

**Curriculum Vitae of  
NIKITAS. NIKITAKOS  
Professor  
University of the Aegean**

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**I. ACADEMIC DEGREES**

- 1976-1980      Hellenic Naval Academy (Engineer's Dept.)
- 1980-1981      Degree in Statistics from University of Piraeus
- 1981-1986      B.Sc. in Economics (Maritime Economics) from University of Piraeus
- 1986-1989      Postgraduate studies in USA (Naval Postgraduate School, Monterey, CA, U.S.A.)  
and achievement of the following degrees  
M.Sc. in Applied Mathematics - Cryptography (June 1988)  
M.Sc. in Electrical Engineering (Dec. 1988)
- 1991-1996      Ph.D. in Electrical and Computer Engineering from NTUA (Dec. 1996)

**Visiting Academic Positions**

- March 2011 – April 2011 – Visiting Professor Dokuz Eylul University Maritime Faculty Izmir Turkey
- July 2011 – Visiting Professor Gdynia Maritime University – Faculty of Navigation – Gdynia Poland
- February 2012 – Visiting Professor University of Montenegro, Maritime Faculty – Maritime Transport and Traffic Division – Kotor – Montenegro
- March 2013 – – Visiting Professor Shanghai Maritime University Maritime Faculty – Shanghai - China

- April 2013 – Visiting Professor – Hangzhou Dianzi University – Hangzhou - China
- February 2014 – Visiting Professor Shanghai Maritime University Maritime Faculty – Shanghai – China
- Dec 2015 - Visiting Professor Shanghai Maritime University Maritime Faculty – Shanghai – China (maritime surveillance)
- July 2016 - Visiting Professor – Hangzhou Dianzi University – Hangzhou – China (Green Logistics)
- Sept. 2016 - Visiting Professor University of Montenegro, Maritime Faculty – Maritime Transport and Traffic Division – Kotor – Montenegro (ERASMUS+ - Maritime Security)
- Oct 2016 - Visiting Professor NMIT (Nederland’s Maritime Institute of Technology) Malaysia (Advanced Port Management)

## **II. Professional Education**

- 10/83 - 11/83 Naval War College for Junior Officers
- 11/83 - 6/84 General education School for Hellenic Navy’s officers
- 10/84 - 2/85 Damage Control for Naval ships (Treasure Island Training Centre - S.Francisco, CA)
- 09/99 - 7/00 National Defence College

## **IIβ. Professional Experience**

During his 25 years services in the Hellenic Navy (Captain H.N. ret) he has in the following assignment

- 07/80 - 10/81 Engineer officer on board H. N. S. NABAPINO (destroyer)
- 07/81 - 9/81 Engineer officer on board USS TALBOT (FFG-4)
- 11/81 - 01/82 Engineer officer on board H.N. S. KPIEZHE (destroyer)
- 01/82 - 10/83 Second M.P.A. on board of H.N.S. ELLI (frigate)
- 10/83 – 07/84 Studies in Hellenic Naval Academy (General Education School)
- 07/84 – 08/86 Main .Propulsion .Assistant on board of HNS KANAPHΣ (destroyer)
- 08/86 – 04/89 Postgraduate studies in USA.
- 05/89 – 06/95 Chief Engineer and Electronic’s Officer in the Hellenic’s Fleet flagship ELLI
- 06/95 – 10/95 Research Associate in NATO Underwater Acoustics Centre (Italy)
- 10/95 – 08/96 Deputy Director of Studies in Hellenic Naval Academy
- 08/96 – 08/98 Director of Electricity and Electronic/ Information Systems in Salamis Naval Base
- 08/98 – 08/00 Director of Electrical and Electronics Directorate in Hellenic Navy’s general Staff
- 08/98 – 05/01 Inspector of Electrical and Electronics in General Inspection Directorate of Hellenic Navy
- 06/99 – 07/01 Deputy Scientific Director of Hellenic Navy’s Office for Reacher and Technology
- 05/01 – 08/01 Director of Electrical and Electronics Systems in Hellenic’s Navy Fleet staff. Resign form the Navy due to University of the Aegean professorship’s appointment

During Military Carrier participation as president/ member in the following committees

- MIS for Salamis Naval Base
- Electronic Warfare system for Fast Patrol boats.
- Navigational Simulator
- Main converters of 400 Hz
- Gyro compasses for H.N. Ship's
- Electronic Intelligence Systems for H.N..
- Metrology System for Hellenic Navy
- Crypto equipment for Data Links.
- Battery's installation for H.N.'s submarines
- Radio interference equipment.
- Defense research and Technology projects (evaluator/reviewer)
- HF Radio equipment.
- VHF (frequency hopping) equipment for Hellenic Navy .

### **IIc Military medals**

- Golden Cross of the order of the Phoenix
- Golden Cross of the order of Honour
- Gold Medal for service to surface warships
- Commander of the order of Phoenix
- Commander of the order of Honour
- Medal of Military Merit Second Class and Third Class
- Medal of Meritorious Command B 'and A' class
- Medal of Staff Officer Service - Class B
- Medal of meritorious participation in peaceful missions (2 times)
- Medal from Saudi Arabia for participation in the Gulf War
- Medal from Kuwait (Operation of Kuwait's Liberation )

### **III Research Experience**

- Research associate for 3 months, accepting a NATO fellowship, in NATO Undersea Systems Centre La Spezia Italy. (6/95 - 9/95)
- Participation as Working Group Leader in ESPRIT 6052 program "Intelligent Robotic Welding for Large Fabrications" (1992-1995).
- Participation in the program funded by Hellenic R&D Ministry named "Tracking of radar targets" of NTUA (1993-1995).
- Member of evaluation committee of Underwater Modelling system of NTUA named AMFITRITI (1992-1997)
- Funded by NATO Collaborative Research Grants Programme (CRG.951005) Visit and cooperation with the University of Nova Scotia - Halifax - Canada (May 1996).
- Participation in Human Exchange Scientists in Information science ICARUS of R&D Ministry with subject Security in information systems (1996 - 1999)

- Participation in sea measurements in the context of the program of Applied Acoustics Group 2/90 of Saclantcen in Creta (6/1990) as Hellenic Navy's representative.
- Hellenic Navy's representative in Research Group 5 for IR signature's of naval ships (11/89)
- Member of joint research group of U.A. and Aegean University for data security of information systems and electronic commerce.
- Participation as principal researcher in ERMIS program of telematic applications in tourism and electronic commerce.
- National representative for Hellenic Navy's In FORACS Steering Committee (1998-2000)
- Coordinator in EU funded research projects (SLIM-VRT, POET, DIAS.NET)
- Reviewer and evaluator in FP5, FP6 and FP7 research projects
- Coordinator in several regional and national funded research project (MED-PCS, ACRITAS, Enercoast, Corinthos)
- Project coordinator in Adrion project NEORION (green shipbuilding)
- Team leader in projects (PROTEUS- Maritime Surveillance, Ecoportil- port environmental awareness and training, Interegg - AYTONOMW (green building)
- Coordinator of the research project 'Floating Autonomous and Ecological Desalination Plan' which is considered as Best practice for EU for the use of renewable energies
- From 2009 in cooperation with KEMEA participated as Senior Researcher/ Team Leader in the following European research projects
  - 1.PERSEUS (261748) - Protecting European Seas and borders through the intelligent Use of surveillance
  - 2.DARIUS - Deployable SAR Integrated Chain with Unmanned Systems
  - 3.SAVELLEC - Safe control of non cooperative Vehicles through ELECTromagnetic means
  - 4.PREFER – Space-based Information Support for Prevention and Recovery of Forest Fires Emergency in the MediteRanean Areas
  - 5.SAGRES – Services Activations for Growing Eurosur's Success
  - 6.LOBOS – Low time critical Border Surveillance
  - 7.SERSCIS - Semantically Enhanced Resilient and Secure Critical Infrastructure Services
  - 8.STARTRANS-Strategic Risk Assessment and Contingency Planning in Interconnected Transportation Networks
  - 9.SNOOPY(313110) -Sniffer for Concealed People Discovery
  - 10.CORE (603993) – Consistently Optimised Resilient Secure Global Supply Chains
  11. CONTAIN - Container Security Advanced Information Networking

### **IIIa. Research Awards**

- 2006 Lloyd's List Award for Maritime Innovation for the Floating Ecological desalination Unit
- RegioStars Award 2008 on Energy Efficiency and renewable energies
- Best paper award in the International Congress of Coastal and Marine Tourism, 2005
- Propontis foundation Scholarship for 2 years 2008-2009 for study on educational game usage for maritime training

- Award for the Alumni's association of Ionideios High School: (Graduate of year 2008) for his contribution in Education and Culture
- Award of scientific and Research excellence 2009 from the University of Aegean and Chios society's liaison committee
- Award of scientific and research excellence (Aristeia), 2012, from Ministry of Education and religious affairs, Greece
- Honorary Professor in Technology and Management from Hangzhou Daisy University – China, 2013
- Honorary Professor in Maritime Science from Kaliningrad State Technical University – Russia - 2019

### **IIIb International Patents**

- (WO/2007/096680) STABLE FLOATING STRUCTURE WITH LIMITED OSCILLATIONS
- (WO/2007/096679) SYSTEM FOR ENERGY RECOVERY AND REDUCTION OF DEPOSITS ON THE MEMBRANE SURFACES IN (VARIABLE POWER AND VARIABLE PRODUCTION) REVERSE OSMOSIS DESALINATION SYSTEMS

### **IIIc Ph.D. supervision**

Completed Ph.Ds under my supervision

- George Dourmas 'Digital Business Ecosystems – Application in Maritime sector', 2007
- Evaggelos Mennis 'Stochastic modelling for risk assessment and study of maritime systems reliability'
- Ioannis Syrris 'A methodology for development of educational games in higher education. Application in seafarers training', 2009
- George Gratsos 'FREIGHT MARKETS SIGNALS IN A CHANGING ENVIRONMENT: An internal view of dynamic forces that shape the dry bulk business', 2010
- Panagiotis Vassilakis 'A framework of behavioral assessment in new technologies use for maritime education', 2013
- Georgios Fykaris 'A prototype expert system for optimizing engineering and economical systems in maritime sector using case based reasoning', 2013
- Vasileios Gkrizis 'The geopolitical dimensions of sea borders protection and risk assessment framework' 2017

- Afroula Stefanakou ‘An economotechnical framework for the development of floating wind turbines in isolated areas’ 2018
- Georgios Mantzouris ‘Application of picosatellites framework in maritime piracy and security’ 2016
- Vasileios Pirkatis ‘Decision making framework for information and communication technology outsourcing in shipping companies’ 2013
- Dimitrios Papachristos ‘Evaluation of e-learning systems for marine education and training with neuroscience methods and tools’ , 2018
- Ioannis Dagkinis ‘Methodological framework for reliability and efficiency of renewable energy sources offshore structures’ 2018
- Ioannis Nellas ‘The nexus between Dynamic Capabilities, innovation and Maritime Security’ 2021

7 Ph.Ds under my supervision are currently underway and participation in the advisory and examining committee for more than 30 Ph.D. (including examination committee for 4 Ph.Ds in Sweden and UK)

#### **IV. Teaching Experience**

- Teaching as Ass. Professor and then Professor (from 2005) at University of Aegean (Dept. of Shipping Trade and Transport from 1997 until now of the following courses :
  - ‘Introduction to Information Science’ winter semester
  - ‘MIS’
  - ‘Innovation management’
  - ‘Applied Informatics’
  - ‘Project Management’
  - ‘Research methodology’ (post graduate)
  - ‘Marine Technology’ (postgraduate and undergraduate course)
  - ‘Shipyards Management’
  - ‘Energy and Shipping’
  - ‘Offshore Renewables’
  - ‘New Technologies in Maritime and Transport systems’ (postgraduate course)
  - ‘Electronic Commerce’ (postgraduate course)
  - ‘Information Economics’ (post graduate course)
  - ‘Energy and Natural Resources’
  - ‘Green Shipping’(post graduate course)’
  - ‘Maritime Security’ (post graduate course)
- Teaching as Adj. Professor in Hellenic Naval Academy of the following courses:
  - I. Electrotechnical Applications (1994, 1995)
  - II. Electronic’s Applications II (3 times in 1995-1996)
  - III. Electronic Warfare (2 times in 1995-1996)
  - IV. Electronics (1996 – 2005))

- Teaching as Scientific Associate in Technological Institution of Athens (Dept. of Informatics) of the course “Information Systems Security ” (Acad. years 1996 - 1997, 1997 - 1998)
- Teaching as Scientific Associate in Technological Institution of Athens (Dept. of Naval Architecture ) of the course “Programming II ” (Acad. years 1998 - 2003)
- Teaching in IST - Herfortside (M.Sc. Programme) of the courses (acad. years. 1996 -1997, 1997- 1998)
  - Systems Modelling (1<sup>st</sup> semester)
  - Computing Environments (1<sup>st</sup> semester)
  - Open Systems and Networks (2<sup>nd</sup> semester)
- Teaching Assistant in the course ‘Radar Systems’ in NTUA (Acad. Years 1994,1995)
- Teaching in the postgraduate program of the University of Piraeus the following courses (2002- 2005)
  - Telematics technology for transportation systems
  - Electronic Commerce in Shipping

#### **V. Reviewer Activities**

- Reviewer in IEE Electronics Letters
- Reviewer in IEE Proceedings Vision, Image and Signal Processing
- Reviewer for Aegean Working papers journal
- Reviewer for European Operation Research journal
- Reviewer for Maritime Policy and management journal
- Reviewer for Journal of Navigation
- Reviewer for International Journal of Sustainable Energy

#### **VI. Conferences Activities**

- Scientific Committee’s member in International Conference Circuits, Systems and Computers ’96
- Scientific Committee’s member in the 2<sup>nd</sup> IMACS International Conference on Circuits, Systems and Computers ’98
- Scientific Committee’s member in the 3<sup>rd</sup> IMACS International Conference on Circuits, Systems and Computers ’99
- Scientific Committee’s member in conference ‘ The Naval Technology in 21<sup>st</sup> Century’.
- Scientific Committee’s member in Conference ‘Acoustical Technology 98’

- Organising Committee's member in International Conference Circuits, Systems and Computers '96
- Organising Committee's member in 'The Naval Technology in 21<sup>st</sup> Century'.
- Scientific Committee's member of International conference «Maritime Security» Chios 2001
- Scientific Committee's member of International Conference of IMAM – 2002
- Scientific Committee's president of International Conference «Sea's Geopolitics» - Chios 2002
- Scientific Committee's member of 2<sup>nd</sup> International Conference on Defence, Security and Economic Development
- Scientific Committee's member of IAME 2004, Turkey
- Scientific Committee's member of IAME 2005, Cyprus
- Scientific Committee's member of Logistics 2005, Turkey
- Scientific Committee's member of International Congress on Coastal and Maritime Tourism 2005, Cesme Turkey.
- Scientific Committee's member of ESREL 2004, Poland
- Scientific Committee's member of ESREL 2005, Berlin
- Scientific Committee's member of ESREL 2006, Lisbon
- Scientific Committee's member of ESREL 2007, Stavanger
- Vice Chairman of Scientific Committee of International Conference KIECA 2005, Gunsan, Korea
- Scientific Committee's member of IAME 2007, Athens
- Scientific Committee's member of SSARS 2007, Gdynia
- Scientific Committee's member of TRANSNAV 2007
- Scientific Committee's member of TRANSNAV 2009
- Scientific Committee's member of SSARS 2009
- Scientific Committee's member of SSARS 2010
- Scientific Committee's member of SSARS 2011
- Scientific Committee's member of SSARS 2012
- Scientific Committee's member of IMLA 2008
- Scientific Committee's member of TRANSNAV 2011
- Scientific Committee's member of TRANSNAV 2013
- Scientific Committee's member of IAME 2014
- Scientific Committee's member of ECONSHIP 2012
- Scientific Committee's member of TRANSNAV 2015



- Scientific Committee's member of ECONSHIP 2015

### **Academic Assessment activities**

Member of Academic Assessment in:

- Hellenic Naval Academy Academic Curriculum review (Engineer's Dept). (1996)
- Member since 2010 until now in Hellenic Ministry of Mercantile Marine in the National Board of Maritime education responsible for Maritime Academies representing Ministry of Education
- Internal Academic Assessment for the University of the Aegean (2014-2016)
- Member of external academic board for Frederick University (Maritime Management M.Sc. including e-learning curriculum) - Cyprus - 2015
- Member of external academic accreditation board for European University (Maritime Management B.Sc. and M.Sc. including e-learning Curriculum) – Cyprus – Sept. 2016
- Member of external academic accreditation board for Higher technical education school (maritime Engineering and Spare parts management leading to diploma) Cyprus– Sept. 2016
- Member of external accreditation board for Diploma in Naval Science & Bachelor in Naval Science – Higher Colleges of Technology In association with Rashid Bin Saeed Al Maktoum Naval College, UAE, Jan 2018
- Member of external review team for Initial Accreditation of Bachelor of Maritime Engineering Technology, and Bachelor of Maritime Transport Technology to be offered by Arab Academy for Science, Technology & Maritime Transport (AASTMT) Khorfakkan, Sharjah Campus, UAE, 17 - 20 November 2019

### **VII. Other activities**

- Member of educational board of Hellenic Naval Academy (from 1996 until 1999)
- Member of Technical Chamber of Greece, IEEE, Economical Chamber of Greece, AFCEA, Greek Computer Society, Hellenic Naval Museum ,
- Member (elected) of Administration board of Hellenic Institute of Maritime Technology
- Advisor of the Hellenic Register of Shipping in Maritime training and environmental issues
- President of AMMITEC (2005-2009) (Association of Managers for Maritime Information Technology and Communications)
- Advisor of Hellenic Chamber of Shipping in It and environmental issues. He represents HCS in IMO subcommittees COMSAR, NAV, STW and participates in working groups on Green House Gases emissions and MBM (Market Based Measures)

#### **\* Professional Certificates**

Project Management Professional- PMP (#1785266) exp. 7 Jan. 2024

PMI Risk Management Professional PMI-RMP (#1578308) exp. 13 Feb. 2025

Prince2 certificate

ISM Code and ISPS code Internal Auditor

Energy efficiency Management Tools for Shipping Industry

## **VIII. Publications**

### ***1. Dissertations***

[1.1] N.Nikitakos ‘Electromagnetic methods for radar’s target identification’ Ph.D. Dissertation, National Technical University of Athens , Dec. 1996..

[1.2]. N.Nikitakos “A comparison of two frequency domain adaptive beamforming algorithms for sonar signal processing “ M.Sc. Thesis U.S.A. 1988

### ***2.1 Books***

[2.1.1] «Elements of Electricity and Electronics» (in Greek), Ministry of Educations, Secondary Technical Schools, Maritime sector, Sept. 2001.

[2.1.2] « Maritime Communications » (in Greek) , Ministry of Educations, Secondary Technical Schools, Maritime sector, Sept. 2001.

[2.1.3] ‘Defense Shipbuilding Industry- Present situation – future prospects’(in Greek) Ministry of Defense, Athens 2003

[2.1.4] N.Nikitakos, G.Dourmas (eds) ‘ EU-Asia : Development in Shipping, Trade and Logistics’ , I.Sideris publications, Athens 2009.

[2.1.5] ‘ ICT in Maritime sector’ volume I (in Greek) (coauthors Kokkotos, Linardatos, Tzannatos ) , Stamoulis publicatios, Athens, 2010.

[2.1.6] ] ‘ ICT in Maritime sector’ volume II (in Greek) (coauthors Kokkotos, Linardatos, Tzannatos ) , Stamoulis publicatios, Athens, 2010

[2.1.7]N.Nikitakos, G.Dourmas ‘ Electonic Technology issues in Shipping and Transport ’ (in Greek) volume I , I. Sideris publications,2011

[2.1.8] N.Nikitakos (scientific editor) J. Fresco ‘The best that money can’t buy’ (in Greek)’ Pangaia publisher, 2011

[2.1.9] N. Nikitakos (scientific editor) M.Scott-Cato ‘Green Economics’, εκδόσεις Ι.Σιδέρη, 2011

[2.1.10] N.Nikitakos (scientific editor) B Martime Congress in Andros –Quality in shipping – Andros 2012

[2.1.11] N.Nikitakos (editorial Review board) B. Dragovic, N.Zrnic, N.K. Park ‘ Container Terminals performance Evaluation – Research Monograph – University of Belgrade – Belgrade Serbia 2011

### ***2.2 Chapters in Books***

[2.2.1] N.Nikitakos ‘Communications security using spread spectrum’ (in Greek) p. 249 - 260, in “Information Security’ Greek Computer Society , 1995

- [2.2.2] N.Nikitakos ‘ Floating Autonomous and Efficient Desalination Plant’ (in Greek); in ‘Sustainable Development and the Environment’ Sideris publications , 2005
- [2.2.3] N.Nikitakos ‘ Aegean Sea’s Wind and wave potential and Sustainable development’ (in Greek) in ‘ Environment and Marine Space’, Sideris publications, 2006 (in Greek)
- [2.2.4] N.Nikitakos, M.Lambrou ‘ Digital Shipping: The Greek Experience’ in ; Maritime Transport: The Greek Paradigm; , Research in Transportation Economics, Volume 21, p. 387-421, Elsevier 2007.
- [2.2.5] N. Nikitakos Introductory Remarks in ‘ Environment and Sea Transport – Searching for a sustainable approach ’, Sideris publications, Athens 2008. (in Greek)
- [2.2.6] N. Nikitakos ‘ Electronic Governance’(in Greek) in Globalizations Editor P.Siousouras – Quality Publications – 2009
- [2.2.7] N. Nikitakos ‘ Port’s Environmental management’(in Greek) , pp.. 85-115 in ‘ Law and Ports’ policy editor K.Pampoukis, V. Tountopoulos, Sakoulas publications 2011
- [2.2.8] N.Nikitakos ‘Copenhagen 2009 and maritime transport’(in Greek) pp. 311-325 in ‘Copenhagen 2009 The environment in the middle of an international crisis’ editors G. Tsaltas – K. Katsimbardis – Sideris publications, Athens 2011
- [2.2.9] N.Nikitakos ‘ Geopolitics of Natural Gas and LNG shipping ’ (in Greek) pp 141-154 in ENERGY Shipping and sea transport ‘ Editor N. Farandouris – Legal Library 2013
- [2.2.10] N.Nikitakos ‘ Underwater cables for Electric Power and Communications – technical and Legal issues’(in Greek) pp. 255-273 in ‘ Aegean and Southeastern Mediterranean’ editors G.Tsaltas and C. Anagnostou Sideris publications, Athens 2014
- [2.2.11] N.Nikitakos Introduction pp. 11-15 in ‘Modern Maritime transport and Piracy’(in Greek) by P. Siousouras, D.Dalaklis - Sideris publications, Athens 2011.
- [2.2.12] N.Nikitakos ‘ Software Quality in Shipping (in Greek) ‘ pp. 85-100, 2nd Maritme Congress in Andros Andros 2012
- [2.2.13] N. Nikitakos ‘ Marine Electronic Highways’(in Greek) pp. 199-223 2nd Maritme Congress in Andros Andros 2012
- [2.2.14] P. Vasilakis, N.Nikitakos ‘ Quality Governance in Martime education’ (in Greek) pp. 229-245, 2nd Maritme Congress in Andros Andros 2012
- [2.2.15] G.Georgantis, E.Kostidi, I Dagkinis, D.Papachristos, N.Nikitakos ‘Quality and Safety in Medical 3D printing’ pp. 69-84, Tsoulfas et. al in 3D printing: Applications in Medicine and Surgery, Elsevier 2020
- [2.2.16] N.Nikitakos, I.Dagkinis, D.Papachristos, G.Georgantis, E.Kostidi ‘ Economics in 3D printing’ pp. 85-95, Tsoulfas et. al in 3D printing: Applications in Medicine and Surgery , Elsevier 2020

### ***2.3 Monographs***

[2.3.1] N.Nikitakos ‘ Electronic Services in Maritime sector: Present situation - perspectives’ Chios, March 2006

### **3. Publications in International Journals**

[3.1] P.Frangos, N.Nikitakos, N.Uzunoglu “ Calculation of the natural frequencies of complex objects using a finite element near field computation method ” Journal of Electromagnetic Waves and Applications Vol.7 , No 12, pp 1633 - 1652, 1993.

[3.2] P.Frangos, N.Nikitakos, N.Uzunoglu “Electromagnetic field of a plane trapezoid of uniform distribution of current” in “Electromagnetics”, Vol. 16, No2, pp 145 - 163, 1996.

[3.3] P.Frangos, N.Nikitakos, N.Uzunoglu “Scattering of electromagnetic waves from conducting objects of arbitrary shape using a finite element near field computation method” in “Electromagnetics”, Vol. 17, No 3, pp.185-197 ,1997

[3.4] S.Stergiopoulos, D.R. Munn and N.Nikitakos “ A Method Minimizing the Correlation Properties of a Noise Field and Improving Detection of Signals Embedded in Anisotropic Noise” IEEE Journal of Oceanic Engineering, Vol. 23, No 2, pp.105 – 117, April 1998.

[3.5] N.Nikitakos, A.Leros and S. Katsikas “Towed Array shape estimation using multimodel partitioning filters” IEEE Journal of Oceanic Engineering, Vol. 23, No 4, pp. 380 - 385 , Oct. 1998.

[3.6] N.Nikitakos, I.Theotokas “Network Centric Organizations in Shipping” The Journal of Management Sciences and Regional Development, Issue 3, pp. 183- 196, July 2001.

[3.7] Nikitakos N., Gritzalis S., "Risk Management for New Information Technology Insertion in a Shipping Company", Operational Research: An International Journal, Vol.1, No.1, pp.7-16, April 2001, New Technology Publications

[3.8] N.Nikitakos and I. Kirsteins “A generalized likelihood ratio test for detecting moving targets in unknown subspace interference” in Aegean Working papers Journal , issue 1, pp 37-52, 2003

[3.9] A.Roumboutsos, N.Nikitakos , S.Gritzalis ‘Information technology network security Risk Assessment and management framework for Shipping companies’ Maritime Policy and Management Journal, vol. 32, no4, pp. 421-432, October – December 2005

[3.10] N.Thomaidis, N.Nikitakos, G.Dounias ‘The evaluation of Information Technology projects: A fuzzy multicriteria decision making approach’ International Journal of Information Technology And Decision Making, vol.5, no1, pp. 89 – 122, March 2006

[3.11] P.Siousouras, N.Nikitakos, ‘European Integration: The Contribution of the West European Union’ European Research Studies, Vol. IX, Issue 1-2, pp.113 – 124, 2006

[3.12] D Özer, N. Nikitakos, A. G Cerit , E.Z. Oral ‘Analysis of Short Sea Shipping Potential in the Greek islands’ Aegean Working Papers, Issue 3, pp. 47-69, December 2005

- [3.13] N.Nikitakos , E.Mennis, A.Platis ' Hybridic Model for small cruise ships' safety risk management' Journal of Tourism in Marine Environments, vol. 3, no1, pp. 59-67,2006
- [3.14] Maria A. Lambrou, Athanassios A. Pallis, Nikitas V. Nikitakos, "Exploring the applicability of electronic markets to port governance", International Journal of Ocean Systems Management, Vol.1 no1, pp. 14-30, 2008.
- [3.15] Georgios Dourmas, Nikitas Nikitakos, Maria A. Lambrou, "A Methodology for Rating and Ranking Hazards at Formal Safety Assessment using Fuzzy Logic", in Quarterly Archives of transport, , vol. 19, issue 3, pp. 75-86, 2008.
- [3.16] Georgios Dourmas, Nikitas Nikitakos, Maria A. Lambrou, "Evaluation of Electronic Maritime Services using Fuzzy Logic Techniques", *International Journal of Business Information Systems*, Vol. 3, No 6, in press, 2008.
- [3.17] Maria A. Lambrou, Kay E. Fjørtoft, Efstathios D. Sykas, Nikitas Nikitakos, "Ambient intelligence technologies in support of shipping markets' operations", *Telematics and Informatics*, Vol. 24, No 4, 2007.
- [3.18] Th. Lilas, Nikitas Nikitakos ' Floating Autonomous Environmental Friendly and Efficient Desalination Unit' Middle East FORUM, Issue 6, pp. 73-87, 2007
- [3.19] Evangelos Mennis, Agapios Platis, Ioannis Lagoudis, Nikitas Nikitakos " Improving container terminal efficiency by means of Markov Theory" in Maritime Economics and Logistics, 10, 2008, (243-257)
- [3.20] Evangelos Mennis, Agapios Platis, Nikitas Nikitakos, Jean Guy Fontaine "Enhancing safety in ship's critical systems using Markov Modeling" accepted for publication in International Journal of Reliability Quality and Safety Engineering
- [3.21] Evangelos Mennis, Agapios Platis, Nikitas Nikitakos "Applying performability modeling in maritime risk assessment" In International Journal of Materials and Structural Reliability, p. 97-107, Vol. 6, No.1, March 2008
- [3.22] Evangelos Mennis, Agapios Platis, Nikitas Nikitakos "Applying Stochastic Models in Maritime Safety", Journal of Environmental Protection and Ecology, pp. 975-985, Vol. 19, issue 4, Jan. 2009,
- [3.23] Dimitrios Dalaklis, Petros Siousouras, Nikitas Nikitakos "Enforcing Safety and Security in the Eastern Mediterranean: The Greek Effort to Implement Vessel Traffic Services" in International Hydrographic Review, pp.35-43, May 2009
- [3.24] N. Nikitakos, G. Fykaris 'Autopilot adjustment using CBR' 'International Journal of Ocean Systems Management' pp.135-154, vol.1, no2, 2009
- [3.25] G.Georgoulis, N.Nikitakos ' The Burgas – Alexandroupolis pipeline, strategic and

environmental issues' pp. 29 -67, Middle east FORUM, issue 8, December 2008

[3.26] D.Dourmas, N.Nikitakos, M.Lambrou ' Electronic business and the concept of digital business ecosystems applied to the shipping industry; the Greek shipping case' *Journal of Management Science and Regional development*, pp. 1-17, issue 6, December 2008

[3.27] A. Papasalouros, K. Kotis, N. Nikitakos, Decision Making Support for Maritime Environmental Protection via an Intelligent tutoring system approach, *Journal of Environmental Engineering and Management (special issue on - Artificial Intelligence Applications in Environmental Protection)*, Vol. 9, No. 2, pp. 197-204, February 2010, Technical University of Iasi

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