

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

Coordinator, European Waterborne Technology Platform

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.
- co-Director of the Freight and Maritime Program (FMP) 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

Freight and Maritime Program

- Participated in establishing 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)

- Introduced 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
- Facilitated the establishment of the Program's Advisory Board with high-level executives from the greater NY metropolitan region.
- FMP was 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

- 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

- 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

Professor, Ports and Maritime Logistics, Department of Maritime Studies, University of Piraeus (2020 – to date)

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, 2019 – to date

Visiting Lecturer, Arab Academy of Science, Technology and Maritime Transport (AASTM), Alexandria, Egypt, May 2018, January 2022

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

Visiting Lecturer, University of West Attica, Graduate Program in Port Organization, Operation, Development and Management

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

Administrative Experience

Member of the Grievance Committee of the University of Piraeus (2019 – 2020)

Director, Postgraduate Program in Shipping, Department of Maritime Studies, University of Piraeus (2019 – to date)

Member (alternate) of the Greek Maritime Education Evaluation Committee (2019)

Director, Laboratory of Quantitative Analysis in Shipping, Department of Maritime Studies, University of Piraeus (2018 – to date)

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

Chair of the Internal Evaluation Committee (OMEA) of the Department of Maritime Studies, University of Piraeus (2018 – to date) – responsible for the preparation of the external evaluation for accreditation of the Department

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

Member of the Research Committee of the University of Piraeus, representative of the Department of Maritime studies (2018-2020)

Member of the Internationalization Committee of the University of Piraeus, representative of the School of Shipping and Industry (2018 - to date)

Member of the Board of the Institute of the History of Merchant Shipping (2018 – to date)

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 VTMS 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

Waterborne Award runner up - Short listed (1st) in the TRAVISIONS 2020 Senior Researcher Competition – Port and maritime transport policy.

Coordinator of the EU-PORTRAIItS project, which received the Silver Prize and distinction as “Highly Commended” initiative at the 2015 Health & Safety Awards.

Coordinator of the TEMR project, which received the Bronze Prize in the “Reduction/Minimization Emissions” category 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

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

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)

Committee and Board Membership

High Level International and National Experts Committees and Boards

Member of the Sectoral Scientific Council on Environmental, Energy and Sustainable Mobility Sciences of the National Council for Research, Technology and Innovation, appointed by the Undersecretary of the Ministry of Development and Investment

Member of the Board of Directors of the Institute of History of Merchant Shipping

Member of the Advisory Board of the “Smart Transport and Supply Chain” Sector of the General Secretariat for Research and Technology of the Ministry of Development and Investments.

Member of the Coastal Shipping Council of the Sea Transportation Directorate, Hellenic Coast Guard, Ministry of Maritime Affairs and Insular Policy

Member of the International Committee of Experts assessing at the Strategic Level Research in Aeronautics, Space and Transport conducted in Germany, at the invitation of Helmholtz Senate, Helmholtz Association of German Research Centers

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

Member of the Advisory Board for the study on hydrogen in ports and industrial coastal areas, of the Clean Hydrogen Partnership

Member of the Scientific Committee of STEERER (Structuring Towards Zero Emission Waterborne Transport) Strategic Research and Innovation Action coordinated by the Waterborne Technology Platform.

Member of the Advisory Group of Stakeholders of CACHE 22 (Clean Air Clean Harbour Energy for 2022) project which develops clean air and clean energy services for ports and harbours for the European Space Agency (ESA) Ports of the Future Initiative.

Member of the Eno Transportation Foundation Board of Regents (2001 – 2019)

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

National Participant at the 2nd “UfM Stakeholders Conference on Blue Economy” upon recommendation of the Ministry of Maritime Affairs and Insular Policy (Contribution to the Implementation of the UfM Ministerial Declaration on Blue Economy).

Member of the European hydrogen ports network and Advisory Board on the study on hydrogen in ports and industrial coastal areas – Clean Hydrogen Partnership, Deloitte and TNO (2022 – to present)

International Scientific and Technical Committees

Member, International Scientific Committee, The 9th World Sustainability Forum, 13 – 15/09/2021, Online

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)

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

Member, 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)

Member, 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 (2009 – to date)

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

National Scientific and Technical Committees

Member of the Scientific Committee of the 9th World Sustainability Forum (WSF) 2021. Virtual event, 13 – 15 September, 2021.

Member of the Scientific Committee of the International Conference on Transport Research (ICTR), 2019, Athens, Greece

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

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

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

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

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)

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)

Member of the Expert Group advising the Mayor of New York on sustainable development issues, related to freight movement in the region (2007)

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 Steering Committee for the development of the ITS/CVO Strategic Plan (ITS in Freight Transport) for the State of Pennsylvania (1998 – 1999)

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 Board – Sustainability (2020 – to date)

Member of the Editorial Board – Maritime Economics and Logistics (2019 – to date)

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, 2019

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:

Chair of the Evaluation Panel of Proposals submitted to the Research-Development-Innovation Program, 2nd Round, Axis I

Member of the Evaluation Panel of Proposals submitted to the Research-Development-Innovation Program, 1st Round, Axis II

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:

ESPON 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.

Course and Curriculum Development

Graduate Courses Developed / Taught

Port and Terminal Management (University of Piraeus)

Management of Port and Terminal Operations (University of Piraeus)

Ports and Intermodal Transport Systems (University of Piraeus)

Urban Goods Movement (Rutgers University)

Freight Terminals and Distribution Facilities (Rutgers University)

Transportation Systems Analysis (Rutgers University)

Freight Transportation (Rutgers University)

Environmental Management of Maritime Infrastructure (Rutgers University)

Maritime Transportation (Rutgers University)

Port Planning, Management and Operations (Rutgers University)

Security and Safety in Maritime Transportation and Port Operations (Rutgers University)

Graduate Courses – co-Instructor

Organization and Management of Freight Transport Systems, Interdepartmental Postgraduate Program “Design, Organization, and Systems Management of Transport” Aristotle University of Thessaloniki

Organization and Management of Port Land Area, Interdepartmental Program of Postgraduate Studies “Science and Technology of Water Resources” National Technical University of Athens

Port Management and Administration, Interdepartmental Program of Postgraduate Studies “Science and Technology of Water Resources” National Technical University of Athens

Organization and Management of Port Land Area, Postgraduate Program “Organization, Operation, Development and Management of Ports” University of West Attica

Traffic Operations and Management, Postgraduate Program in Transportation-Civil Engineering, Rutgers University

Undergraduate Courses Developed and Taught

Policy and Management of Ports and Inland Terminals (University of Piraeus)

Terminal Operators (University of Piraeus)

Ports and Spatial Planning (University of Piraeus)

Ports and Intermodal Transport (University of Piraeus)

Analytical Methods-Applications to Ports and Maritime Transport (University of Piraeus, Lafayette College)

Introduction to Transportation Engineering (Rutgers University)

Introduction to Transportation Planning (Rutgers University, Lafayette College)

Introduction to Transportation Systems (Rutgers University, Lafayette College)

Mass Transit Systems (Rutgers University, Lafayette College)

Undergraduate Courses – co-Instructor

Port Planning (University of Piraeus)

Introduction to Transportation Planning (Rutgers University)

Engineering Professionalism and Ethics (Lafayette College)

Urban Transportation Systems Engineering (New Jersey Institute of Technology)

Travel Demand Forecasting (New Jersey Institute of Technology)

Student Research Supervision and Doctoral Committees:

Doctoral Dissertation Advisor

Konstantia Karagouni “Green Ports”

Aggelos Aggelakakis “Port Resilience”

Vasiliki-Maria Perra “Maritime Spatial Planning and Shipping”

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

Sofia Tsioupli “Environmental Port Management” (National Technical University of Athens) - 2021

Orfeas Karountzos: “Greek Islands and agricultural logistics management – prospects of a new agrologistics hub” (Univeristy of Piraeus)

Spyridoula Kantere: “Transshipment Hubs – Prospects for the Greek Ports” (University of Piraeus)

George Visvardis: “Green Ports: the case of Greek Ports” (University of Piraeus)

Eleni Asteriou: “Automation in container terminals” (National Technical University of Athens)

Alexander Kotsoglou: “Inland port development – best practices and applicability in Greek ports” (National Technical University of Athens)

Maria Kazazi: “The New Silk Road –Development Strategies in the Mediterranean” (National Technical University of Athens)

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 ten (14) Doctoral Dissertation Committees (Vasiliki Parashou, Stylianos-Miltiadis Liakos, Nikoleta Eleftheriadou, Marilena Sanida, 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 seventeen (21) M.S. Thesis Committees (Vaia Lambrou, Konstantia Karagouni, Evangelia Antoniou, Aristotelis-Nikolaos Papadopolis-Detzortzis, 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 2306 citations in Google Scholar (Boile, public profile, accessed January 2022) h-index 27 and i10-index 55.

Refereed Journal Publications (Published)

1. Sdoukopoulos E., Boile M., (2021) “Strengthening the Collaborative Environment in Port-Hinterland Corridor Management Initiatives: A Value System Approach” Sustainability 13 (16), 9212.
2. Spyrou, E. D., Anagnostopoulou, A., Aggelakakis, A., Tromaras, A., & Boile, M. (2020). Internet Service of Vehicle Fleet Routing with Tabu Search and OSRM. In 2020 7th International Conference on Control, Decision and Information Technologies (CoDIT) (pp. 172-176). IEEE
3. Sdoukopoulos E., Boile M. (2020) “Port-hinterland concept evolution: A critical review”, Journal of Transport Geography, Vol. 86, Issue C. <https://doi.org/10.1016/j.jtrangeo.2020.102775>
4. 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, (AISC, vol 879). Springer
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. Sdoukopoulos E., Boile M., Tromaras A., Anastasiadis N. (2019) Energy Efficiency in European ports: State-of-practice and insights on the way forward. Sustainability. Volume 11, Issue 18, 4952.

8. Anagnostopoulou A., Papargyri E., Boile M. (2019) Innovative Scheme for Efficient Freight Movement and Sustainable Emissions Management. *Transport and Telecommunication Journal*. Vol. 20 Issue 3 pp 242-250.
9. 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>
10. 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
11. 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.
12. 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.
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14. 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.
15. 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.
16. 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.
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19. *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)
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44. Boile, M., Theofanis, S., Baveja A. and Mittal N. (2008) “Regional Repositioning of Empty Containers: A Case for Inland Depots” *Transportation Research Record: Journal of the Transportation Research Board*. Volume 2066 / 2008, pp. 31-40 (Impact Factor 0.556)
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49. Boile, M., Theofanis S. and Mikiki F., (2005) “Oil Spills in Maritime Transport: Call for Actions” *Journal of the Transportation Research Board*, No. 1909, pp. 100-107. (Impact Factor 0.556)
50. Boile M. and Golias M. (2004) “A Dynamic GIS-based Tool for Truck Volume Estimation” *ITE Journal*, Vol. 74(12),pp. 42-47. (Impact Factor 0.147)
51. Boile M.P., Narayanan, P., and Ozbay K. (2003) “Impact of Buses on Highway Infrastructure – A Case Study for the State of New Jersey” *Transportation Research Record*, No. 1841, pp. 32-40. (Impact Factor 0.556)

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53. Boile, M.P. (2001). “Evaluating the Efficiency of Transportation Services on Intermodal Commuter Networks” *Transportation Quarterly*. Vol. 56, No.1, Winter 2002.
54. Profillidis V.A. and Boile M.P. (2001). “Evolutions et Restructurations au Transport de Frêt en Europe” *Transports*, no. 405, Janvier-Février.
55. 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)
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57. 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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59. 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)
60. Spasovic L. N., and Boile M. P. (1996) “A Methodological Framework for Modeling Traffic Assignment on Intermodal Auto-Rail Commuter Networks.” *Applications of Management Science: Engineering Applications*, Vol. 9.
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Refereed Conference Proceedings

1. Aggelos Aggelakakis, Afroditi Anagnostopoulou, Evangelos Spyrou, Konstantia Karagkouni, Georgios Skodras and Maria Boile Challenges and practices for public transport in the city of Thessaloniki during the COVID-19 pandemic period. 10th International Congress on Transportation Research, Rhodes, 2-3 September 2021
2. Sdoukopoulos E., Boile M. (2020) “Hinterland corridor management initiatives in the EU and the US: the role of ports”, 5th International Conference on Maritime Technology and Engineering, 16-19 November, Lisbon, Portugal.

3. Sdoukopoulos E., Tsafonias G., Boile M., Kraskovic C. & Guty R. (2020) “Supporting Maritime Innovation Ecosystems in the Mediterranean Region”, 4th SmartBlueCity Euro-Mediterranean Conference, 9-10 October, Athens, Greece.
4. Akac A., Anagnostopoulou A., Boile M. Evaluation of current European open science initiatives in transport research' 8th Transport Research Arena TRA2020 Helsinki
Ελσίνκι, Φιλανδία, 27-30 Απριλίου
5. Anagnostopoulou, A., Spyrou, E., Boile, M., & Mitrakos, D. (2020) An IoT approach for optimizing routing and safety, In the proceedings of the 1st International Workshop on IoT infrastructures for safety in pervasive environments, 2 June, Virtual due to COVID-19.
6. Anagnostopoulou A., Boile M. (CERTH/HIT), Pistilli G., Cartolano F., Fioretto M.(FIT), Palts K.(DLR) Use cases towards future Open Science model for air transport, 10th European Aeronautics Science Network (EASN) Virtual Conference on “Innovation in Aviation & Space to the Satisfaction of the European Citizens” Ψηφιακό Συνέδριο 4 Σεπτεμβρίου
7. Spyrou E., Anagnostopoulou A., Aggelakakis A., Tromaras A., Boile M., Internet Service of Vehicle Fleet Routing Problem with Tabu Search and OSRM, 7th International Conference on Control, Decision and Information Technologies (IEEE CODIT 2020), Prague, Czech Republic, 29 June – 2 July (Virtual Conference)
8. Sdoukopoulos E., Perra V.M., Boile M., Efthymiou L., Dekoulou E., Orphanidou Y. (2020) Connecting Cruise Lines with Local Supply Chains for Enhancing Customer Experience: A Platform Application in Greece. 5th Conference on Sustainable Urban Mobility (CSUM 2020), Greece, 17 - 19 June pp 1086-1096 (Virtual Conference)
9. Anagnostopoulou A., Spyrou E., Aggelakakis A., Boile M., Planning the Future: Innovative Technology for City Logistics, 5th Conference on Sustainable Urban Mobility (CSUM 2020), Greece, 17 - 19 June (Virtual Conference)
10. Boile M., Theofanis S. (2020) “Large-Scale Freight Facility Development to Support Port-Related Logistics Activity in Urban Areas” IV International Scientific Conference Regional Development and Cross-Border Cooperation. Pirot, January 2021
11. *Sdoukopoulos E., Perra V.M., Tsafonias G., Boile M., Fraga Lago L. (2019) “Boosting offshore renewable energy in Europe: Skills shortages and gaps in education and training”, International Maritime Association of the Mediterranean Annual Congress, 9-11 September, Varna, Bulgaria
12. *Sdoukopoulos E., Tsafonias G., Perra V.M., Boile M., Fraga Lago L. (2019) “Identifying skill shortages and education and training gaps for the shipbuilding industry in Europe”, International Maritime Association of the Mediterranean Annual Congress, 9-11 September, Varna, Bulgaria
13. 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.
14. 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.

15. 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.
16. 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.
17. 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.
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19. 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.
20. 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.
21. Tromaras A., Sdoukopoulos E., Aggelakakis A., Tsafonias G., Perra V.M., Mavropoulou E., Boile M. (2019) “Future technology directions in EU maritime transport”, International Association of Maritime Economists (IAME) Annual Conference 2019, 25-28 June, Athens, Greece.
22. Anagnostopoulou A., Boile M., Papargyri E., Poulou M. (2017) An Advanced Solutions Approach for Energy Efficient Garbage Collection Service. Transportation Research Procedia, Elsevier. Pp 362-369
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27. Boile M., Theofanis S. (2016) “Large-scale facility development to support logistics activity in urban areas” 14th World Conference on Transport Research. Shanghai, China. 10-15 July 2016.
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34. 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.
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24. Theofanis S., Boile M. (2015) “The Maritime Silk Road Initiative and the Mediterranean: Strategies, Tactics and Challenges”. Shipping. May 2015. Pp. 20-22.

25. Theofanis S., Boile M. (2014) “The use of LNG in seaside and landside operations: Challenges and prospects”. *Shipping*. June 2014. Pp 48-49.
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27. Theofanis S., Boile M. (2013) “The effect of the Economic Adjustment Programmes (EAP) on the Port Restructuring Policies of the Southern European Countries – A Preliminary Overview” *Shipping*. November 2013. Pp 22-23
28. Μποϊλέ Μ., Θεοφάνης Σ. (2012) “Η Χρήση του Υγροποιημένου Φυσικού Αερίου στις Ναυτιλιακές Μεταφορές και τις Λιμενικές Δραστηριότητες” *Supply Chain*
29. Μποϊλέ Μ., (2011) «Η πρόσφατη «απελευθέρωση» των εμπορευματικών Μεταφορών στη χώρα μας κάνει πιο άμεση την ανάγκη για ένα Εθνικό Παρατηρητήριο Μεταφορών» *Supply Chain*, February 2011
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31. Μποϊλέ Μ., (2011) «Διακίνηση και Διανομή Φορτίων σε Πόλεις-Λιμάνια: Ένα Παγκόσμιο Πρόβλημα που απαιτεί «Τοπικές» Λύσεις» *Supply Chain*, May 2011
32. Μποϊλέ Μ., (2011) «Μορφές Συνεργασίας στην Αγορά Εμπορευματικών Μεταφορών και Εφοδιαστικής –Διεθνές Περιβάλλον» *Supply Chain*, November 2011
33. Μποϊλέ Μ., (2011) «Νέες Τάσεις και Προοπτικές Συνεργασιών στην Αγορά Εμπορευματικών Μεταφορών και Εφοδιαστικής στην Ελλάδα – Ένα ακόμα όπλο για την αντιμετώπιση της οικονομικής κρίσης» *Supply Chain*, November 2011
34. Boile, M. (2006) “Empty Marine Container Management – Global trends and Challenges” *Shipping*, No 418, Vol. 264
35. Gaspard J.G. and Boile M.P. (2001) “A New Intermodal Transportation Paradigm” in *Writing the Wrongs*, a volume on current transportation issues, presented to the honorable Norman Mineta, Secretary, U.S. Department of Transportation, by the Women in Transportation Seminar.

Books and Monographs

International Trade and Transportation Infrastructure Development – Infrastructure Development in North America and Europe. Co-authors: Juan Carlos Villa, Maria Boile, Sotiris Theofanis. Paperback ISBN: 9780128157411 Imprint: Elsevier (2020) Page Count: 304

Consolidation of Technical, Safety and Human Resources in Eurasian Railway Transport Corridors. Co-authors: G. Bureika, Ch. Pyrgidis, A. Kortsari, N. Ivanova, T. Titova, S. Tsykhmistro. eISBN 978-609-457-978-3. Doi: 10.20334/2375-M. VGTU Press TECHNIKA book No 2375-M. 2016.

Delivering the Goods – Recommendations for Funding a Federal Freight Program. Freight Working Group, Eno Center for Transportation. May 2016 (Maria Boile, Member of the Freight Working Group)

Europe-Asia Railway Transport: Issues and Prospects. Project NEAR2. Co-authors: Maria Boile, Annie Kortsari. November 2014. Editing Services: Brands Communication. ISBN: 978-618-80673-3-2

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.

Book Chapters

Efthymiou L., Dekoulou P., Orphanidou Y., Sdoukopoulos E., Perra V., Boile M., Bras I. (2022) Crisis, Adaptation and Sustainability: Digital System Interoperability in the Cruise Industry in Vrontis, Thrassou, Weber, Shams, Tsoukatos, Efthymiou (Eds) Business Under Crisis, Volume III Avenues for Innovation, Entrepreneurship and Sustainability. Palgrave Macmillan. ISBN 978-3-030-76582-8. <https://doi.org/10.1007/978-3-030-76583-5>

Sdoukopoulos E., and Boile M. (2021) Hinterland corridor management initiatives in the EU and the US: The role of ports. In Developments in Maritime Technology and Engineering, 1st Edition. CRC Press.

Anagnostopoulou, A., & Boile, M. (2021) Stakeholder consultation in freight transportation decision making in emerging-country port-cities, in Kourouniotti, I., Tavasszy, L., and Friedrich, H. (Eds.) Freight transport modeling for emerging countries, Elsevier, Vol. 1

Anagnostopoulou A., Spyrou E., Aggelakakis A., Boile M. (2021). Planning the Future: Innovative Technology for City Logistics. In: Nathanail E.G., Adamos G., Karakikes I. (eds) Advances in Mobility-as-a-Service Systems. CSUM 2020. Advances in Intelligent Systems and Computing, vol 1278. Springer, Cham. https://doi.org/10.1007/978-3-030-61075-3_82

Sdoukopoulos E., Perra V.M., Boile M., Efthymiou L., Dekoulou E., Orphanidou Y. (2020) “Connecting cruise lines with local supply chains for enhancing customer experience: a platform application in Greece”, In Nathanail E.G., Adamos G. & Karakikes I. (Eds.), Advances in Mobility-as-a-Service Systems, CSUM2020, pp. 1086-1096. Part of the Advances in Intelligent Systems and Computing Book Series, Vol. 1278. Cham: Springer. https://doi.org/10.1007/978-3-030-61075-3_104

Anagnostopoulou, A., & Boile, M. (2019) 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.

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_

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: Goulas 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. Goulas 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

Team Member	‘Provision of Consultancy Services for the Development of a 25 Year National Ports Master Plan in Nigeria’ Nigerian Ports Authority (NPA) Dec. 2021 – May 2023 (with ENVIPLAN/ROGAN/PLANET)
Team Member	“Reform of the Regional Ports Governance System in Greece” Ministry of Shipping and Island Policy. REFORM/SC2021/103 European Commission, Directorate-General for Structural Reform Support (DG REFORM) (with Deloitte Port Advisory Services) 2021-2022.
Project Partner	‘New Sustainable Fuel Deployment Scenarios for the European Waterborne Community, Pathways to a Successful Waterborne Energy Transition - NEEDS’ HORIZON EUROPE. Budget: 523,437.00 euro April 2022-October 2023
Project Manager	‘Study of Coastal and Maritime Transportation System Reform’. Budget: 150,00.00 euro in the framework of integrated Act of Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 "Upgrading and Modernization of Operations of the Ministry of Maritime affairs and Insular policy".
Project Manager	‘OPTimization of Life Cycle in the SHIPping industry- OptiShip’ State Aid Action "RESEARCH - CREATE - INNOVATE", funded by the Operational Programme Competitiveness, Entrepreneurship and Innovation Budget: 501,085.42 euro April 2022-October 2023
Project Manager	‘Study on the Capacity for Greening of European Sea Ports’ MOVE-OP-2020-000017-MOVE/D3/FV2020-779 call for tenders – contract signature pending
Project Partner	‘Blue Growth Smart Adriatic Ionian S3 – BLUEAIR’ Interreg V-B Adriatic-Ionian ADRION Programme 2014-2020. 2020-2022
Project Partner	‘Maritime Logistics Engineering and Management – MarLEM. EMFF, Budget: 812000 euro. October 2019 – September 2022
Project Manager	‘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: 38.700 euro July 2019
Project Partner	‘SAFEMODE’ H2020 Budget: 1.6M euro January 2019-May 2022
Project Partner	‘Cluster Act’. EMFF, Budget: 735.000 euro January 2019-December 2021
Project Partner	‘AW DRONES’ H2020. Budget: 2.6M euro 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	“Identify 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 (2021) «Κυκλική Γαλάζια Οικονομία – Πράσινη και Βιώσιμη Εφοδιαστική Αλυσίδα» Circular Economy – Knowing Circular Economy in Black Sea Basin, ΣΕΒΕ, Θεσσαλονίκη, Δεκέμβριος 2021
2. Boile (2021) “Modal shift in national/international journeys from road to rail and waterborne, for passenger transport” 5th MORE (Multimodal Optimization of Roadspace in Europe) TEN-T Network Workshop, organized by POLIS, 13 December (on line)

3. Boile M., Theofanis S. (2021) “Port Sustainability – Formulating Chaining Strategies of Good Practices” Green Port Cruise Congress, October 2021, Piraeus
4. Boile (2021) « Η Ναυτιλία των Ελλήνων» υπό το συντονισμό του Προέδρου του Ναυτικού Επιμελητηρίου Ελλάδος Δρ. Γ. Πατέρα, Υπουργείο Ναυτιλίας και Νησιωτικής Πολιτικής, Διεθνής Έκθεση Θεσσαλονίκης
5. Boile (2021) «Εκπαίδευση – Κατάρτιση και Δεξιότητες σε επαγγέλματα της Θαλάσσιας Οικονομίας» υπό το συντονισμό του ΓΓ Αιγαίου και Νησιωτικής Πολιτικής κ. Μ. Κουτουλάκη, Υπουργείο Ναυτιλίας και Νησιωτικής Πολιτικής, Διεθνής Έκθεση Θεσσαλονίκης
6. Boile (2021) «Συζήτηση για την Ελληνική Υψηλή Στρατηγική: Η Διάσταση της Ναυτιλίας – Συνέντευξη με τον Πρόεδρο της Ένωσης Ελλήνων Εφοπλιστών Θ. Βενιάμη» 8 Ιουλίου 2021, Διαδικτυακά
7. Boile (2021) “Η σημασία της Εφοδιαστικής Αλυσίδας στην περαιτέρω ανάπτυξη του Αγροδιατροφικού κλάδου στην Ελλάδα» Νέα Γεωργία Νέα Γενιά, 7 Ιουνίου 2021, Διαδικτυακά
8. Theofanis and Boile (2020) A Seminar on Port Logistics – CAIT Seminar Series. October 20, 2020
9. Sdoukopoulos E., Boile M. (2020) “Enhancing energy management and efficiency in ports: A review of key policies, technologies and operational solutions”, Meeting of the TRB Standing Committee on “Ports and Channels” (AW010), January 15th, Washington D.C., U.S.A
10. Boile (2019) Σύγχρονες τάσεις στη ναυτιλία – η επιρροή τους στις έξυπνες πόλεις και τα ευφυή λιμάνια. Export Summit VII – Fostering Maritime Economy. Θεσσαλονίκη, 13 Ιουνίου 2019.
11. Boile (2019) The 4th Industrial Revolution in Balkans - Impact on Transportation Infrastructure.
12. The 4th Industrial Revolution in Balkans: Law & Tech Summit. Thessaloniki, 17th May 2019. Boile (2019) “EU Policy Priorities, the Vision and the Opportunities for Education and Vocational Training” Maritime Economic Forum, Thessaloniki, 5 April 2019
13. 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.
14. 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.
15. 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.
16. 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
17. 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.

18. 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.
19. 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.
20. 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.
21. Boile (2016) “Energy Efficiency in Freight Transport” Energy Efficiency Conference. Athens, Greece, 9 June 2016.
22. 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
23. 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.
24. 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.
25. Boile M., (2014) Enhancing Airport Environmental Co-Modality, Green Mobility Conference, Hamburg, Germany, 24 November 2014
26. “Κατευθύνσεις & Εξελίξεις στην Έρευνα των Ναυτιλιακών Μεταφορών στην Ευρώπη” Ελληνικό Ινστιτούτο Ναυτικής Τεχνολογίας. Μάρτιος 2014
27. “Challenges and Opportunities in Dry Ports, Freight Villages, and Freight Facilities Development – Lessons from High Income Countries” World Bank. January 15, 2014.
28. “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
29. “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.
30. Boile M., (2014) “Sustainable Port Cities” Panel Discussant. Sustainable Logistics Conference. The Hague, The Netherlands 6th February 2014
31. “Transport Innovation Deployment for Europe” TIDE CBA Workshop, Invited Participation. 25-26 April, 2013.
32. “Developing the Logistics Sector – Training and Certification” World Bank Workshop. Athens, 31 November, 2014.
33. “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.
34. “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.
35. “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.

36. "Maritime Security – Safeguarding ports from organized crime, Securing mass passenger vessels". EXPOSEC- 10th Homeland, Corporate Security and Defense Conference and Expo. Athens, April 2011
37. "Actions of the Hellenic Institute of Transport on Road Safety" ETRC – PRAISE Country Seminar, Greece. Athens, March 2011.
38. "Sustainable Urban Mobility – The Case of Piraeus and the Islands" Prefecture of Piraeus. Piraeus, Greece. March, 2011.
39. "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.
40. "Maritime Transport Research: Setting the Priorities to Improve System Efficiency" DevelopMed Roundtable - Mediterranean Ports: Present and Future Challenges. Athens, December 2009
41. "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.
42. "Freight Village Developments in Europe: Advanced and Challenges Ahead" ACSP-AESOP 2008 Joint Congress, July 8, 2008, Chicago, IL
43. *Simulating Seamlessness: A Preview of Rutgers Powerful New Modeling Tool for Improving Port Throughput Planning*. TransAction, Atlantic City, New Jersey, Απρίλιος 2008.
44. "US Experience" Plenary Session at: Co-Modality; An Intermodal Key to Sustain Green Logistics. Valencia, March 6-7, 2008.
45. "Partnership for Maximizing Port Industry Performance" National Science Foundation Partnerships for Innovation Workshop, March-April 2008.
46. "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
47. "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
48. "Evaluating Strategies to Improve Truck Operations in the Port Region" Port Authority of New York and New Jersey. New York, NY. May, 2007
49. "Port Congestion and the Impact of Pricing Policies" Προσκεκλημένη ομιλήτρια στην Αρχή Λιμένων Νέας Υόρκης – Νέας Υερσέης (PANYNJ) November 2007
50. "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
51. "Overview of the PANYNJ Planning and Capital Investment Program" NJ Common Grounds Alliance Planning Meeting. 10 March 2007.
52. "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

53. "A Multi-Objective Formulation of the Berth Allocation Problem" Institute for Operations Research and Management Science (INFORMS) Seattle, Washington, 4-7 November 2007
54. "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.
55. "Seaside Container Terminal Operations" Graduate Seminar Series, University of Washington. May 11, 2007. Seattle, Washington, US.
56. "Our Port in the Global Economy" United Nations Association. June 1, 2006. Newark, New Jersey, US.
57. "Intermodal Network Modeling – Freight and Maritime Systems Analysis" Graduate Seminar Series, Center for Supply Chain Management, Rutgers University. April, 2006. Newark, New Jersey, US.
58. «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.
59. "An Overview of Global Container Repositioning Issues" Keynote Presentation at the 3rd Container Owners Association (COA) Members Meeting, June 23, 2006. Antwerp, Belgium.
60. "Empty Marine Container management in a Port Megacity Region" North Jersey Transportation Planning Authority, November 9, 2005. Newark, New Jersey, US
61. "Empty Marine Container management in a Port Megacity Region, New York Metropolitan Transportation Council, October 19, 2005. New York, New York, US
62. "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
63. "Truck Accident modeling" Metropolitan Section--New York and New Jersey of the Institute of Transportation Engineers (ITE), November 2004, New Brunswick, New Jersey, US
64. "The Role of Shipping in Multimodal Transportation: Building the Future" Panel Participant at the Med Ports 2002. April 23, 2002. Athens, Greece
65. "The New Intermodal Expediter and Its Potential to Reduce Transit Operating Subsidies" American Public Transit Association Bus and Paratransit. May 5-9, 2002. Minneapolis, Minnesota, US
66. "Multi-modal: Bus and Intermodal Transportation" Operation Stimulus Conference – Collaborative Transportation for Supply Chain Management Success. January 31 - February 2, 2002. Denver, Colorado, US
67. "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
68. "Freight Modeling" New York Metropolitan Transportation Council (NYMTC) Freight Transportation Working Group, April 25, 2001. New York, New York, US
69. "Intermodal Transportation" American Society of Civil Engineers Lehigh Valley Section meeting, September 21, 2001. Walnutport, Pennsylvania, US.
70. 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. Theofanis S., Boile M., Naniopoulos A., Palantzas G. (2021) “The Impact of COVID-19 on Liner Shipping, Ports and Freight Logistics: An Integrated Assessment” V International Scientific Conference, Regional Development and Cross-Border Cooperation. Pirot, Republic of Serbia.
2. Orfanidou Y., Efthymiou L., Dekoulou P., Sdoukopoulos E., Boile M., Perra V. (2021) “Sustainable Restart of the Cruise Industry Includes Local Producers in the Supply Chain” TOURMAN 2021 4th International Scientific Conference “Restarting tourism, travel and hospitality: The day after”. International Hellenic University, 21-23 May 2021, online
3. 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.
4. 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.
5. 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.
6. 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.
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, 7th Transport Research Arena (TRA), 16th - 19th April, Vienna, Austria.
8. 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.
9. 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.
10. 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.
11. 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
12. 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.
13. Boile M., Anagnostopoulou A. (2016) “Transnational policy framework – Guidelines for energy-efficient cities” POLIS Conference. Rotterdam, The Netherlands. 1-2 December 2016 (forthcoming).
14. Anagnostopoulou A., Boile M. (2016) “Big Data in freight movement and emissions management” NECTAR workshop. Seville, Spain. 10-11 March, 2016.

15. 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.
16. 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.
17. 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.
18. Αναγνωστοπούλου Α., Ρεπούσης Π., Ταραντίλης Χ., Μποϊλέ 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
19. 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.
20. Μαργαρίτης Δ., Μποϊλέ 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
21. Μποϊλέ 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
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. Boile M., (2014) Διαχείριση της Κίνησης μέσω Λιμενικών Εγκαταστάσεων με στόχο τη Μείωση της Ρύπανσης. 6ο Πανελλήνιο Συνέδριο Λιμενικών Έργων. Αθήνα 11 Νοεμβρίου 2013

29. 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.
30. 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.
31. 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
32. 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.
33. 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.
34. 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
35. Boile, M. (2012) “Assessing Environmental and Health Implications from Port Drayage Activity“ Proceedings of the 19th International Transport and Air Pollution Conference, Thessaloniki, Greece
36. Boile, M., L. Sdoukopoulos (2011) “Supply Chain Security – The SMART CM Project Solutions” Global Supply Chain Security Conference, London, July 2011.
37. 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.
38. 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
39. 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
 45. 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.
 46. 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.
 47. Boile, M. (2009) “Δράσεις του IMET για την προαγωγή της Οδικής Ασφάλειας” 4^o Πανελλήνιο Συνέδριο Οδικής Ασφάλειας, November 5-6, Athens, Greece
 48. Boile, M. (2009) “Η Χωροθέτηση – Ανάπτυξη Κέντρων Εμπορευματικών Μεταφορών στην Ελλάδα” 13^o Πανελλήνιο Συνέδριο Logistics, November 13-14, Athens, Greece
 49. 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.
 50. 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.
 51. 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
 52. 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
 53. 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.
 54. 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
 55. 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.
 56. 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.
 57. Boile M., Moini N., Theofanis S. (2009) “Evaluating the Determinants of Container Dwell Time” 50th Annual Transportation Research Forum. March 15-18. Portland, Oregon.
 58. Boile M. (2009) “Revisiting Transit Asset Management: Tackling Critical Issues and System Planning” 50th Annual Transportation Research Forum. March 15-18. Portland, Oregon.

59. 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.
60. Golias M., Boile M., Theofanis S. *A 2-opt based heuristic for the machine scheduling problem*. INFORMS 2008 Washington, DC.
61. Boile M., Theofanis S., Golias M., Zhang T. *Truck Scheduling at Crossdocking Terminals*. INFORMS 2008 Washington, DC.
62. 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.
63. 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.
64. 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.
65. 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.
66. 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.
67. 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.
68. 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.
69. 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.
70. 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.
71. 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.
72. 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.
73. 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.

74. 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.
75. 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.
76. 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
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78. 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.
79. 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.
80. 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
81. 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.
82. 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
83. 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
84. 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
85. 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
86. 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.
87. 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.

88. Boilé M., Theofanis S., Golias M. “A Multi-objective Formulation for the Berth Allocation Problem”, INFORMS Annual Meeting 5-8 Νοεμβρίου 2007. Seattle, Washington
89. Golias M., Theofanis S., Boilé M. “Berth and Quay Crane Scheduling: A Multi-objective Formulation” INFORMS Annual Meeting 5-8 Νοεμβρίου 2007. Seattle, Washington.
90. Theofanis S., Boile M. “Estimating Empty Container Trip Reduction from a Virtual Container Yard Operation” INFORMS Annual Meeting 5-8 Νοεμβρίου 2007. Seattle, Washington.
91. Janakiraman, Boile, Theofanis “Addressing a Global Transshipment Hub Location Routing Problem by Using a Multi-Stage Model Formulation Approach”, IAME 2007, Athens.
92. Theofanis, Boile, Janakiraman, Naniopoulos “Reducing unproductive empty container movements around marine container terminals: the role of a Virtual Container Yard”, IAME 2007, Athens
93. 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
94. 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
95. 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
96. 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
97. 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
98. 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.
99. 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.
100. 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.
101. 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.
102. 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.
103. 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.
 104. 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
 105. 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
 106. 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
 107. Janakiraman, S., Theofanis, S., Boile, M., Naniopoulos, A. (2007) "Virtual Container Yard: A Simulation-Based Feasibility Perspective", 86th TRB Annual Meeting, Washington D.C.
 108. 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.
 109. 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.
 110. 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.
 111. 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.
 112. 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.
 113. 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.
 114. Boile, M. (2006) "The Impact of Heavy Vehicles on Freeway Maintenance Cost" 1st International Symposium on Freeway & Tollway Operations. Αθήνα, June 4-7.
 115. Boile, M., Theofanis S. and Baveja A. (2006) "Stakeholder Collaboration in Maximizing Port Industry Performance – A Conceptual Approach" 47th Annual Forum of the Transportation Research Forum, New York, NY.
 116. Theofanis, S., Boile M., Palantzas G., Wooldridge C., and Naniopoulos A. (2006) "Applying Environmental Management Systems in European Ports: Application of Port-Environmental Review System in Ports of Piraeus and Thessaloniki" 85th Annual Meeting of the Transportation Research Board, January 23-26, Washington, DC

117. Boile, M., Theofanis S., Golias M. and Mittal N. (2006) “Empty Marine Container Management: Addressing Locally a Global Problem” 85th Annual Meeting of the Transportation Research Board, January 23-26, Washington, DC
118. Jafari, M., Cheng, Y., Theofanis, S., Boile, M., Maher, A. (2005) “A Dynamic Berth Allocation Planning Model” International Mediterranean Modeling Multiconference, The International Workshop on Harbour, Maritime and Multimodal Logistics Modeling and Simulation. 20-22 Οκτωβρίου. Marseille, France.
119. Boile M., and Golias M., (2005) “Statistical Truck Demand Modeling with ArcInfo 9.0” 2005 ESRI International User Conference, San Diego, California, Ιούλιος 2005
120. Boile, M. and Theofanis S., (2005) “Public – Private Partnerships in the Port Sector: The Case of Stock Listing of Operating Port Entities” 46th Annual Forum of the Transportation Research Forum, 6-8 Μαρτίου, Washington, DC
121. Boile, M. and Golias M., (2005) “Freight Demand Statistical Modeling: A Classification and Review” 46th Annual Forum of the Transportation Research Forum, 6-8 Μαρτίου, Washington, DC
122. Boile, M., Theofanis S. and Mikiki F., (2005) “Oil Spills in Maritime Transport: Call for Actions” 84th Annual Meeting of the Transportation Research Board, 9-13 Ιανουαρίου, Washington, DC
123. Peric, K., Boile M. and Mouskos K. (2005) “Adding Intermodal Capabilities in Transportation Planning Applications” 84th Annual Meeting of the Transportation Research Board, 9-13 Ιανουαρίου, Washington, DC.
124. Mittal, N., Golias M., Boile M., Spasovic L., Ozbay K. (2005) “Estimation of Truck Volumes – A Statistical Approach” 84th Annual Meeting of the Transportation Research Board, 9-13 Ιανουαρίου, Washington, DC.
125. Ozbay, K., Chen J., Boile M. (2004) “Simulation Based Evaluation of Improved SCOOT and SCATS Adaptive Signal Control Algorithms” XIII Panamerican Conference of Traffic and Transportation Engineering. 26-29 Σεπτεμβρίου, Albany, New York.
126. Boile, M., Theofanis, S. (2004) “The Role of Liner Shipping within an Intermodal System – The Port Community Case” The Transport Science and Technology Congress. 1-5 Σεπτεμβρίου, Athens, Greece
127. Theofanis, S., Hatzakos S., Boile M. (2004) “Infrastructure Development and Management to Support the Floating Accommodation Program of the Athens 2004 Olympic Games – Prospects and Challenges” The Transport Science and Technology Congress. 1-5 Σεπτεμβρίου, Athens, Greece
128. Boile M., Mikiki F. (2004) “Environmental Impact of Maritime Transport: Call for Actions” 10th World Conference on Transport Research. 4-8 Ιουλίου, Istanbul, Turkey
129. Boile M.P., Theofanis S., and Mittal N. (2004) “Empty Intermodal Containers – A Global Issue” 2004 Transportation Research Forum Annual Forum. Northwestern University, Transportation Center, Evanston, Illinois, 21-23 Μαρτίου
130. Mittal N., Golias M., Boile M., Spasovic L.N. and Ozbay K. (2004) “Estimation of Truck Volumes and Flows using Classification Counts” 2004 Transportation Research Forum Annual Forum. Northwestern University, Transportation Center, Evanston, Illinois, 21-23 Μαρτίου
131. Boile M.P. (2003) “Analyzing Port Authority Investment Policies within the Framework of an Intermodal Transportation System” 2^o Διεθνές Συνέδριο με θέμα «Έρευνα στις Μεταφορές» 26-27 Φεβρουαρίου στην Αθήνα

132. Boile M.P. Morfoulaki M. και Mikiki F. (2003) “Develop a Training Programme to Improve Work Zone Safety” 2^ο Διεθνές Συνέδριο με θέμα «Έρευνα στις Μεταφορές» 26-27 Φεβρουαρίου στην Αθήνα
133. Boile M.P., Theofanis S., and Mittal N. (2003) “Empty Intermodal Containers – A Global Issue” ετήσιο συνέδριο του Transportation Research Forum, Άνοιξη του 2004 στο Northwestern University, Transportation Center, Evanston, Illinois
134. Mittal N., Golias M., Boile M., Spasovic L.N. and Ozbay K. (2003) “Estimation of Truck Volumes and Flows using Classification Counts” ετήσιο συνέδριο του Transportation Research Forum, Άνοιξη του 2004 στο Northwestern University, Transportation Center, Evanston, Illinois
135. Mouskos K., Boile M., and Peric K., (2003) “Technical Solutions to Overcrowded Park and Ride Facilities” poster presentation 5th Annual NJDOT Research Showcase, New Brunswick, NJ, Οκτώβριος 24.
136. Boile M., Mittal N., and Peric K. (2003) “Driving Simulator – A Virtual Reality Tool for Safety / Human Factors Studies” poster presentation 5th Annual NJDOT Research Showcase, New Brunswick, NJ, Οκτώβριος 24.
137. Boile M., Mittal N. (2003) “Empty Intermodal Container Management” poster presentation 5th Annual NJDOT Research Showcase, New Brunswick, NJ, Οκτώβριος 24.
138. Boile M.P., Golias M. (2003) “NY City Tunnels and the Path Exchange Cross Over” Προσκεκλημένη ομιλήτρια στο 10^ο Διεθνές Συνέδριο του Συλλόγου Μηχανικών της ΠΓΔΜ (MASE), Οχρίδα, 25-27 Σεπτεμβρίου
139. Boile M.P., Mittal N. and Neevska-Cvetanovska G. (2003) “Effect of Earthquakes on Transportation Facilities – Post Earthquake Traffic Management” 10^ο Διεθνές Συνέδριο του Συλλόγου Μηχανικών της ΠΓΔΜ (MASE), Οχρίδα, 25-27 Σεπτεμβρίου
140. Narayanan, P., Boile M.P. and Ozbay K. (2003) “The Impact of Buses on Highway Infrastructure – A Case Study for the State of New Jersey” 82nd Transportation Research Board ετήσιο συνέδριο. Washington D.C. Ιανουάριος 13-17.
141. Boile M.P. (2002) “The Role of Shipping in Multimodal Transportation: Building the Future” Panel participant at the Med Ports 2002. Αθήνα, Απρίλιος 23.
142. Narayanan P., Boile M., and Ozbay K. (2002) “Impact of Buses on Pavements” 45th Annual New Jersey Asphalt Pavement Συνέδριο, Iselin, NJ. Μάρτιος 11.
143. Boile M.P. and Wang Y. (2002) “Intermodal Freight Network Modeling” 1^ο Διεθνές Συνέδριο – Έρευνα στις Μεταφορές στην Ελλάδα. Αθήνα, Φεβρουάριος 21-22.
144. Boile M., Spasovic, L. and Wang, Y. (2002) “A Combined Shipper/Carrier Intermodal Network Model” paper #368. Society for Computational Economics. Computing in Economics and Finance. Νοέμβριος 2007. Marseille, France.
145. Sideris, A., Boile M.P. and Spasovic L. (2002) “Using On Line Information to Estimate Container Movements for Day-to-Day Marine Terminal Operations” 81st Transportation Research Board ετήσιο συνέδριο. Washington D.C. Ιανουάριος 13-17.
146. Theofanis, S. and Boile M.P. (2001) “Institutional Framework and Market Deregulation in the United States and Western Europe Port Industry – A Comparative Analysis” 43rd ετήσιο συνέδριο του Transportation Research Forum, Williamsburg, VA, Οκτώβριος 22-24.
147. Sideris, A., Spasovic L.N., and Boile M.P. (2001) “Development of a Logistics information Tool for Marine Terminal Operations” 43rd ετήσιο συνέδριο του Transportation Research Forum, Williamsburg, VA, Οκτώβριος 22-24.

148. Boile, M.P. (2001). "Intermodal Freight Modeling" NJDOT Research Day, Trenton, NJ, Οκτώβριος 12.
149. Rowinski, J., Boile M.P., Spasovic L.N. and Wang Y. (2001). "A Multi-Commodity, Multi-Class Generalized Cost User Equilibrium Assignment Model" 80^ο ετήσιο συνέδριο του Transportation Research Board, Washington, DC. Ιανουάριος 9-13
150. Boile, M.P. (2000). "Evaluating the Efficiency of Transportation Services on Intermodal Commuter Networks" 42^ο ετήσιο συνέδριο του Transportation Research Forum, Annapolis, MD, Νοέμβριος 28 - Δεκέμβριος 1.
151. Sideris, A., Boile M.P. and Spasovic L.N. (2000) "Operational Planning of Intermodal Marine Terminals" 42^ο ετήσιο συνέδριο του Transportation Research Forum, Annapolis, MD, Νοέμβριος 28 - Δεκέμβριος 1.
152. Boile, M.P. (2000). "Intermodal Transportation Network Analysis - A GIS Application" 10th Mediterranean Electrotechnical Conference, Κύπρος, Μάιος 29-31.
153. Boile, M.P., Berrier N., and Sivak S. (2000). Intermodal Network Analysis. INFORMS meeting, Salt Lake City, Utah, Μάιος 10.
154. Boile, M.P. and Birkhead W. (2000). Evaluating the Efficiency of Bus Transit Systems in the U.S.: An Application of Data Envelopment Analysis. 79^ο ετήσιο συνέδριο του Transportation Research Board, Washington, DC. Ιανουάριος 7-10
155. Boile, M.P. and Brodney J. (1999). Freight Forecasting using Geographic Information Systems. INFORMS meeting, Philadelphia, PA, Νοέμβριος 9.
156. Boile, M. P., and Haynes M. (1999) Intermediate-Term Planning for Intermodal Networks using Geographic Information Systems. INFORMS meeting, Philadelphia, PA, Νοέμβριος 8.
157. Boile, M.P. and Brodney J. (1999). Analysis of Commodity Flows at a County Level. 41^ο ετήσιο συνέδριο του Transportation Research Forum, Washington D.C.
158. Boile, M.P. (1999) Intermodal Transportation. American Society of Civil Engineers Lehigh Valley Section meeting, Walnutport, PA, Σεπτέμβριος 21.
159. Boile, M. P., Brodney J. and Rowinski J. (1999) Forecasting Freight Flow at a County Level. INFORMS meeting, Cincinnati, OH, Μάιος 2-5.
160. Boile, M. P., and Haynes M. (1999) Integration of an Intermodal Transportation Planning Model with Geographic Information Systems. INFORMS meeting, Cincinnati, OH, Μάιος 2-5.
161. Boile, M. P., and Spasovic L. N.(1998) Modeling Freight Transportation Demand on State and Regional Level. INFORMS meeting, Seattle, WA, Οκτώβριος 25-28.
162. Boile, M. P. (1998) Network Equilibrium with Nested Logit Demand Functions and Non-Convex Costs. INFORMS meeting, Seattle, WA, Οκτώβριος 25-28.
163. Boile, M.P., Benson S. '98 and Rowinski J. '98 (1998). Assignment of Commodity Flows Over the New Jersey Highway Network. 40^ο ετήσιο συνέδριο του Transportation Research Forum.
164. Boile M. P. and Ellis A. '98 (1998) Development and Application of a Transportation Planning Model. INFORMS meeting, Montréal, Canada, Απρίλιος 26-29.
165. Boile M. P. and Birkhead W. '98 (1998) Bus Transit Systems Evaluation Using Data Envelopment Analysis. INFORMS meeting, Montréal, Canada, Απρίλιος 26-29.
166. Boile M. P., Benson S. E. '98, and Rowinski J. P. '98 (1998) Assignment of Freight Flows Over New Jersey Highways. INFORMS meeting, Montréal, Canada, Απρίλιος 26-29.

167. Boile M. P., Roth M. J., and Ruggles R. (1997) Students Attaining a Totally Inspirational and Successful First Year. 17^ο ετήσιο συνέδριο με θέμα College Teaching, Oxford, OH, Νοέμβριος 20-23.
168. Boile M. P., and Spasovic L. N. (1997) A Combined Mode Choice - Traffic Assignment Model for Evaluating Commuter Travel Options. INFORMS meeting, Dallas, TX, Οκτώβριος 26-29.
169. Boile M. P. (1997) Overview of Lafayette's Engineering Program and Research in Intermodal Planning. Pennsylvania Department of Transportation Academic Showcase, Harrisburg, PA, Μάιος 20.
170. Boile M. P., and Spasovic L. N. (1997) An Intermodal Commuter Network Equilibrium Model. INFORMS meeting, San Diego, CA, Μάιος 4-7.
171. Boile M. P., Spasovic L. N., and Pignataro L. J. (1997) Developing a Market-Sensitive ITS Educational Program. 76^ο ετήσιο συνέδριο του Transportation Research Board, Washington, DC, Ιανουάριος 12-16.
172. Boile M. P., and Spasovic L. N. (1996) Commuter Rail Service Design with Traffic Flow Equilibration. INFORMS meeting, Washington, DC, Μάιος 5-8.
173. Boile M. P., Spasovic L. N., and Bladikas A. K. (1995) Modeling Intermodal Auto-Rail Commuter Networks. 74^ο ετήσιο συνέδριο του Transportation Research Board, Washington, DC, Ιανουάριος 22-28.
174. Spasovic L. N., Boile M. P., and Bladikas A. K. (1995) A Framework for Assessing the Benefits of Highway Traveler Information Services. 74^ο ετήσιο συνέδριο του Transportation Research Board, Washington, DC, Ιανουάριος 22-28.
175. Spasovic L. N., Boile M. P., and Bladikas A. K. (1994) A Methodological Framework for Optimizing Bus Transit Service Coverage. 73^ο ετήσιο συνέδριο του Transportation Research Board, Washington, DC, Ιανουάριος 9-13.
176. Boile M. P., Spasovic L. N., and Mouskos K. C. (1993) Trip Assignment Over an Intermodal Network with Decreasing Rail Supply Function. ORSA/TIMS Συνέδριο, Phoenix, Οκτώβριος 31-Νοέμβριος 3.