapter 11: Modeling Carrier Interactions in an International Freight Transport System. Pp 234 – 263. Co-authors: Hyangsook L., Boile M., Theofanis S. (2018) IGI Global
ISBN13: 9781522552109 ISBN10: 1522552103 EISBN13: 9781522552116 DOI: 10.4018/978-1-5225-5210-9

Anagnostopoulou A., Sdoukopoulos E. and Boile M. (2017). Sustainable urban logistics for efficient and environmentally friendly port-cities in Soares, C. G., and Teixeira, A. P. (Eds) *Developments in Maritime Transportation and Harvesting of Sea Resources (2-Volume set): IMAM 2017*, CRC Press - Taylor & Francis Group, vol. 1, pp. 625 – 632. ISBN: 9780815379935

Σδουκόπουλος Ε., Μποϊλέ Μ. (2016) “Το ερευνητικό έργο GREENBERTH: ανασκόπηση, στόχοι και ενδιάμεσα αποτελέσματα”, *Θαλάσσια Χωρικά Ζητήματα: Θαλάσσια διάσταση της εδαφικής συνοχής – Θαλάσσια Χωροταξία – Βιώσιμη γαλάζια ανάπτυξη*, Εκδόσεις Κριτική, ISBN: 9789605861124.

Towards Green Marine Technology and Transport – Chapter 79. The New Wave of Port Congestion and the Impact of Ultra Large Container Vessels. Co-author: Theofanis S. Edited by Carlos Guedes Soares, Roko Dejhalla and Dusko Pavletic. ISBN: 978-1-138-02887-6 pp. 683-693. eBook ISBN: 978-1-315-64349-6. DOI: 10.1201/b18855-90. CRC Press 2015.

The Future of the Transport Industry. JRC Technical Report, EUR 27085 EN. Co-Authors: A. Aggelakakis, J. Bernardino, M. Boile, P. Christidis, A. Condeco, M. Krail, A. Papanikolaou, M. Reichenbach, J. Schippl. ISBN: 978-92-79-45246-8 (PDF), ISSN: 1831-9424 (online), DOI: 10.2791/904866. European Union, 2015.

Future Prospects on Transport Evolution and Innovation Challenges for the Competitiveness of Europe. Co-authors: A. Aggelakakis, J. Bernardino, M. Boile, P. Christidis, A. Condeco, M. Krail, A. Papanikolaou, M. Reichenbach, J. Schippl, J. Vieira. ISBN: 978-618-81668-0-6. Dynamic Brands Communication. September 2014. Available online at: http://issuu.com/dbcpressoffice/docs/futre.teliko__9_

Europe – Asia Railway Transport: Issues and Prospects. Co-authors: M. Boile, A. Kortsari. ISBN: 978-618-80673-3-2. Dynamic Brands Communication. November 2014.

Port Infrastructure Finance – Chapter 8: Experiences with Bond Financing and Innovative Transport Project Financing in the United States – Some Evidence from Port and Port Related Projects. Co-author: Theofanis S. Book edited by: H. Meersman, E. Van de Voorde, T. Vanelslander. ISBN 978-0-415-72006-9. Informa Law from Routledge, June 2014.

Developments in Maritime Transportation and Exploitation of Sea Resources - Volume 2 Maritime Transportation: Assessing the impact of marine terminal gate operational and infrastructure improvements. Co-authors: Anagnostopoulou A., Sdoukopoulos E. Book edited by: G. Guedes Soares and F. Lopez Pena. ISBN: 978-1-138-00162-6. pp. 625, CRC Press Taylor & Francis Group. 2014. Access online at: <http://www.crcpress.com/product/isbn/9781138001244#> ISBN: 978-1-138-00124-4

Project Management Techniques and Innovations in Information Technology. Chapter 1: “A Multi-Objective Decision and Analysis Approach for the Berth Scheduling Problem” Co-Authors: Goliaw M., Boile M., Theofanis S., Taboada H. (2012) pp 1-20. Book edited by: John Wang. ISBN: 978-1-466-0930-3 Information Science Reference (an imprint of IGI Global)

Evolutionary computation – Chapter Title: Scheduling of Berthing Resources at a Marine Container Terminal via the use of Genetic Algorithms: Current and Future Research. Co-authors: Goliaw M. and Theofanis S. Book edited by: Wellington Pinheiro dos Santos, ISBN 978-953-307-008-7, pp. 572, October 2009, I-Tech, Vienna, Austria

Transport Science and Technology – Chapter Title: The Role of Liner Shipping within an Intermodal System – The Port Community Case and the Port Authority Investment Problem. Co-authors: S. Theofanis and L. Spasovic. Publisher: Elsevier. K. Goulias Editor. 2007.

Transport Science and Technology – Chapter Title: Infrastructure Development to Support the Floating Accommodation Program of the Athens 2004 Olympic Games – Prospects and Challenges. Co-author: S. Theofanis. Publisher: Elsevier. K. Goulias Editor. 2007.

Book Reviews

Marcel Dekker, Inc., Publishers. Review of Civil Engineering Systems by P. McDonald (1999).

Eno Transportation Foundation Intermodal Transportation: Moving Freight in a Global Economy by Hoel, Lester A., Giuliano, Genevieve, and Meyer, Michael D., eds. ISBN 978-0-9718175-5-5 review published in the *Journal of the Transportation Research Forum* Vol. 51, No. 1 (Spring 2012) p. 139-140

Research Projects

Project Partner	‘Maritime Logistics Engineering and Management – MarLEM. EMFF, Budget: 812000 euro. October 2019 – September 2022
Project Manger	‘Proposal for a Sectoral Study on the potential of Agro logistics in Greece’. Budget: 50.020 euro Sectoral Study in the context of a Stavros Niarchos Foundation project.
Project Manager	‘Port IoT for environmental Leverage- PIXEL’ support to the Thessaloniki Port Authority SA. on a H2020 project. Budget: 38.700euro July 2019
Project Partner	‘SAFEMODE’ H2020 Budget: 1.6M ευρώ January 2019-May 2022
Project Partner	‘Cluster Act’. EMFF, Budget: 735.000 ευρώ January 2019-December 2021
Project Partner	‘AW DRONES’ H2020. Budget: 2.6M ευρώ January 2019-December 2021
Project Partner	“Sustainable Ports in the Adriatic-Ionian Region – SUPAIR” ADRION INTERREG V-B TRANSNATIONAL. Budget: 1.2M euro January 2018 – December 2019
Project Partner	“Maritime Alliance for fostering the European Blue economy through a Marine Technology Skilling Strategy- MATES” EU Sector Skill Alliances ERASMUS+, Budget: euro 5M. January 2018 – December 2021.
Project Partner	“Μελέτη λειτουργίας της Πύλης 16 του Οργανισμού Λιμένος Θεσσαλονίκης ΑΕ» ΟΛΘ Α.Ε.. Budget: euro 15000. August 2018 – February 2019.
Project Partner	“Intentify future transport research needs – INTEND” EU H2020. Budget: euro 1M. August 2017 – September 2018.
Project Partner	«Ευφυή και Αυτοματοποιημένα Συστήματα για τη Σχεδίαση, Προσομοίωση και Ανάπτυξη ολοκληρωμένων Προϊόντων και Διεργασιών – ODYSSEAS» ΕΣΠΑ. Budget: euro 1.9M. 2017 - 2020
Project Partner	“Δυναμική Δρομολόγηση Διασυνδεδεμένων Οχημάτων και Έξυπνων Φαναριών Κυκλοφορίας - DRIVE-IT” ΕΠΑΝΕΚ Ερευνώ-Δημιουργώ-Καινοτομώ. Budget: euro 535300. September 2018 – August 2020.
Project Partner	“Common framework for a European Life Cycle based Asset Management Approach for transport infrastructure networks – AM4INFRA” EC H2020. Budget: euro 1.4M. September 2016 – August 2018.
Project Partner	“Optimal fuel consumption with predictive power train control and calibration for intelligent truck – OptiTruck” EC H2020. Budget: euro 4.4M. September 2016 – August 2019.
Project Manager	“Παροχή συμβουλευτικής υποστήριξης στο Δήμο Δελφών για τεκμηρίωση προτάσεων βιώσιμων μεταφορών” Σύμβαση Παροχής Υπηρεσιών, Δήμος Δελφών. Προϋπολογισμός 20000 ευρώ. Μάρτιος 2016 – Δεκέμβριος 2017.
Project Partner	“Study on accident causation for traffic accidents involving powered two wheelers and bicycles in the European Union – SaferWheels” EC Tender, DG MOVE. Budget: euro 989300. January 2015 – December 2017.

Project Partner	“New cooperative business models and guidance for sustainable city logistics – NOVELOG” EC H2020 Budget: euro 4.4M. June 2015 – May 2018.
Scientific Coordinator	“Σύστημα Περιβαλλοντικής Διαχείρισης Κυκλοφορίας σε Αστικό Περιβάλλον- TEMR” Budget: euro 93,250. June 2014 – Sept 2015
Project Manager	“European PORTWorkers TRAINing Scheme – EUPORTRAITS” EC FP7, CSA-CA. Budget: euro 1,4 M. 2013 - 2016
Project Manager	“Cargo Ferry Operations Between Thessaloniki, Greece, and Novorossiysk, Russia. Budget: euro 11,800. April 2014 – June 2014.
Project Partner/ Team Leader	“Support the Uptake of Innovative Sustainable Urban Mobility SOLUTIONS - SOLUTIONS” EC FP7, CSA-SA. Budget: Euro 2M 2013-2016
Project Partner/ Team Leader	“Ex-Post Evaluation of Transport Research and Innovation in the FP7 ‘Cooperation’ Programme - Tri-Value” EC FP7, CSA-SA. Budget: Euro 498,211. 2013-2014
Team Leader	“Strategic Study on Transport for the Development of the National Strategic Reference Framework” Ministry of Development, Greece. Budget: Euro 15000. Dec. 2012 – March 2013.
Project Manager	“Application of the Road Equivalent Tariff Concept” Ministry of Development, Greece. Budget: Euro 42250. Dec 2011 – April 2013
Project Manager	“Estimation of RoadTransport Costs” Hellenic Syndicate of Land Goods Transport. Budget: Euro 15000. Dec. 2012-Feb. 2013.
Project Partner	“ERA NET Transport III - ENT III” EC-FP7, CSA-CA. Budget: Euro 2.3M. Nov. 2012-Nov. 2015.
Project Manager	“Advanced Cargo Transport Information Services – ACTIS” National Programme SYNERGASIA” Budget: Euro 499075. September 2013 - May 2015.
Project Manager	“Education and Training Requirements and Certification Procedures of the Logistics Sector in Greece”. (budget and project details, confidential) World Bank, Nov – Jan 2013.
Project Manger	“Recommendations and Policies to Enhance Airport Environmental Co-Modality – AEC for Passenger and Freight Transport through Research Clusters and SMEs Participation – CARE” Contract through the Clean Aerospace Regions (CARE) Project, Aerospace Valley. Budget: Euro 25000. Feb. 2013 – April 2013.
Project Partner/ Team Leader	“Interdisciplinary Research Collaboration in the field of Energy and Environment – Collaboration-CERTH” Ministry of Education, Programme KRIPIS. Budget: Euro 1.13M. Jan. 2013 – July 2015.
Project Partern/ Team Leader	“Promotion of Port Communities SMEs role in Energy Efficiency and GREEN Technologies for Berthing Operations – GREENBERTH” STC Programme MED. Budget: Euro 1.616M. Nov. 2012 – May 2015
Project Partern/ Team Leader	“Smart Green Innovative Urban Logistics for Energy Efficient Mediterranean Cities – SMILE” STC Programme MED. Budget: Euro 1.872M. Nov. 2012 – April 2015

Project Manager “Future Prospects on Transport Evolution and Innovation Challenges for the Competitiveness of Europe - FUTRE” EC-FP7. CSA-SA. Budget: Euro 877000. Nov 2012 – Oct 2014.

Project Manager “ Network of European – Asian Rail Research Capacities - NEAR2” EC-FP7, CSA-CA. Budget: Euro 887000. Dec 2012 – Nov 2014

Project Manager “Development of an optimization-based simulation platform for modeling and analysis of freight transport operations through marine container terminals – COMPETE” National Program “Thalis”. Budget: Euro 415,000. October 2011 – October 2014.

Team Leader “Carbon Footprint of Freight Transport - COFRET” EC FP7 Collaborative Project. June 2011 – November 2013

Project Manager “Road Safety Campaign” National Project. Budget: Euro 22,000. September 2010 – December 2013

Team Leader “European Transport Research Area International cooperation activities – EUTRAIN” (EC FP7 TPT.2011.3-1) Budget: Euro 314,500. October 2011- October 2013.

Team Leader “Supporting the Transport Research Arena 2012 Conference – TRA2012” (EC FP7 SST.2011.6-1) Budget: Euro 672,500. June 2011 – April 2013.

Project Manager “Maritime Policy Support-MARPOS” EC FP7 (FP7-SST-2007-RTD 1). Budget: Euro 479,820. January 2009-December 2010

Team Leader “European e-Freight capabilities for Co-modal transport, e-Freight” EC FP7 (SST-2008-TREN-1, SST.2008.2.1.5). Budget: Euro 8,389,250 (HIT budget 132,525 Euro). September 2009-September 2012.

Work Package Leader “Smart Container Management – SMART CM” EC FP7 Collaborative Project. Budget: Euro 10,235,084 total, Euro 6,499,942 EC contribution. August 2008 – August 2011.

Principal Investigator “Application of CRS&SI Technologies to Multimodal Short Sea Freight Shipping System (MMSFS)” US Department of Transportation, GMU subcontract Budget \$70,000 January 2010 – January 2012

Principal Investigator “A Novel Methodological Framework for Modeling Flexible Transit Services” Federal Transit Administration. Budget: \$82,340 September 2009 – August 2011

Co-Principal Investigator “Growth Forecasting for Public Transit System Planning in a Changing World” Federal Transit Administration. Budget: \$71,940. September 2009 – August 2011

Principal Investigator “A Cooperative Agreement to Evaluate and Compare Federal Formula Grant Programs” Budget \$200,000. September 2009 – September 2010

Principal Investigator “Short Line Rail: Its Role in Intermodalism and Distribution” Center for Advanced Infrastructure and Transportation, US Department of Transportation. Budget: \$30,000 May 2008 – April 2009

Principal Investigator “Development of an Integrated Transit Asset Management Framework” Federal Transit Administration. Budget: \$30,000. May 2007-May 2008

Co-Principal Investigator “Using Transit to Evacuate High-Density Clusters in Urban Areas- A Microsimulation Based Integrated Tool” Federal Transit Administration. Budget: \$30,000. May 2007-May 2008

Principal Investigator “Feasibility of Freight Villages in the NYMTC Region” NYSDOT/New York Metropolitan Transportation Council (NYMTC). Budget: \$424,382. Project duration: 5/07 – 12/09

Principal Investigator “Variability of Travel Times on New Jersey Highways” Sponsor: NJDOT. Budget: \$120,000. 2/07 – 8/08

Co-Principal Investigator “The Global Logistics Chain: A 21st Century Change Agent” Sponsor: National Science Foundation – Human and Social Dynamics. Budget: \$649,931 12/06 – 12/08

Principal Investigator “Ferry Parking and Landside Access” Sponsor: NYSDOT/New York Metropolitan Transportation Council (NYMTC). Budget: \$66,282. Project duration: Eighteen months. 11/06 – 5/08

Co-Principal Investigator “Strategic Distribution Business Promotion Plan – Phase I” Sponsor: Port Authority of New York and New Jersey. Budget: \$199,797. 5/06 – 11/06

Project Manager “Partnership to Maximize Port Industry Performance – Integration of (RU-NB) and Technical Port Information Systems, Processing and Control Equipment, and Microsimulation Tools” Sponsor: National Science Foundation – Partnerships for Innovation. Budget: \$599,436 4/06 – 3/09

Principal Investigator “Evaluation and Testing of Regional Models – Phase I” Sponsor: NYSDOT/NYMTC. Budget: \$197,297 5/06 – 4/08

Principal Investigator “Feasibility of Establishing a Virtual Container Yard in the New York – New Jersey Region” Sponsor: USDOT/UTRC. Budget: \$99,986 7/05 – 6/06

Project Manager “Feasibility Study to Establish a Freight Transportation Center of Excellence at Rutgers, The State University of New Jersey” Sponsor: Rutgers University Academic Excellence Fund. Budget: \$160,000. 5/06 – 12/06

Principal Investigator “Landscape Enhanced Cue Guidance” Sponsor: NJDOT. Budget: \$157,908. Anticipated starting date subject to funding availability

Principal Investigator “Estimation of the Average Number of Trucks Visiting Non-Residential Sites in New Jersey” Sponsor: NJDEP. Budget: \$10,000. 11/05 – 3/06

Principal Investigator “Development of a Dynamic Laboratory for Freight Intermodal and Maritime Engineering Instruction and Research” Sponsor: Advisory Committee for Instructional Computing, Rutgers University. Budget: \$13,000. 8/05 – 7/06

Principal Investigator “Implementation of Construction Quality Assurance (CQA) Measures for Harbor Sediments and Processed Dredged Material (PDM) Placement” Sponsor: NJDOT/USEPA. Budget: \$40,700. 11/04 – 11/05.

Co-Principal Investigator “Holland Tunnel Entrance and Exit Consolidation Study” Sponsor: NJDOT. Budget: \$35,000. 8/04 – 8/05

Co-Principal Investigator “Solidification of Soft River Sediments Using Deep Soil Technology” Sponsor: NJDOT. Budget: \$418,000. 7/04 – 7/05

Co-Principal Investigator “Transportation Safety Resource Center – Year 1” Sponsor: NJDOT/FHWA. Budget: \$500,000. 7/04 – 6/05

Principal Investigator “Empty Intermodal Container Management” Sponsor: NJDOT/FHWA. Budget: \$144,564. 4/04 – 3/06

Co-Principal Investigator “Biohazard Detection and Security of Critical Transportation Infrastructure” Sponsor: NSF. Budget: \$58,236. 3/03 – 3/04

Principal Investigator “IT Assisted Intermodal Freight Network Modeling for Transportation Contingency Planning” Sponsor: AAAS/NSF, Women’s International Science Collaboration Program. Budget: \$4,000 travel grant. April 2002

Co-Principal Investigator “Operational Improvements at Traffic Circles” Sponsor: NJDOT. Budget: \$422,524. 1/03 – 12/05

Principal Investigator “Develop a Training Programme to Improve Work Zone Safety – PREVENT” Sponsor: Leonardo DaVinci Programme, European Commission. (EL/03/B/F/PP-148205). Budget: Euro 90,500. 2003 - 2005

Principal Investigator “The Future of Transportation Modeling” Sponsor: NJDOT/NJ Transit. Budget: \$246,358. 1/02- 12/04

Principal Investigator “Estimation of Truck Volumes and Flows” Sponsor: NJDOT. Budget: \$400,000. 1/02 – 8/04

Principal Investigator “Technical Solutions to Overcrowded Park & Ride Facilities” Sponsor: USDOT/NJDOT. Budget: \$47,251. 1/02 –12/03

Principal Investigator “Infrastructure Costs Attributable to Commercial Vehicles” Sponsor: NJDOT. Budget: \$78,200. 1/01 – 3/02

Co-Principal Investigator “Global Intermodal Freight Transport System - GIFTS” Sponsor: Information Societies Technology Programme, European Commission. Budget: Euro 392,462. 2001-2004.

Co-Principal Investigator “Evaluation of Adaptive Control Strategies for New Jersey Highways” Sponsor: NJDOT. Budget: \$250,000. 1/01 – 8/04

Principal Investigator “Development of a Transportation E-Teaching and Learning Facility” Sponsor: Advisory Committee for Instructional Computing, Rutgers University. Budget: \$36,985. 8/01 – 12/01

Co-Principal Investigator “A Mobile Self-Sufficient Traffic Data Collection Unit” Sponsor: Engineering Information Technology/Equipment Leasing Fund, Rutgers University. Budget: \$30,000. 8/01 – 10/01

Principal Investigator “University-Based Research, Education and Technology Transfer Program” Sponsor: PennDOT. Budget: \$5,000. 1/98 – 12/98

Principal Investigator “Analysis and Evaluation of Intermodal Commuter Corridors in New Jersey” NCTIP/USDOT. Budget: \$15,000. 9/99 – 3/00

Principal Investigator “Supplemental Grant to Assist in the Multi-Modal Freight Transportation: Regional Data Development and Analysis” Sponsor: NCTIP/USDOT. Budget: \$10,000. 9/96 – 12/97

Invited Presentations

1. Boile (2019) “EU Policy Priorities, the Vision and the Opportunities for Education and Vocational Training” Maritime Economic Forum, Thessaloniki, 5 April 2019
2. Boile (2019) “Maritime Education and Training in Greece and Advancement of the Maritime Sector at a National and EU level – The MATES project findings” 1st Regional Conference

- of Maritime Education and Training Providers. University of Cyprus, Nicosia, 18 February 2019.
3. Boile (2018) “The Silk Road Economic Belt: Infrastructure, benefits and complementarity of rail to road transport” Round Table participant. New Global Routes: One Belt One Road Initiative and TEN-T. Ministry of Infrastructure and Transport, Athens, 6 November 2018.
 4. Boile (2018) “Τεχνολογία Blockchain – Εφαρμογή στις Μεταφορές και τη Ναυτιλία» European Law Observatory on New Technologies. Γραφείο Συνδέσμου στην Ελλάδα, Ευρωπαϊκό Κοινοβούλιο, Αθήνα. 2 Ιουνίου 2018.
 5. Boile (2018) «Δίκτυα Μεταφορών και Δίκτυα Νέας Γενιάς» Η Ελλάδα ως κόμβος στον 21^ο αιώνα: Η διοίκηση των εμπορικών, ενεργειακών και ναυτιλιακών δικτύων. Ελληνική Εταιρία Διοικήσεως Επιχειρήσεων (ΕΕΔΕ) Θεσσαλονίκη, 23 Νοεμβρίου 2018
 6. Boile (2018) “Efficient Connectivity for a Brighter Future” Transforming Transportation 2018 – Realizing Sustainable Mobility for All in the Digital Era. Organized and hosted by the World Bank and World Resources Institute.
 7. Boile (2018) “Green and Efficient Freight Connectivity to Cities” Transforming Transportation 2018 – Realizing Sustainable Mobility for All in the Digital Era. Organized and hosted by the World Bank and World Resources Institute.
 8. Boile M., Theofanis S. (2016) “Competition and Complementarity in Overland and Maritime “One Belt One Road” Variants: Some Key Issues and Considerations” United Nations Economic Commission for Europe. Group of Experts on Euro-Asian Transport Links. 14th Session. Yerevan, Armenia, 26-27 October 2016.
 9. Boile M., Theofanis S. (2016) “Priorities and Training Needs on Health and Safety Issues in Ports. Transportation Research Board Annual Meeting. Washington DC. 10-14 January 2016.
 10. Boile (2016) “Energy Efficiency in Freight Transport” Energy Efficiency Conference. Athens, Greece, 9 June 2016.
 11. Boile M, (2015) “The Future of Transport in Europe” Exploratory forward-looking workshop in support of the 3rd Strategic Programme of Horizon 2020. Brussels, Belgium, 26 May 2015
 12. Boile M., (2015) New Technologies and skills for maritime transport, ocean energy and offshore wind, Union for the Mediterranean Stakeholder Conference. Athens, Greece. 27 May 2015.
 13. Boile M. (2015) “Network of European-Asian Rail Research Capacities” presented at the UNECE EATL Group of Experts meeting. Geneva, Switzerland. 3-4 February 2015.
 14. Boile M., (2014) Enhancing Airport Environmental Co-Modality, Green Mobility Conference, Hamburg, Germany, 24 November 2014
 15. “Κατευθύνσεις & Εξελίξεις στην Έρευνα των Ναυτιλιακών Μεταφορών στην Ευρώπη” Ελληνικό Ινστιτούτο Ναυτικής Τεχνολογίας. Μάρτιος 2014
 16. “Challenges and Opportunities in Dry Ports, Freight Villages, and Freight Facilities Development – Lessons from High Income Countries” World Bank. January 15, 2014.
 17. “SMILE and related initiatives” Transnational Workshop – Sustainable Logistics in Europe: How to mitigate negative impact of freight transport. Breda, The Netherlands, 3 June 2014. Boile M., (2014) Enhancing Airport Environmental Co-Modality, Green Mobility Conference, Hamburg, Germany
 18. “Μελέτη Κόστους Μεταφοράς” Εσπερίδα του Πανελληνίου Συνδικάτου Χερσαίων Εμπορευματικών Μεταφορών με θέμα “Πως η Ελληνική Οδική Μεταφορά Μπορεί να Συνεισφέρει στην Ανάπτυξη της Εθνικής Οικονομίας” 27 Ιουνίου 2013, Αθήνα.

19. Boile M., (2014) “Sustainable Port Cities” Panel Discussant. Sustainable Logistics Conference. The Hague, The Netherlands 6th February 2014
20. “Transport Innovation Deployment for Europe” TIDE CBA Workshop, Invited Participation. 25-26 April, 2013.
21. “Developing the Logistics Sector – Training and Certification” World Bank Workshop. Athens, 31 November, 2014.
22. “What can be learned from the United States? (e.g. municipal bonds used to finance ports)” Expert Meeting on How to Finance Future Port Infrastructure Investments. University of Antwerp. 22-23 November, 2012.
23. “New Models of Stakeholder Collaboration in Freight Transport and Logistics – Coping with the Economic Crisis” 13th National meeting of the Hellenic Chambers Transport Association, Argos, October 2011.
24. “Developments in Research and Innovation in the field of Freight Transport and Logistics – The EU Initiatives” 3rd International Expo, Supply Chain and Logistics. Athens, February 2011.
25. “Maritime Security – Safeguarding ports from organized crime, Securing mass passenger vessels”. EXPOSEC- 10th Homeland, Corporate Security and Defense Conference and Expo. Athens, April 2011
26. “Actions of the Hellenic Institute of Transport on Road Safety” ETRC – PRAISE Country Seminar, Greece. Athens, March 2011.
27. “Sustainable Urban Mobility – The Case of Piraeus and the Islands” Prefecture of Piraeus. Piraeus, Greece. March, 2011.
28. “A Green Working Waterfront Works – Jobs – How to green them, protect them and grow them” 2010 Waterfront Conference. The Metropolitan Waterfront Alliance. New York, November 2010.
29. “Maritime Transport Research: Setting the Priorities to Improve System Efficiencies” DevelopMed Roundtable - Mediterranean Ports: Present and Future Challenges. Athens, December 2009
30. “Data Needs and Model Inputs to Port Newark/Elizabeth Roadway Cost/Benefit Analysis” Port Authority of New York and New Jersey. New York, NY. July, 2008.
31. “Freight Village Developments in Europe: Advanced and Challenges Ahead” ACSP-AESOP 2008 Joint Congress, July 8, 2008, Chicago, IL
32. *Simulating Seamlessness: A Preview of Rutgers Powerful New Modeling Tool for Improving Port Throughput Planning*. TransAction, Atlantic City, New Jersey, Απρίλιος 2008.
33. “US Experience” Plenary Session at: Co-Modality; An Intermodal Key to Sustain Green Logistics. Valencia, March 6-7, 2008.
34. “Partnership for Maximizing Port Industry Performance” National Science Foundation Partnerships for Innovation Workshop, March-April 2008.
35. “Οι Πρόσφατες Εξελίξεις στο Παγκόσμιο Σκηνικό Παροχής Λιμενικών Υπηρεσιών: Ο Ρόλος των Επενδυτικών Κεφαλαίων Υποδομών. Ποιό θα είναι το Επόμενο Βήμα;” Συνέδριο του Προγράμματος Εμπορευματικών και Ναυτιλιακών Μεταφορών του Αριστοτελείου Πανεπιστημίου με θέμα «Εξελίξεις και Πρακτικές στην Οργάνωση, Λειτουργία και Διοίκηση των Λιμένων και Λιμενικών Τερματικών Εγκαταστάσεων» Θεσσαλονίκη, 10 Ιανουαρίου 2008
36. “The Economic Impact of Trade Imbalance on Ports” Προσκεκλημένη ομιλήτρια στο μάθημα Advanced Port Economics στο Μεταπτυχιακό Πρόγραμμα του Institute for

- Transport and Maritime Management Antwerp (ITMMA) University of Antwerp. November 2007
37. "Evaluating Strategies to Improve Truck Operations in the Port Region" Port Authority of New York and New Jersey. New York, NY. May, 2007
 38. "Port Congestion and the Impact of Pricing Policies" Προσκεκλημένη ομιλήτρια στην Αρχή Λιμένων Νέας Υόρκης – Νέας Υερσέης (PANYNJ) November 2007
 39. "Research Issues in Freight Transportation – Congestion and System Performance" Organized by the Transportation Research Board Freight Systems Group, Marine Group, and Freight Transportation Data Committee. Invited Panel Member. December, 2007
 40. "Overview of the PANYNJ Planning and Capital Investment Program" NJ Common Grounds Alliance Planning Meeting. 10 March 2007.
 41. "Partnership to Maximize Port Industry Performance – Can Advanced Research Methods Assist in Practice? The Case of Port of New York and New Jersey" Conference on Research Issues in Freight Transportation – Congestion and System Performance. National Academy of Sciences, October 22-23, 2007. Washington DC
 42. "A Multi-Objective Formulation of the Berth Allocation Problem" Institute for Operations Research and Management Science (INFORMS) Seattle, Washington, 4-7 November 2007
 43. "Concentration and Ownership in Global Terminal Operations: What is the next step?" Προσκεκλημένη ομιλήτρια στην ενότητα με θέμα: Globalization and Freight Transportation in a Containerized World του 2007 Conference of the Association of American Geographers. April 17-21 2007. San Francisco, California, US.
 44. "Seaside Container Terminal Operations" Graduate Seminar Series, University of Washington. May 11, 2007. Seattle, Washington, US.
 45. "Our Port in the Global Economy" United Nations Association. June 1, 2006. Newark, New Jersey, US.
 46. "Intermodal Network Modeling – Freight and Maritime Systems Analysis" Graduate Seminar Series, Center for Supply Chain Management, Rutgers University. April, 2006. Newark, New Jersey, US.
 47. «ILCs and Freight Villages in the US – Experiences and Recent Developments» 15th Anniversary of Europlatforms, The European Association of Freight Villages. December 18, 2006. Paris, France.
 48. "An Overview of Global Container Repositioning Issues" Keynote Presentation at the 3rd Container Owners Association (COA) Members Meeting, June 23, 2006. Antwerp, Belgium.
 49. "Empty Marine Container management in a Port Megacity Region" North Jersey Transportation Planning Authority, November 9, 2005. Newark, New Jersey, US
 50. "Empty Marine Container management in a Port Megacity Region, New York Metropolitan Transportation Council, October 19, 2005. New York, New York, US
 51. "Estimation of the Average Number of Trucks Visiting Non-Residential Sites in New Jersey" New Jersey Department of Environmental Protection. May 8, 2005. Trenton, New Jersey, US
 52. "Truck Accident modeling" Metropolitan Section--New York and New Jersey of the Institute of Transportation Engineers (ITE), November 2004, New Brunswick, New Jersey, US
 53. "The Role of Shipping in Multimodal Transportation: Building the Future" Panel Participant at the Med Ports 2002. April 23, 2002. Athens, Greece
 54. "The New Intermodal Expedito and Its Potential to Reduce Transit Operating Subsidies" American Public Transit Association Bus and Paratransit. May 5-9, 2002. Minneapolis, Minnesota, US

55. “Multi-modal: Bus and Intermodal Transportation” Operation Stimulus Conference – Collaborative Transportation for Supply Chain Management Success. January 31 - February 2, 2002. Denver, Colorado, US
56. “A Combined Passenger/Freight Intermodal Transportation System” Presentation to a delegate from China Academy of Transportation Sciences, Ministry of Communication, China, at the University of Denver, June 2001. Denver, Colorado, US
57. “Freight Modeling” New York Metropolitan Transportation Council (NYMTC) Freight Transportation Working Group, April 25, 2001. New York, New York, US
58. “Intermodal Transportation” American Society of Civil Engineers Lehigh Valley Section meeting, September 21, 2001. Walnutport, Pennsylvania, US.
59. A Methodological Framework for Optimizing Bus Transit Service Coverage. Metropolitan Section--New York and New Jersey of the Institute of Transportation Engineers (ITE), October 1993. Newark, New Jersey, US

Presentations in Scientific Conferences

1. Spyrou, E., Anagnostopoulou, A., Boile, M., & Mitrakos, D. (2019) Game Theoretic Algorithm for Vehicle Selection from Deployed Fleet, 6th International Conference on Control, Decision and Information Technologies (CoDIT). IEEE, 2019.
2. Anagnostopoulou, A., & Boile, M. (2018). Challenges and opportunities of open science in transport research, Proceedings of the 6th QUAESTI Scientific Virtual Conference - Multidisciplinary Studies and Approaches, 10th – 15th December.
3. Boile, M., Anagnostopoulou, A., & Bekiaris, E. (2018) The Development of Greek Ports as European Gateways, World Transport Convention 2018 - Belt and Road International Transport Symposium, 18th – 21st June, Beijing, China.
4. Anagnostopoulou, A., & Boile, M. (2018) Environmental aspects of urban freight movement in private sector, 4th Conference on Sustainable Urban Mobility, 24th – 25th May, Skiathos, Greece.
5. Anagnostopoulou, A., Aggelakakis, A., Boile, M., Hijdra, A., Werland, S., Shrestha, S., Lah, O. (2018). Comprehensive framework on asset management of transportation networks and resilience planning, 7th Transport Research Arena (TRA), 16th - 19th April, Vienna, Austria.
6. Adesiyun A., Goger T., Hijdra A., Anagnostopoulou A., Aggelakakis A., Shrestha S., Werland S., and Boile M. (2017). Common framework for a life cycle based asset management approach for transport infrastructure networks, IRF World Road Meeting, 14th – 17th November, Delhi, India.
7. Anagnostopoulou A., Sdoukopoulos E. and Boile M. (2017). Sustainable urban logistics for efficient and environmentally friendly port-cities, International Maritime Association of the Mediterranean, 9th – 11th October, Lisbon, Portugal.
8. Anagnostopoulou A., Aggelakakis A., Boile M. and Hijdra A. (2017). Building resilience and broad optimization of transportation networks, 8th International Congress on Transport Research, 27th - 29th September, Thessaloniki, Greece.
9. Anagnostopoulou, A., Boile, M., Papargyri, E., & Poulou, M. (2017). An Advanced Solution Approach for Energy Efficient Garbage Collection Service. 3rd Conference on Sustainable Urban Mobility, 26th – 27th May 2016, Volos, Greece

10. Anagnostopoulou, A., Boile, M., Papargyri, E., & Poulou, M. (2016). An Advanced Solution Approach for Energy Efficient Garbage Collection Service. 3rd Conference on Sustainable Urban Mobility, 26th – 27th May 2016, Volos, Greece.
11. Boile M., Anagnostopoulou A. (2016) “Transnational policy framework – Guidelines for energy-efficient cities” POLIS Conference. Rotterdam, The Netherlands. 1-2 December 2016 (forthcoming).
12. Anagnostopoulou A., Boile M. (2016) “Big Data in freight movement and emissions management” NECTAR workshop. Seville, Spain. 10-11 March, 2016.
13. Sdoukopoulos E., Anagnostopoulou A., Theofanis S., Pallis P., Boile M., Georgakopoulos Ch., Rikkou K. (2015) “Freight exchange platforms: State-of-the-art review and a novel case for the Greek market” 1st International Transport Conference and 15th Special Conference of the Hellenic Operational Research Society. Alexandroupolis, Greece. 15-16 October 2015.
14. Anagnostopoulou A., Boile M., Sdoukopoulos E., Margaritis D. (2015) “Combinatorial auctions in freight logistics: State-of-the-art” VERLOG meeting. Vienna, Austria. 8-10 June, 2015.
15. Boile M., Theofanis S., Sdoukopoulos E., Plytas N., Gutierrez J.M., Grados V.D., Company R. (2015) “Assessing the energy efficiency of port operations” 2nd International Conference on “Energy, Sustainability and Climate Change” ESCC. Crete, Greece. June 21-27, 2015.
16. Αναγνωστοπούλου Α., Ρεπούσης Π., Ταραντίλης Χ., Μποιϊλέ Μ., (2014) “Επίλυση του Προβλήματος Δρομολόγησης Στόλου Οχημάτων με Δυναμικές Παραγγελίες Πελατών με τη Χρήση Πολλαπλών Σχεδίων” 6ο Συνέδριο για την Έρευνα στις Μεταφορές στην Ελλάδα. Θεσσαλονίκη, Ελλάδα
17. Margaritis D., Morfoulaki M., Boile M. (2014) «Effects of Tourist Mobility on Air Quality at Kavala City Port Area» 5th Environmental Conference of Macedonia. 14-16 March 2014, Thessaloniki, Greece.
18. Μαργαρίτης Δ., Μποιϊλέ Μ. (2014) “Σύγκριση Στάθμης Θορύβου με Κίνηση και χωρίς Κίνηση Οχημάτων στο Κέντρο της Θεσσαλονίκης” 6ο Συνέδριο για την Έρευνα στις Μεταφορές στην Ελλάδα. Θεσσαλονίκη, Ελλάδα
19. Μποιϊλέ Μ., Θεοφάνης Σ., Σδουκόπουλος Ε., Moini N., Μαργαρίτης Δ., (2014) “Αξιολόγηση των Επιπτώσεων ενός Συστήματος Προγραμματισμένων Αφίξεων στις Πύλες Εισόδου ενός Λιμενικού Σταθμού Διαχείρισης Εμπορευματοκιβωτίων μέσω Προσομοίωσης” 6ο Συνέδριο για την Έρευνα στις Μεταφορές στην Ελλάδα. Θεσσαλονίκη, Ελλάδα
20. Boile M. (2014) “User Information Systems and Intermodal Freight Transport: Experiences from the European Maritime Sector and Beyond” Session 653 User Information Systems: Past, Present and Future. TRB Annual Meeting, Washington D.C.
21. Boile M., Betak J., Kortsari A., Chatziathanasiou M., (2014) “The New Silk Road – International Rail Transport between Europe and Asia” International Trade and Transport Committee, TRB Annual Meeting, Washington D.C.
22. Mitsakis E., Papanikolaou A., Boile M. (2014) “Impact of the Economic Crisis on Greece’s Transport Sector” Session 209 Transportation Impacts of the Global Economic Crisis. TRB Annual Meeting, Washington D.C.
23. Anagnostopoulou A., Boile M. and Sdoukopoulos E. (2014). Sustainable energy: New challenges for urban distribution, 3rd International Symposium and 25th National Conference on Operational Research, 26th – 28th June, Volos, Greece.

24. Sdoukopoulos E., Boile M., Theofanis S. and Anagnostopoulou A. (2014). Sustainable freight strategies for port cities, 3rd International Symposium and 25th National Conference on Operational Research, 26th – 28th June, Volos, Greece.
25. Anagnostopoulou A., Boile M., Sdoukopoulos E., Theofanis S. and Margaritis D. (2014). Electric Vehicle Routing Problem with Industry Constraints: trends and insights for future research. *Transportation Research Procedia*. Vol. 3, pp. 452 – 459, DOI:10.1016/j.trpro.2014.10.026.
26. Boile M., (2014) Διαχείριση της Κίνησης μέσω Λιμενικών Εγκαταστάσεων με στόχο τη Μείωση της Ρύπανσης. 6ο Πανελλήνιο Συνέδριο Λιμενικών Έργων. Αθήνα 11 Νοεμβρίου 2013
27. Boile M., Theofanis S., Sdoukopoulos E. and Anagnostopoulou A. (2013). Urban logistics strategies for the efficient distribution of fresh produce, 5th METRANS International Urban Freight Conference, 8th – 10th October, Long Beach, California.
28. Boile M., Theofanis S., Sdoukopoulos E. and Anagnostopoulou A. (2013) Port Regionalization and Empty Container Management. An Application in the Balkan Region, 5th METRANS International Urban Freight Conference, 8th – 10th October, Long Beach, California.
29. Boile, M.; Papanikolaou, A.; Reichenbach, M. (2013) Future mobilities in freight transport – Review of the current research agenda. Vortrag auf der Global Conference on Mobility Futures, University of Lancaster, Großbritannien, 04.-06.09.2013
30. Anagnostopoulou A., Sdoukopoulos E. and Boile M. (2013). Assessing the impact of marine terminal gate operational and infrastructure improvements, 15th International Congress of the International Maritime Association of the Mediterranean, 14th – 17th October, La Coruña, Spain.
31. Anagnostopoulou A., Repoussis P., Tarantilis C. and Boile M. (2013). A multiple plan approach for the Vehicle Routing Problem with dynamic customer requests, 6th International Congress on Transport Research, 16th -18th October, Thessaloniki, Greece.
32. Auvinen, H., M. Boile, V. Ehrler, O. Eidhammer, A. Lewis, and K. Mäkelä (2012) “Measuring the Carbon Footprint of Freight and Logistics Activity along Supply Chains“ Proceedings of the 19th International Transport and Air Pollution Conference, Thessaloniki, Greece
33. Boile, M. (2012) “Assessing Environmental and Health Implications from Port Drayage Activity“ Proceedings of the 19th International Transport and Air Pollution Conference, Thessaloniki, Greece
34. Boile, M., L. Sdoukopoulos (2011) “Supply Chain Security – The SMART CM Project Solutions” Global Supply Chain Security Conference, London, July 2011.
35. Sdoukopoulos L., M. Boile, E. Gagatsi (2011) “European Maritime Transport Policy and Research Priorities” International Association of Maritime Economists (IAME) Conference, Santiago de Chile, October 2011.
36. Theofanis, S., M. Boile, Dimitriadis D., Xiradakis G. (2011) “Financing Credit Risk Rating of Ro/Ro and RoPax Shipping Companies: An Application to the Greek Coastal Shipping Industry” Transportation Research Board Annual Meeting, Washington D.C. January 2011
37. Saharidis G., Golias M., Theofanis S., Boile M. (2010) “Discrete time formulation for the assignment problem applied in cross docking facilities” International Conference on Transportation Research, Athens, Greece.

38. Golias M., Boile M., Theofanis S. (2010) “The yard to berth operations resource allocation problem at marine container terminals” International Conference on Transportation Research, Athens, Greece.
39. Boilé M., Golias M.M., Ivey S. A Bayesian hierarchical network for truck demand modeling. Innovations in freight demand modeling and data: A transportation research board SHRP 2 symposium. 2010, Crowne Plaza Hotel– Dulles Airport, Washington, DC, 2010.
40. Golias, M., Boile M., Theofanis S. (2010) “The Discrete Berth Scheduling Problem: Towards a Unified Mathematical Formulation” 89th Annual Transportation Research Board Meeting. January 10-14, Washington D.C.
41. Golias, M., Boile M., Theofanis S., Efstathiou C. (2010) “The Berth Scheduling Problem: Maximizing Berth Productivity and Minimizing Fuel Consumption and Emissions Production” 89th Annual Transportation Research Board Meeting. January 10-14, Washington D.C.
42. Moini N., Boile M., Laventhal W., Theofanis S. (2010) “A Model to Estimate Container Dwell Time Using a Set of Determinants” 89th Annual Transportation Research Board Meeting. January 10-14, Washington D.C.
43. Zhang, T., Saharidis G., Theofanis S., Boile M. (2010) “Scheduling of Inbound and Outbound Trucks at Cross-Docks – Modeling and Analysis” 89th Annual Transportation Research Board Meeting. January 10-14, Washington D.C.
44. Laventhal W., Theofanis S., Boile M. (2010) “Trends in Global Port Operations and Their Influence on Port Labor: Challenges and Implications for US East Coast Longshoremens” 89th Annual Transportation Research Board Meeting. January 10-14, Washington D.C.
45. Boile, M. (2009) “Δράσεις του IMET για την προαγωγή της Οδικής Ασφάλειας” 4^ο Πανελλήνιο Συνέδριο Οδικής Ασφάλειας, November 5-6, Athens, Greece
46. Boile, M. (2009) “Η Χωροθέτηση – Ανάπτυξη Κέντρων Εμπορευματικών Μεταφορών στην Ελλάδα” 13^ο Πανελλήνιο Συνέδριο Logistics, November 13-14, Athens, Greece
47. Golias M., Boile M., Theofanis S. (2009) “An Adaptive Time Window Partitioning Based Algorithm for the Discrete and Dynamic Berth Scheduling Problem” 88th Annual Transportation Research Board Meeting. January 11-15, Washington D.C.
48. Zhang, T., G. Saharidis, M. Boile, S. Theofanis (2009) “Modeling and Analysis of Door Layouts at Crossdock Facilities” 3rd METRANS National Urban Freight Conference, Long Beach, California.
49. Golias M., Boile M., Theofanis S. (2009) “ A Bi-Level Formulation for the Berth Scheduling Problem with Variable Vessel Release Dates to Reduce Port Emissions” International Conference on Shipping, Port, Logistics Management. April 2-3, Incheon, Korea
50. Theofanis S., Golias M., Boile M., (2009) “A Multi-Objective Berth Scheduling Policy to Optimize Vessel Fuel Consumption and Schedule Integrity” International Transport Economics Conference (ITrEC) June 15-16. Minneapolis, Minnesota
51. Mittal, N., Boile M., Baveja A., Theofanis S. (2009) “A Two-Stage Stochastic Program with Recourse for Analyzing the Effect of Demand Uncertainty in the ‘Inland-Depots-for-Empty-Containers’ (IDEC) System” 88th Annual Transportation Research Board Meeting. January 11-15, Washington D.C.
52. Golias, M., G. Saharidis, M. Boile, S. Theofanis, T. Zhang. (2009) “Scheduling Inbound Trucks at a Cross-Docking Facility: A Multi-objective and a Hierarchical Approach” IESM 2009, Montreal, Canada

53. Mastrogiannidou C., Boile M., Golias M., Theofanis S., Ziliaskopoulos A. (2009) “Using Transit to Evacuate Facilities in Urban Areas: A Micro-Simulation Based Integrated Tool” 88th Annual Transportation Research Board Meeting. January 11-15, Washington D.C.
54. Theofanis S., Boile M., Golias M. (2009) “Container Terminal Berth Planning: Research Approaches and Practical Challenges – A Critical Review” 88th Annual Transportation Research Board Meeting. January 11-15, Washington D.C.
55. Boile M., Moini N., Theofanis S. (2009) “Evaluating the Determinants of Container Dwell Time” 50th Annual Transportation Research Forum. March 15-18. Portland, Oregon.
56. Boile M. (2009) “Revisiting Transit Asset Management: Tackling Critical Issues and System Planning” 50th Annual Transportation Research Forum. March 15-18. Portland, Oregon.
57. Boile, M. and Theofanis S. Identifying Data Needs to Model and Understand Port Truck Drayage Operations. Transportation Research Board, North American Freight Flows Conference. September 22-23, 2008. Irvine, CA.
58. Golias M., Boile M., Theofanis S. *A 2-opt based heuristic for the machine scheduling problem*. INFORMS 2008 Washington, DC.
59. Boile M., Theofanis S., Golias M., Zhang T. *Truck Scheduling at Crossdocking Terminals*. INFORMS 2008 Washington, DC.
60. Sacharidis G., Boile M., Ierapetritou M., Theofanis S., Golias M. *The Multi-Objective Berth Scheduling Problem with Customer Differentiation: Single-Level vs Bi-Level Optimization*. INFORMS 2008 Washington, DC.
61. Mittal, N., Boile M., Baveja A., Theofanis S. Analyzing Demand Uncertainty in an Inland Depot for Empty Containers System and Solving a Large-Scale Facility Location Problem. INFORMS 2008 Washington, DC.
62. Theofanis S., Boile M. “Recent Freight Transportation Policy Agenda in the US and Europe: From Converging Problems to Converging Policies?” AAG Annual Meeting 15-19 Απριλίου 2008. Boston Massachusetts.
63. Boile M., Theofanis S., Golias M. “A 2-opt based heuristic for the minimum service and minimum weighted service time berth allocation problem.” 10th International Conference on Applications of Advanced Technologies in Transportation, Αθήνα, 27-31 Μαΐου2008.
64. Boile M., Theofanis S., Ziliaskopoulos A., Golias M, Mastrogiannidou C. “Using transit to evacuate high density clusters in urban areas– a microsimulation based integrated tool”. 10th International Conference on Applications of Advanced Technologies in Transportation, Αθήνα, 27-31 Μαΐου2008.
65. Theofanis S., and Boile M. “Using DTA Based Microsimulation to Estimate Benefits from the Operation of a Virtual Container Yard (VCY)” 10th International Conference on Applications of Advanced Technologies in Transportation, Αθήνα, 27-31 Μαΐου2008.
66. Boile M, Golias M, Theofanis S. “A Conceptual Approach for the Yard-Berth Operations Asset Management and Resource Allocation at Container Terminals.” 2008 Annual Transportation Research Forum, Texas A&M University, College Station, Texas, 2008.
67. Mittal N., Baveja A., Boile M., Theofanis S. “A Multi-Criteria Decision Making Approach for A Sustainable Development of Inland Depots for Empty Container (IDEC) System in a Region” 2008 Annual Transportation Research Forum, Texas A&M University, College Station, Texas, 2008.
68. Boile M., Theofanis S., Moini N. “Modeling the Relationship between Vessel Activity at the Warf and Gate Traffic at a Marine Container Terminal” 2008 Annual Transportation Research Forum, Texas A&M University, College Station, Texas, 2008.

69. Boile M., Mittal N., Theofanis S., Baveja A. (2008) “Inland Depots for Empty Containers Concept for Effective Regional Repositioning of Empty Containers” 55th Annual North America Meeting of the Regional Science Association International. November 2008. Brooklyn, New York.
70. Theofanis S., Boile M., Golias M. “Evaluating Roadside Impact of Different Gate Operation Strategies at a Container Terminal Using Microsimulation” 2008 Annual Transportation Research Forum, Texas A&M University, College Station, Texas, 2008.
71. Boile, M., Theofanis, S., Baveja A. and Mittal N. “Regional Repositioning of Empty Containers: A Case for Inland Depots” 87th Annual Transportation Research Board Meeting, Washington DC. January 2008.
72. Golias M., Theofanis S., Boile M., Taboada H.A. “A Post Pareto Analysis Approach for the Discrete and Dynamic Multiobjective Berth Allocation Problem.” 87th Annual Transportation Research Board Meeting, Washington DC. January 2008.
73. Matrogiannidou C., Theofanis S., Ziliaskopoulos A., Boile M. “The Intraterminal Transport Problem: System Description, Literature Review and Research Recommendations” 87th Annual Transportation Research Board Meeting, Washington DC. January 2008.
74. Camay S., Derman B., Bohn E., Ramasubramanian L., Milczarski W., Albrecht J., Boile M., Theofanis S. “Ferry Parking and Landside Access Study – Implementing Public Outreach and Impact Assessment” 87th Annual Transportation Research Board Meeting, Washington DC. January 2008
75. Mittal N., Boile M., Baveja A., Theofanis S. (2008) «Inland-Depots-for-Empty-Containers (IDEC) System for Effective Regional Repositioning of Empty Containers» *Global Supply-Chain Transportation and Logistics*, IIT Delhi, New Delhi, August 2008 (Keynote address)
76. Theofanis, S., Boile, M. and Naniopoulos, A. (2007), “The Role of a Virtual Container Yard (VCY) in Reducing Unproductive Trucking Moves Around Marine Container Terminals”, 10th International Maritime Conference “MARDCON 10”, November 4-5, Ain Sokhna, Egypt.
77. Naniopoulos, A., Theofanis, S., Boile, M. and Palantzas, G. (2007), “Advances in Containerization: Demand, Supply and Challenges Ahead”, 10th International Maritime Conference “MARDCON 10”, November 4-5, Ain Sokhna, Egypt.
78. Boile, M., Theofanis S., Baveja A., Mittal N. “Evaluating the Effectiveness of Inland Depot for Empty Containers (IDEC) Concept in Empty Container Management” 2nd Annual National Urban Freight Conference, 5-7 Δεκεμβρίου 2007. Long Beach, CA
79. Golias M., Theofanis S., Boile M. “Berth and Quay Crane Scheduling A Formulation Reflecting Start and Finish of Service Deadlines and Productivity Agreements.” 2nd Annual National Urban Freight Conference, 5-7 Δεκεμβρίου 2007. Long Beach, CA.
80. Theofanis S., Golias M., Boile M. “An Adaptive Local Search Heuristic for the Discrete Berth Allocation Problem.” 2nd Annual National Urban Freight Conference, 5-7 Δεκεμβρίου 2007. Long Beach, CA
81. Theofanis S., Boile M., Mann H. “Freight Villages and Other Logistics Centers in Europe: Experiences, Best Practices and Challenges Ahead” 2nd Annual National Urban Freight Conference, 5-7 Δεκεμβρίου 2007. Long Beach, CA
82. Boile M., Theofanis S., Golias M. “A Framework for Modeling Port Related Congestion and Evaluating Mitigation Strategies” 9th Annual NJDOT Research Showcase. 27-28 Νοεμβρίου 2007

83. Boile M., Theofanis S., Moini N., Golias M. “Forecasting Gate Inbound and Outbound Traffic based on Berth Activity at Marine Container Terminals” 9th Annual NJDOT Research Showcase. 27-28 Νοεμβρίου 2007
84. Theofanis S., Boile M., Williams T., Maher A. “Port Asset Management, The Role of Port Authorities and Marine Terminal Operators – A Systemic Approach” 7th National Conference on Transportation Asset Management, 6-8 Νοεμβρίου 2007. New Orleans, Louisiana.
85. Boile M., Theofanis S. “Port Asset Management Beyond the Port: A Port Access Roadway Network Management Decision Support System” 7th National Conference on Transportation Asset Management, 6-8 Νοεμβρίου 2007. New Orleans, Louisiana.
86. Boilé M., Theofanis S., Golias M. “A Multi-objective Formulation for the Berth Allocation Problem”, INFORMS Annual Meeting 5-8 Νοεμβρίου 2007. Seattle, Washington
87. Golias M., Theofanis S., Boilé M. “Berth and Quay Crane Scheduling: A Multi-objective Formulation” INFORMS Annual Meeting 5-8 Νοεμβρίου 2007. Seattle, Washington.
88. Theofanis S., Boile M. “Estimating Empty Container Trip Reduction from a Virtual Container Yard Operation” INFORMS Annual Meeting 5-8 Νοεμβρίου 2007. Seattle, Washington.
89. Janakiraman, Boile, Theofanis “Addressing a Global Transshipment Hub Location Routing Problem by Using a Multi-Stage Model Formulation Approach”, IAME 2007, Athens.
90. Theofanis, Boile, Janakiraman, Naniopoulos “Reducing unproductive empty container movements around marine container terminals: the role of a Virtual Container Yard”, IAME 2007, Athens
91. Theofanis, Boile, Golias “An optimization based genetic algorithm heuristic for the berth allocation problem” θα παρουσιαστεί στο IEEE Congress on Evolutionary Computation, Singapore 25-28 September 2007
92. Theofanis, S., Golias, M., Boile, M. (2007) “Berth and Quay Crane Scheduling: A Formulation Reflecting Service Deadlines and Productivity Agreements”, θα παρουσιαστεί στο TRANSTEC 2007 Annual Conference, Prague, Czech Republic, September 13-15, 2007
93. Theofanis, S., “Quantifying the Role of a Virtual Container Yard (VCY) in Reducing Unproductive Empty Container Movements Around Marine Container terminals”, θα παρουσιαστεί στο TRANSTEC 2007 Annual Conference, Prague, Czech Republic, September 13-15, 2007
94. Golias, M., Boile, M., Theofanis, S. (2007) “The Stochastic Berth Allocation Problem”, θα παρουσιαστεί στο TRANSTEC 2007 Annual Conference, Prague, Czech Republic, September 13-15, 2007
95. Boile, M., Theofanis, S., Jamakiraman, S. (2007) “A Multi-Stage Model Formulation Approach to Address the Global Transshipment Hub Location Routing Problem”, θα παρουσιαστεί στο TRANSTEC 2007 Annual Conference, Prague, Czech Republic, September 13-15, 2007
96. Theofanis, S., Boile, M., Ziliaskopoulos, A. (2007) “Estimating Empty Container trip Reduction from a Virtual Container Yard Operation”, to θα παρουσιαστεί στο 13th International Conference on Urban Transport and the Environment, 3-5 September, 2007, Coimbra, Portugal.
97. Theofanis, S., Boile, M., Naniopoulos, A. (2007) “Reducing Emissions From Port Drayage Operations: The Role of a Virtual Container Yard”, θα παρουσιαστεί στο 13th International

- Conference on Urban Transport and the Environment, 3-5 September, 2007, Coimbra, Portugal.
98. Boile, M., Theofanis, S., Golias, M. (2007) "The Berth Allocation Problem: a Formulation Reflecting Service Priority Arrangements With Time Windows", θα παρουσιαστεί στο in the 2nd International Conference on Transportation Logistics, 4-6 July 2007, Shenzhen, P.R. China.
 99. Boile, M., Theofanis, S., Golias, M. (2007) "Berth Planning by Customer Service Differentiation: A Multi-Objective Approach", θα παρουσιαστεί στο 2007 World Conference on Transportation Research, June 24-28, University of Berkeley, California.
 100. Theofanis, S. and Boile, M. (2007) "Virtual Container Yard: an Innovative Approach in Handling Container Transportation Adverse Impacts in Metropolitan Areas", 2007 Conference of the Association of American Geographers, April 17-21, San Francisco, California.
 101. Boile, M. and Theofanis, S. "Empty Marine Accumulation in a Port Megacity Region", 2007 Conference of the Association of American Geographers, April 17-21, San Francisco, California.
 102. Golias, M., Boile, M., Theofanis, S. (2007) "The Berth Allocation Problem: A Formulation Reflecting Time Window Service Deadlines", 48th Annual Meeting of Transportation Research Forum, Boston
 103. Theofanis, S., Boile, M., Janakiraman, S. (2007) "Modeling Empty Container Matching Opportunities Through a Virtual Container Yard", 48th Annual Meeting of Transportation Research Forum, Boston
 104. Theofanis, S., Boile, M., Golias M. (2007) "Container Terminal Seaside Operations Scheduling: Does Current Research Address the Practical Challenges of Berth Planning?-A Critical Review", 48th Annual Meeting of Transportation Research Forum, Boston
 105. Janakiraman, S., Theofanis, S., Boile, M., Naniopoulos, A. (2007) "Virtual Container Yard: A Simulation-Based Feasibility Perspective", 86th TRB Annual Meeting, Washington D.C.
 106. Golias, M., Boile, M., Theofanis, S. (2007) "The Berth Allocation Problem: A Formulation Reflecting Service Delay Penalties and Early Premiums", 86th TRB Annual Meeting, Washington D.C.
 107. Boile, M and Theofanis, S., Golias, M. (2006) "Berth Allocation with Service Priorities: A Linear Reformulation", 1st WSEAS International Symposium on Advances in Naval Science, Research and Education, Tenerife, Canary Islands, Spain.
 108. Boile, M. and Theofanis, S. (2006) "Developing a Maritime Transportation and Port Operations Education and Research Program in the US-Experiences and Challenges", 1st WSEAS International Symposium on Advances in Naval Science, Research and Education, Tenerife, Canary Islands, Spain.
 109. Boile, M. and Theofanis, S. (2006) "Education Innovations in Maritime Transportation and Port Operations", 5th ASEE Global Colloquium on Engineering Education, Rio de Janeiro, Brazil.
 110. Theofanis, S., Boile, M., Jafari, M., Cheng, Y., Maher, A., (2006) "BERTH SCHEDULER: A Dynamic Assignment Berth Planning Tool", 4th Pan-Hellenic Conference in Port Engineering, Athens, Greece.

111. Boile, M., Theofanis S. and Spasovic L. (2006) “The Role of Various Players in the Port Industry – Theory and Practice” 47th Annual Forum of the Transportation Research Forum, New York, NY.
112. Boile, M. (2006) “The Impact of Heavy Vehicles on Freeway Maintenance Cost” 1st International Symposium on Freeway & Tollway Operations. Αθήνα, June 4-7.
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