

Europass curriculum vitae



Personal information

Surname(s) / First name(s)	Cătălin POPA, Associate Professor, PhD Habil., MSc
Address(es)	Residence: Romania, Constanta, 8 th Cutezatori Street, Building IV10, Ap.5
Telephone(s)	+40744364632
E-mails	catalin.popa@hotmail.com, catalin.popa@anmb.ro
Nationality	Romanian
Date of birth	3 rd of August 1973
Gender	male

Work experience

Dates	July 2015 – present
Occupation or position held	from July 2016 - Vice Rector (Deputy) for International Programs (since July 2016) https://www.anmb.ro/enq/files/structura/conducere/index.html) from May 2022 - Chairperson LoD 11 – Naval Exchanges under EMILYO program (<i>European Initiative for the Exchange of Young Military Officers</i>), ESDC (http://www.emilyo.eu/node/158) from July 2015 - Associate Professor of Naval Academy (EUA accredited, ISO9001/2015 QMS) September 2015 –June 2016 - Director for NAC <i>Interdisciplinary Research Center</i>

Main activities and responsibilities	<i>Romanian Naval Academy</i> - Course Team Leader for next courses: Economics, International Business, Financial Management, Operations Management and Logistics, Project management, Business Management - undergraduate (BAS) and Entrepreneurship and Business Management, Port Strategic Management, International Logistics and Supply Chain Management - postgraduate level (MBA). Program coordinator and curriculum developer for 2 study programs: <i>Engineering and Management</i> (BAS 4 years program for undergraduates level – 240 ECTS credits) and <i>Logistics Systems' Management</i> (2 years Master program degree – 120 ECTS credits). In this position, as program coordinator/provost for international programs underwent through accreditation process with the National Agency for Quality Assurance in Higher Education (NAQAHA – Romanian branch of European Agency for Quality Assurance in Higher Education), International Association for Maritime Universities (IAMU), U-multirank (EU system on Higher education rating) and with EUA (European University Association). Both programs are accredited with highest level of trust, in accordance with ISO 9001/2015. Starting from July 2015 I am Member of the Naval Academy Executive Board, member of the Naval Academy Scientific Council and member of the Faculty Board. I am also member of Quality Assurance Board, organizing and providing internal audit for research, project development and curriculum development processes, under ISO 9001/2015 standards. In November 2016 we had succeeded the ISO 9001/2015 implementation as further accredited by BVQI- Bureau Veritas. Starting on June 2016 I have been appointed as Provost for International Programs, being responsible with the institutional policies on international programs and relations (project/programs management, Erasmus+ program administration, EU funds management, partnership relations management, quality management/risk management, budgeting, event management, project consultancy, public relations management). In this position I am also responsible for implementing and maintaining the external accreditation processes with the international agencies (i.e. IAMU, U-multirank and EUA).
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Name and address of employer Type of business or sector	During 2015-2016, as acting <i>Director for NAC Interdisciplinary Research Center</i> I was responsible with the research activities within faculty, applying for different faculty research project with national agencies, economic entities, and European Union financing funds. During this assignment I was also responsible to organize the NAC scientific events, both for academics and students, to administrate the academic journal (business section) and to develop cooperation agreements in research with similar institutions, locally or abroad. As a major achievement in project management area of expertise is valuable to remind that one of my previous projects (e.g. MIS-222), developed together with our Bulgarian partners has been awarded as the best project implemented across the Ro-Bg area, in 2007-2013 EU program. Romanian Naval Academy („Mircea cel Batran”), 1st Fulgerului Street, Constantza, Romania (www.anmb.ro) University, higher education, training, scientific research
Dates	March 2026 – present
Occupation or position held Main activities and responsibilities	PhD Coordinator – habilitated, National University of Science and Technology POLITEHNICA Bucharest, Doctoral School in Transports, Field: Transport Engineering, Habilitated according to the Ministry of Education and Research Order no. 3279/25.02.2026 UPB - Council Doctoral for Studies Decision no. 94/19.03.2026
Name and address of employer Type of business or sector	Area of expertise: Maritime Transports, Risk Management, Logistics Processes, Transport Sustainability and Resilience
Dates	January 2026 – present
Occupation or position held Main activities and responsibilities	Professor, Bulgarian Naval Academy "Nikola Vaptsarov", Varna, Bulgaria Faculty for Navigation, PhD coordinator in professional field 5.5. "Transport, Navigation and Aviation", academic disciplines Logistics and international Transport Systems Certificate of Academic Professorship, № 95/27 November 2025 https://ras.nacid.bg/dissertation-preview/78308
Name and address of employer Type of business or sector	Bulgarian Naval Academy "Nikola Vaptsarov", Varna, Bulgaria (https://www.naval-acad.bg/en) University, higher education, training, scientific research
Dates	March 2014 – July 2015
Occupation or position held	Business Faculty, UAE Abu Dhabi Men's College, Higher Colleges of Technology Teaching next courses: Economics for Managers, Operations Management, Logistics, Strategic Supply Chain Management, Personal Finance and Project management – undergraduate (BAS). I have been course team leader for Logistics and Operations Management, for Project Management and Personal Finance. As CTL I have enriched my experience in PO, GO, CLO design and in assessment strategy validation (CSA), accordingly to HCT rules and regulations. I have participated in students work placement management alongside UAE companies. I have a wide experience teaching LBD framework ("LEARNING BY DOING") , being expert in on-line learning environment under both MOODLE environment or BB Learning Platform (including MyEconlab, MyOpmlab, MyFinlab, as of Pearson, McGrawHill, Wiley provided resources etc.), using other specialized tools and software as Respondus, MapMind or ZOOM. As ADMC faculty member I had broaden my experience working with Quality Management System ISO 9001/2008, being accredited by British International Standards as internal auditor. I have been involved in accrediting processes with Accreditation Council of Business Schools and Programs (AACSB), enlarging my knowledge in Quality Management System (ISO9001/2008) in higher education. I had been member of HCT Scientific Research Committee, Member of HCT Logistics Committee, Member of HCT MBA Committee. Under HCT affiliation I had published 9 scientific articles in several visible journals.
Name and address of employer Type of business or sector	Higher Colleges of Technology, Abu Dhabi Men's College, Business Department, Abu Dhabi, United Arab Emirates (www.hct.ac.ae) University, higher education, training, applied research

Dates	April 2005 – March 2014
Occupation or position held	Associate Professor (2013-present), As before Senior Lecturer (2007-2013), Professor Assistant (2002-2007)
Main activities and responsibilities	From March 2014 – part time MBA - Professor – International Affairs, Logistic Systems from 2010-March 2014 : Associate Dean for Research in Romanian Naval Academy, Faculty for Engineering and Management; Full time Associate Professor from 2009 – 2010: Deputy Director for Distance Learning Department; from 2007–2008: Chair of EU Project Development Board – application/implementation of research and development programs on EU structural Funds and Erasmus exchanges program; from 2008-2012: Member of NAC Scientific Council; from 2016-2024: Member of RNA University Senate 2009-present: National expert for <i>Engineering and Management</i> BAS program; 2009-2014: Member in Academic Quality Assurance Council. Didactic positions: Associate Professor (starting on October 2013), Senior Lecturer (2007-2013), Lecturer (2005-2007), Professor Assistant (2002-2005). Associate Professor of the following courses undergraduate and postgraduate levels: <i>Financial Management (Corporate Finance), Logistics and Supply Chain Management, Operations Management, Project management, International Business, Economics for managers, Strategic Management</i>. Throughout my teaching experience I had also been appointed as course leader for next courses: <i>Transportation Management, Macroeconomics, Entrepreneurship and Business Management and Accounting</i>. Associate Professor of the following courses on <i>Engineering and management</i> master study program (M.Sc.) – <i>International Business and Strategic Management, European Union Economic Policies, Logistic Systems, Production management and Crisis management</i>. Trainer in Lifelong Learning Department for the next courses: <i>Export-Import and Forwarding Operations, European Union Trade Rules and Regulations, Crisis Management and Multimodal Logistics</i>. I was involved in course accreditation for lifelong learning department, based on National Authority for Adults Education standards (courses of Risk Management and Crisis Management) In the position as academic staff I have carried out scientific studies and researches, valorizing my professional expertise in finance/logistics field on national/ international level. As Associate Professor and Senior lecturer I have coordinated undergraduate and postgraduate graduation thesis (as scientific coordinator) and I have coordinated the Students Career Counseling Center. I had been full member of <i>Scientific Council of Naval Academy</i> (October 2008- March 2014), member of <i>Academic Council for Project Management</i> (March 2007-March 2014) and member of <i>Master Studies Committee</i> (March 2007-February 2014). In 2009-2011 I had been appointed as Deputy Director for Distance Learning Department – in this position I had dealt with curricula design and educational processes management and administration, according to internal and external qualitative standards and key performance indicators (ISO9001/2008). Later, as Associate Dean for Part Time Education I had implemented and developed the institutional e-learning platform on MOODLE environment (adl.anmb.ro), where actually are loaded more than 200 functional distance learning courses on engineering, management, logistics or other fundamental sciences. In lifelong learning matters I had implemented a wide range of training courses, developing the particular curricula for it, in accordance with our clients' requirements and learning outcomes descriptors. I had been involved as chair or board member in different successful accreditation processes, dealing with National Agency for Quality Assurance in Higher Education (ARACIS), Bureau Veritas (BVQI), EUA (<i>European University Association – Institutional Evaluation Programme</i>), EMSA (<i>European Maritime Safety Agency</i>), IMO (<i>International Maritime Organization</i>) and BSUN (<i>Black Sea University Network</i>), contributing for high ranks awarding (www.anmb.ro/eng). My international academic teaching experience is proved by personal involvement in different international projects, partnership developments or participating in multiple teaching/training mobilities in international universities from France, Norway, Spain, Croatia, Slovenia, Greece, Bulgaria, Turkey, Moldova, Ukraine, Austria, Poland, Latvia, Lithuania, Italy, USA.
Name and address of employer	Romanian Naval Academy, 1 st Fulgerului Street, Constantza, Romania (www.anmb.ro/eng)
Type of business or sector	University, higher education, training, scientific research
Dates	October 2008 – February 2012
Occupation or position held	Senior Lecturer (part-time contract)
Main activities and responsibilities	Lecturer for the following courses on for undergraduate level: <i>Economics for managers, International Finance</i> . Beside the didactic activities, in the same position I've been involved in

	research programs. I have coordinated graduation thesis (BSc and MSc) and student research activities.
Name and address of employer Type of business or sector	<i>Dimitrie Cantemir University, Bucharest, Romania ,</i> Higher education, scientific research
Dates	<i>October 2005 – October 2009</i>
Occupation or position held	Professor Assistant (part-time contract)
Main activities and responsibilities	Lecturer of the following courses on postgraduate level: <i>International Financial-Monetary System</i> (English taught courses- English program).
Name and address of employer Type of business or sector	<i>National Banking Institute, Bucharest, Romania (www.ibr.ro)</i> Higher education, training, scientific research
Dates	<i>April 2004 – March 2005</i>
Occupation or position held	Senior Economist (Finance/Logistic Officer)
Main activities and responsibilities	Mission in Georgia - the specific OSCE delegations' responsibilities were the monitoring and surveillance of Georgian internal security and local political, social and environmental stability. As Finance/Logistic Officer of this mission, I was responsible with all financial/ logistic aspects implied by the current activity of OSCE's camp bases. The main tasks were regarding: the cash-flow management, payroll, budgeting, inventory management, procurement, supplies & stocks management, according to Common Regulatory Management System (C.M.R.S.), Budget Regulatory Framework (B.R.F.), U.N. Staff Regulations and I.A.S. I have been entire period part of all commissions responsible with monthly inventory, monthly financial balances, reported directly to the Chief of Administration. In this position I had worked based on SAP Fi and SAP MM Inventory modules as informatics frame of this job.
Name and address of employer Type of business or sector	<i>Organization for Security and Cooperation in Europe, Vienna, Austria (www.osce.org)</i> International organization - international public affairs
Dates	<i>September 2002 – March 2004</i>
Occupation or position held	Professor Assistant
Main activities and responsibilities	Lecturer for the following courses/seminaries on undergraduate level: <i>Corporate Finance, Economics for Managers, International Economics, Corporate Accounting, Logistics, Transportation Management</i> . Beside the didactic activities related to these courses, I had been involved in different student research programs and in research contracts or projects implementation. I had coordinated undergraduate integrated projects and different student research activities.
Name and address of employer Type of business or sector	<i>Romanian Naval Academy („Mircea cel Batran”), 1stFulgerului Street, Constantza, Romania (www.anmb.ro/eng/)</i> Higher education, training, scientific research
Dates	<i>April 2001 – September 2001 and April 2003 – September 2003 (two different contracts)</i>
Occupation or position held	Finance / Logistic Officer
Main activities and responsibilities	In this position I had been responsible with the financial management of the projects, cash-flow management, budgeting, accountancy, procurement procedures (sourcing) and inventory management in the framework of Odyssey 2001 and Odyssey 2003 project management.
Name and address of employer Type of business or sector	<i>International Institute of Mediterranean Theatre, Marseille,France, (www.institutodelmediterraneo.es)</i> International cultural project
Dates	<i>June 1996 – September 2002</i>
Occupation or position held	Chief of Financial Department (1996-2001)/ General Accountant (2001-2002)
Main activities and responsibilities	Financial/Accounting management (according with IAS), cash management, budget management, contracts management, procurement, financial/accountancy book keeping and statements, ship management and costs management. I had managed the departments of accounting, payroll, finance and logistics.
Name and address of employer Type of business or sector	<i>Romanian Naval Academy, 1st Fulgerului Street, Constantza, Romania</i> Education, training, research

Dates	Since 2010 - present
Occupation or position held	Business consulting / Economic and Financial Adviser
Main activities and responsibilities	Business Consultant and Financial Adviser – I have provided business counseling and consultancy based on economic/financial diagnosis, economic/market studies for different companies. In economic/fiscal legal framework area – I have collaborated with lawyer houses in region. Major clients: <i>Dedeman (Romania), Arpinav (Romania), Midia Shipyard Co (Romania), MTCM (Malta), Dans Oversea Ltd (Malta), IITM (France), RomCrew Consultancy and B2B Sourcing</i>
Name and address of employer	
Type of business or sector	
Education and training	December 2025 Habilitation in Transport Engineering Thesis Title: Smart Port Logistics: Simulation-Based Modeling And Planning Adapted To Risk Dynamics In Multimodal Transport National University of Science and Technology POLITEHNICA Bucharest, Doctoral School in Transports, Transport Engineering, public defending on 10th of December 2025, Ministry of Education and Research Order no. 3279/25.02.2026 November 2025 Professorship and habilitation in Transport Engineering PhD coordinator in professional field 5.5. "Transport, Navigation and Aviation", academic disciplines Logistics and International Transport Systems Certificate of Academic Professorship, № 95/27 November 2025 https://ras.nacid.bg/dissertations-search October 2002 – September 2009 Ph.D. / Distinction „CUM LAUDE” Domain: Economics, Area of researches: International Economics. Thesis Title: „The International Financial Institutions Policies and Strategies for Crisis Prevention in Globalization and Integration Framework” Romanian Academy of Sciences, National Institute of Research in Economics, Bucharest, Romania (www.ince.ro, http://www.academiaromana.ro/def2002eng.htm) September 2017 – December 2017 Postgraduate studies in Educational Sciences, Certificate in Educational Management National University of Defense "Carol I", Bucharest, Romania (www.unap.ro) September 2001 – September 2002 Master in Science, M.Sc. in Management of Transports, Free Zones and Stock Businesses Transportation management, import-export operations, logistics chain, global economy, EU policies in transport, infrastructure and environment, stock markets, transactions Title of Graduation Thesis: <i>EU's strategic misalignments in transportation policies</i> Romanian Naval Academy, 1st Fulgerului Street, Constantza, Romania (www.anmb.ro) September 1996 – September 2001 Bachelor in Applied Sciences (BAS), B.Sc. in International Economic Affairs Specialization - <i>Management of International Economic Affairs</i> Title of Graduation Thesis: <i>Financial issues and investment policies in naval industry. Study case on a shipbuilding business.</i> "Constantin Brancoveanu" University, Romania (http://www.univcb.ro/) August 1997 – December 1997 Diploma – postgraduation course Post graduation studies: Diploma in Finance Staff College, Finance and Logistics College, Bucharest, Romania (www.unap.ro) August 1991 – August 1995 Bachelor in Applied Sciences (BAS), B.Sc. in Military Sciences, IT and Communications Specialization – ITC Military Institute, Sibiu, Romania (www.armyacademy.ro)

**Other courses/
Training modules/
Certifications**

-June 1997, *Port Security Management*, USA Cost Guard, Constanța, Romania
 -February 1998, *SICOB Higher Education Informatics Management*, Bucharest, Romania
 -May 2008, *Project Management*, University of Bucharest, Romania
 -April 2010, *Curricula Development in Higher Education*, (DOCIS EU project) Bucharest, Romania
 -September 2010, *Quality Management in Higher Education*, by Bureau Veritas, Romania
 -February 2011, *Crisis Management*, (under Ro-No-Mar EU project) Aalesund College, Norway
 -October 2011, *Risk Management*, Russe University, Bulgaria
 -June 2013, *Didactic Techniques Applied in Teaching of Economic Sciences*, Constanta, Romania
 -December 2013, *Distance Learning Programs Management*, Cluj Napoca, Romania, organized by ARACIS – Romanian Agency for Quality Assurance In Higher Education
 -April 2014, *Internal Auditor Course on Quality Management Systems (ISO 9001:2008)* – British International Standards, BSI, on Higher Colleges on Technology, Abu Dabi, UAE
 -November 2014, *Internal Auditor Course on Risk Management Systems (ISO 20013)* – British International Standards, BSI, on Higher Colleges on Technology, Abu Dabi, UAE
 -Mai 2017, *Project management (certificate)* – Romanian Chamber of Commerce and Trade
 -June 2017, *Trainer (certificate)* – Romanian Chamber of Commerce and Trade
 -October 2017, „*Maritime Security Challenges for the European Union*” strategic level course developed by European Security and Defence College (ESDC) , Spanish Centre for Strategic Studies (CESEDEN), National Defence College and National College of Internal Affairs (Romania).
 -September-December 2017, *Certificate in Educational Management* – National University of Defense, Bucharest, Romania
 -December 2020, *Certificate of Training EU Funding for the Security and Defence Sector*, European Security and Defence College, by Ernst&Young BAS, Brussels, Belgium
 -April 2024, *Certificate for small boat maneuvering, C&D class of boats*, Romanian Naval Academy

**Personal skills and
competences**

MODELLING SKILLS

-March 2026, **Certificate in anyLogistix – Supply Chains Modelling Software**, AnyLogic Company, Simwell, UK
 -June 2025, **Certificate ASAP -Atomistic Simulation Advanced Platform Advanced tools** for ab initio materials modeling Developed by SIMUNE Atomistics
 -November 2020, **Certificate in AnyLogic Multimethod Modelling Software**, DSE Consulting, UK, <https://the.anylogic.company/certs/?hash=n76T4cCJ>
 -March 2020, **Certificate in Business Process and Decision Modelling**, Hasso Platner Institute, Potsdam, Germany
 -March 2012, **Renewable Energy Development – GNOME & ADIOS2 modelling tools**, (under RES EU project) Constanta, Romania
Personal development courses in Higher Colleges of Technology, Abu Dhabi, UAE, Business Faculty:
 - ePortfolios in BBLearn (April 2014); iBooks Authorship (April 2014); QMS 9001-2008 in Higher Education; Quantitative Research methods (January 2015)

Mother tongue(s)
Other language(s)

Romanian

English

Certificated in English Language under STANAG standard as 3-3-3-3 level

Self-assessment

European level

English

Russian

Social skills and competences

**Organizational skills and
competences**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2 High experience	C2 High experience	C2 High experience	C2 High experience	C2 High experience
A2 Intermediate	A2 Intermediate	A2 Intermediate	A2 Intermediate	A2 Intermediate

Maximum adaptability and flexibility, full availability and full commitment in all personal overtaken actions, tasks and engagements, as responsible decision maker; capacity to work efficiently under stress, pressure and tough environment, on sustainable effort, physically demanding, cross cultural understanding, flexibility and adjustment.

Decision taking skills, team leadership, managerial abilities in multicultural and cross-cultural environment, conflict moderation skills, communication skills within international environment, interdisciplinary approach, social bias and team player attitude.

Technical skills and competences	Quality management knowledge (QMS), Production analysis and Logistics, Accounting and Finance expertise and abilities, Logistics skills, Electronics, Mechanics, Automation knowledge, Environment matters knowledge.
Computer skills and competences	Programmer of databases in Access and FoxPro languages, operator for different other databases programs, hardware knowledge, Microsoft Office package, Microsoft Project Management, skills in computer and network maintenance (hard and soft), php and web pages developer, strong knowledge regarding Accounting –Peachtree software or databases programs (including ERP - SAP and CRM, EDI or other modules used in Administration, Operations Management and Logistics.
Driving licence(s)	Driving license B and C categories
Main Academic Achievements	Project management and research - director for 1 national grant /4 international grants and member in other 14 international /national projects, financed from European Union funds - expert in project implementation according to PMBOK rules, standards and regulations; 2. Institutional accreditation management - member in accreditation boards on institutional level – most relevant accreditation passed has been overtaken by European University Association; 3. Quality management in education - member in Naval Academy Quality Assurance Committee - QMS implementing expert (ISO9001/2015, Risk Management, Business Continuity, internal quality auditor); 4. Distance Learning Education - the greatest achievement was the implementation of Advanced Distributed Learning environment for part time education and for distance learning (on MOODLE platform adl.anmb.ro); 5. Academic International Cooperation and Academic Marketing - promoter for institutional partnerships across Europe/China/US/Canada and coordinator for EU Erasmus+ program students and staff exchanges (Provost for International Programs of the Romanian Naval Academy); 6. Student services - counseling and carrier adviser - developing a job platform in port area for students, on EU projects (http://practicainovativa.ro, https://www.anmb.ro/practica-cybersecurity); 7. Curriculum development - responsible with two academic programs curriculum development and with an international master program degree (in partnership with Lille University). 8. Expert in teaching strategies and methods: project based learning, LBD techniques, blended learning, distance learning, high skills in BB Learning environment, MOODLE or other educational technologies. 9. Scientific Research and publishing work: 21 books/monographies, more than 100 publications, 30 projects as team member or project director, more than 50 conferences attended as presenter/ guest lecturer. 10. Course director – „Maritime Security Challenges for the European Union” strategic level course developed by European Security and Defence College (ESDC), Spanish Centre for Strategic Studies, National Defence College and National College of Internal Affairs (Romania), 2017, 2019, 2021, 2022, 2024 Editions.
Medals, Awards	- Medal of Honour for Service, Organization for Security and Cooperation, Medal #323/2004; - Honorific Sign for Officers in Military Service, M105/20.09.2017, for 25 years of service; - Navy Emblem of Honour, E.O.F.N. 241/08.08.2017 for valuable contributions in Naval Academy national and international academic recognition; - Military Service Badge of Honour, F.N.D. 09/02.08.2018 for valuable contributions in education; - Defence Staff Badge of Honour 3rd Class, S.P.D. 42/17.07.2020 for valuable contributions in education; - Medal of Honor for Military Sciences, for contributions in scientific research in Economics, Ministry of Defence, Decision M.P. 1296/29.11.2021;
Websites	- Defence Badge of Honour 2nd Class, S.P.D. 82/05.10.2022 for valuable contributions in education; - Veteran in Military Operations, Ministry of Defence, Decision M.V.O. nr.1/2021; - Armed Forces Badge of Honor, Ministry of Defence, Decision M.P. nr. 787/04.11.2024. Web of Science Researcher ID: KAL-8706-2024; Scopus ID 56275771200 https://www.researchgate.net/profile/Catalin_Popa2 https://orcid.org/0000-0002-4419-7867 https://scholar.google.com/citations?user=3aJZx08AAAAJ&hl=ro www.linkedin.com/in/popa-catalin https://www.anmb.ro/eng/files/structura/conducere/index.html
Annexes	Scientific Resumate

SCIENTIFIC RESUMATE

Dr. Catalin POPA, Associate Professor



(https://www.researchgate.net/profile/Catalin_Popa2)

(<https://orcid.org/0000-0002-4419-7867>)

([Web of Science ResearcherID: KAL-8706-2024](#))

([Scopus ID 56275771200](#))

(<https://scholar.google.com/citations?user=3aJZx08AAAAJ&hl=ro>)

(<https://www.anmb.ro/eng/files/structura/conducere/index.html>)

(<https://anmcb.academia.edu/CatalinPopa>)

(www.linkedin.com/in/popa-catalin)

(<http://www.emilyo.eu/node/158>)

(<https://www.brainmap.ro/catalin-popa>)

(<https://sciprofiles.com/profile/CatalinPopa>)

1. Habilitation in Transport Engineering (UPB)/ Transport, Navigation and Aviation (NVNA)

Popa, C., *Smart Port Logistics: Simulation-Based Modeling And Planning Adapted To Risk Dynamics In Multimodal Transport*, National University of Science and Technology POLITEHNICA Bucharest, Doctoral School in Transports, Transport Engineering, public defending on 10th of December 2025, Ministry of Education and Research Order no. 3279/25.02.2026 (link: [Logistică portuară inteligentă](#)).

Popa, C., *Interdisciplinary approaches in modelling the maritime transportation and port operation processes. Contemporary trends and challenges in naval and port logistics*, Bulgarian Naval Academy "Nikola Y. Vaptsarov", Faculty for Navigation, Faculty for Navigation, PhD coordinator in professional field 5.5. "Transport, Navigation and Aviation", academic disciplines Logistics and international Transport Systems, Certificate of Academic Professorship, № 95/27 November 2025, ([Portal for Electronic Administrative Services](#))

2. Ph.D. Thesis

Popa, C., *The International Financial Institutions Policies and Strategies for Crisis Prevention in Globalization and Integration Framework*, National Institute for Research in Economics, Romanian Academy of Sciences; Scientific coordinator: Prof. Lucian C. Ionescu, 2002-2009, public dissertation on 15th of November 2009, entitled by Ministry of Education through Ministry Decision no. 3492/23.03.2010 (<http://www.cnatdcu.ro/wp-content/uploads/2011/09/ordin-nr.-3492-din-2010.pdf>).

3. Reference books/chapters edited in accredited publishing houses

2.1. Toma A., Lupu S., **Popa, C.**, Mickiene R., Albayrak T., Ozdemir P., Dimitrov G., Kluczik, Dimitrov N., (2025). *Study of Maritime Simulators Network for Enhancing the Naval Education*, Naval Academy Publishing House, "Naval Transportation" Collection, Constanta, Romania, 2026, ISBN 978-606-642-332-8, 301 p (English language edition).

2.2. Nistor F., **Popa, C.**, Toma A. (2025). *Port Management: Innovation, Performance and Competitiveness*, Naval Academy Publishing House, "Naval Transportation" Collection, Constanta, Romania, 2025, ISBN 978-606-642-327-4, 144 p.

2.3. Lupu S., Pocora A., **Popa C.** (2025). *Laboratory Booklet: „Astronomy Observer”*, Naval Academy Publishing House, "Naval Transportation" Collection, Constanta, Romania, 2025, ISBN 978-606-642-326-7.

2.4. Atodiresei D., Nedelcu A.T., Dumitrache L., **Popa C.**, Dyrch C., Mitishev I., Toma A., Cristea O. (2025). *Meteorology and Oceanography*, Naval Academy Publishing House, "Naval Transportation" Collection, Constanta, Romania, 2025. ISBN 978-606-642-317-5 (English language edition).

2.5. **Popa C.**, Atodiresei D., Toma A., Lupu S., Cucu M. *Project Management in Naval Industry. Laboratory Booklet*. Naval Academy Publishing House, "Naval Transportation" Collection, Constanta, Romania, 2025, ISBN 978-606-642-318-2.

2.6. Locaitiene V., (coord.), **Popa, C.**, Atodiresei, Zukauskaite A., Mickiene R., (2024). *Marine Environment Issues In Port Operations*, Naval Academy Publishing House, “Naval Transportation” Collection, Constanta, Romania, 2024, ISBN 978-606-642-278-9, 146 p. (English language edition).

2.7. Apetroaei, R.M., (coord.), **Popa, C.**, Cotorcea, A., Atodiresei, D., Perkovich, Zukauskaite A., Albayrak, T., Pocora, A., (2023). *Applied Chemistry to Prevent Marine Pollution*, Naval Academy Publishing House, “Naval Transportation” Collection, Constanta, Romania, 2023, ISBN 978-606-642-263-0, 129 p. (English language edition).

2.8. Atodiresei, D. (coord.), **Popa, C.**, Nicolae, F., Apetroaei, R.M., Perkovich, M., Toma, A., Albayrak, T., Mickiene, R., (2022). *Tutorial Handbook for Using Professional Software in Modelling the Marine Pollution Dynamics. Case Study on GNOME and ADIOS Software*, Naval Academy Publishing House, “Naval Transportation” Collection, Constanta, Romania, 2022, ISBN 978-606-642-239-0, 64 p. (English language edition).

2.9. Taner Albayrak (coord.), Atanasova N., **Popa C.**, Demirel E., Ozdemir P., Serban S., Cojocaru L., Nedelcu A., Toma A., Lutzkanova S., (2019). *Leadership and Management of the Differences in the Seafaring Profession*, MENTORESS project, Nikola Vaptsarov Naval Academy Publishing House, Varna, Bulgaria, 2019, ISBN 978-619-7428-39-1, 67 pg. (English language edition).

2.10. **Popa, C.** (coord.), Beizadea, H., Nistor F., (2013). *Port Management*, Naval Academy Publishing House, Economic Collection, Constanta, Romania, 2013, ISBN 978-606-642-039-6, 357 p.

2.11. Mihailov Nicola (Bg. coord.), Samoilescu Gheorghe. (Ro. coord.), Ali B., Nicolae F., **Popa, C.**, et al, (2012). *Renewable Energy Potential and Actual Exploiting Technologies* (Bulgarian language edition: “*Vzobnoviaemi Energhiini Iztociniți I Tehnologhi*”), Primax Printer House, Ruse, Bulgaria, 2012, ISBN 978-954-8675-52-9, 290p. – personal contribution: chapter 7, pg.114-122, chapter 8, pg. 123-132, chapter 12.5, pg. 200-214 (<http://booksinprint.bg/Publication/Details/f2559aa1-4ed0-4188-bb25-279f8d8f57b2>). (English language edition).

2.12. Nicolae, F. (coord.), Samoilescu G., Ali B., **Popa, C.**, (2012). *Renewable Energy Technologies*, Muntenia Printing House, Constanta, Romania, 2012, ISBN 978-973-692-331-9, 231p.

2.13. **Popa, C.**, Ionescu, L.C., (2010). *Financial Institutions Policies within Globalization and Integration Framework*, Naval Academy Publishing House, Economic Collection, Constanta, Romania, 2010, ISBN 978-973-1870-65-6, 289 p.

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6. Research & Development Projects

6.1. International R&D Projects (selective description)

1. *CyberSEA - Increasing Cyber Security at SEA through digital training* (November 2023 - October 2026), partners: Catalunya Politechnical University (ES) - coordinator, Satakunta University of Applied Sciences (FI), Spinaker doo (SL), IDEC (GR), Hellenic Mediteranean University (GR), German Business School (DEU), Maritime Szsceczin University (PL), Center of the Factories of the Future (SW) and Romanian Naval Academy “Mircea cel Batran” as partner - **project initiator, project responsible and researcher** (400.000 EUR). <https://futur.upc.edu/37818304>.

Objectives and results. CyberSEA addresses maritime cybersecurity gaps through advanced digital training programs, aiming to strengthen cyber resilience in the global shipping industry. As project initiator, project responsible, and researcher, the candidate had developed training frameworks for maritime-specific cybersecurity scenarios and coordinated integration of digital tools into partner institutions' curricula. The project is delivering an internationally recognized cybersecurity training program for maritime professionals, including simulation-based threat response exercises. Also, the candidate has contribute to the development of cyberdefence working group consisting in a cyberhub, connecting the cyber laboratories from all 6 partner institutions in one harmonized, high capacity cyber capability.

2. *International Naval Semester Development Applying the Intelligent Technologies and the Innovative Tools in the European Navy Defense System – NAVY-INS-Tech* (November 2023 - October 2025), *KA220 – Cooperation and Innovation for Good Practices in Higher Education*, partners: Italian Naval Academy (IT), Bulgarian Maritime Academy (BG), Polish Naval Academy and Romanian Naval Academy “Mircea cel Batran” as leading institution - **project initiator, project director and researcher** (250.000 EUR). <https://www.anmb.ro/navy-ins-tech>.

Objectives and results. NAVY-INS-Tech focuses on integrating intelligent technologies into naval defense education, enhancing the operational readiness of naval officers through advanced simulation, AI, and decision-support tools. As project initiator, project director, and researcher, the candidate had led the project design and

secured funding and directed development of intelligent simulation modules for naval training and research. The project has produced cutting-edge educational tools incorporating AI for tactical decision-making and operational planning in naval defense contexts.

3. HEALTHY SAILING: Prevention, mitigation, management of infectious diseases on cruise ships and passenger ferries (April 2022 - August 2025), Program: HORIZON-CL5-2021-D6-01-12 - Safe, Action: HORIZON-RIA, Grant HORIZON-AG (Resilient Transport and Smart Mobility services for passengers and goods), project partners: Association, National Technical University Of Athens – Ntua, Panepistimio Thessalias, Universitaetsklinikum Hamburg-Eppendorf, Universitetet I Sorost-Norge, Teknologian Tutkimuskeskus Vtt Oy, Instituto De Salud Carlos Iii, University Of Greenwich, Star Cruises Germany GMBH, Goeteborgs Universitet, Leibniz-Institut Fur Plasmaforschung Und Technologie Ev, MSC Cruises SA, Carnival PLC, and Romanian Naval Academy “Mircea cel Batran” as partner - **project responsible and researcher**, (3.719.000 EUR), <https://healthysailing.eu>.

Objectives and results. HEALTHY SAILING develops science-based strategies and technologies to prevent, detect, and manage infectious diseases aboard passenger ships. It addresses both operational safety and public health resilience in maritime passenger transport. As Project Responsible and Researcher, the candidate had coordinated data collection and analysis on maritime health protocols, contributed to the design of infection prevention measures adaptable to different vessel types and participated in testing and validation of monitoring technologies. The project integrates epidemiological modeling, sensor-based monitoring, and crew training into a comprehensive health management system for maritime passenger services. The candidate has conducted extensive scientific research in area of maritime training, healthy issues onboard ships and diversity management transversal topics, publishing few of these results in high impact journals (<https://doi.org/10.3390/soc15060169>, <https://doi.org/10.3390/admsci15060225>, <https://doi.org/10.1186/s41182-025-00681-0>)

4. Maritime Innovative Integrated Platform Designed for Real Time Intervention and Crisis Management for Coastal and Port Disaster - PLATMARISC, POCU/163/1/3/EU, Contract no. 120201, (November 2022 - November 2024), Operation Program Competitiveness, in partnership with Coremar Co Company, financed by European Regional Funds - project implementation expert and researcher, expert for TRL 1-8 implementation, (1.100.000 EUR).

Objectives and results. PLATMARISC seeks to create an integrated crisis management platform for coastal and port disaster scenarios, enhancing coordination between maritime authorities and emergency responders. As Project Implementation Expert, Researcher, and TRL 1–8 Implementation Expert, the candidate had overseen the development of the platform architecture from concept to near-market readiness, directed integration of real-time data streams from maritime sensors and communication networks. The platform enables rapid, coordinated responses to maritime emergencies, reducing reaction time and improving situational awareness for decision-makers. The candidate had conducted scientific research in area of marine pollution dynamics using GNOME and ADIOS2 and developed the introductory digital twin concept, publishing the results in several high impact articles (<https://doi.org/10.24136/oc.3183>, <https://doi.org/10.3390/logistics9030122>, <https://doi.org/10.3390/su17093770>, <https://doi.org/10.3390/environments12040132>).

5. SEAFarers Experiential Knowledge Based MENTORS - (SeaMENTORS), ERASMUS+, KA220 – Cooperation and Innovation for Good Practices in Vocation Education and Training (December 2021 - November 2023), partners: Bulgarian Naval Academy “Nikola Vaptsarov” (BG), Polish Naval Academy (PL), Lithuanian Maritime Academy (LT), Maritime Innovators (TK), Spinaker coo (SL) and Romanian Naval Academy “Mircea cel Batran” as Leading partner - **project initiator, project director and researcher** (144.000 EUR), <https://seamentors.eu>.

Objectives and results. SeaMENTORS aimed to preserve and transfer experiential knowledge from experienced seafarers to the new generations through structured mentorship programs. The project addressed the loss of tacit knowledge in the maritime sector and promoted intergenerational skill sharing. As Project initiator, project responsible, and researcher, the candidate had coordinated the needs assessment and design of mentorship frameworks, led the development of an online platform connecting mentors and mentees and oversaw training for mentors in effective knowledge transfer techniques. The project produced an innovative mentorship methodology, training resources, and a digital knowledge repository, enabling systematic transfer of operational know-how across

maritime institutions (<https://seamentors.eu>). During the project the candidate had conducted several scientific studies in transversal areas of knowledge in maritime human resources completing the maritime study framework, several of these results collected being published in different journals with significant impact factor (<https://doi.org/10.7225/toms.v14.n03.025>, <https://doi.org/10.21279/1454-864X-25-II-024>, <https://doi.org/10.56080/jms231105>).

6. *Strategic partnership for supporting Blue Growth by enhancing Maritime Higher Education maritime cooperation framework on marine pollution and environment protection field (BLUE4SEAS), Erasmus KA2 – Strategic partnerships Erasmus – Financing Contract 2020-1-RO01-KA203-080388* (November 2020 - November 2022), partners: PiriReis University (Turkey), French Maritime Academy (France), University of Ljubljana (Slovenia), Lithuanian Maritime Academy (Lithuania) and Romanian Naval Academy “Mircea cel Batran” as Lead Partner - **project initiator, institutional responsible and researcher** (130.000 EUR), <https://www.anmb.ro/blue4seas>.

Objectives and results. BLUE4SEAS aimed to strengthen the role of maritime higher education in addressing marine pollution and environmental challenges by building a sustainable cooperation framework among leading maritime institutions. The project aligned with the EU’s Blue Growth strategy, promoting sustainable use of ocean resources for economic growth while safeguarding marine ecosystems. Its focus was on enhancing curricula, integrating environmental protection modules, and fostering collaborative research to address real-world maritime environmental risks. The project involved a high-level partnership between five maritime education institutions from Turkey, France, Slovenia, Lithuania, and Romania. The collaborative framework encouraged cross-border knowledge exchange, integration of European best practices, and harmonization of academic standards in the marine pollution field. As project initiator, project responsible, and researcher, the candidate had designed the project concept and led the successful application process as Lead Partner, coordinated the entire transnational partnership, ensuring compliance with Erasmus+ regulations, directed research on marine pollution case studies, contributing to curriculum design and supervised the development of e-learning modules and digital collaboration tools for students and educators. The project resulted in the creation of an innovative educational cooperation model and a comprehensive set of teaching materials integrating marine environmental protection topics. A virtual collaboration platform was launched to enable joint research and student projects (<https://www.anmb.ro/blue4seas/Elearning.html>), thus extending the impact beyond the project’s official duration. The partnership’s outputs are now used as references in policy consultations on maritime environmental education within the EU framework. During the project, the candidate has developed as co-author scientific article/studies in area of port management and navigation, achieving relevant proficiency in GNOME and ADIOS2 modelling and simulation, as well as in Cargo handling simulation using the profiled simulator in the Naval Academy (https://www.researchgate.net/publication/388448005_Marine_Environment_Issues_in_Port_Operations, https://www.researchgate.net/publication/388448389_Tutorial_Handbook_for_Using_Professional_Software_in_Mo [delling_the_Marine_Pollution_Dynamics_Case_Study_on_Gnome_and_Adiros_Software](https://www.researchgate.net/publication/357049195_Scientific_joint_articles_for_BLUE4SEAS_dissemination), https://www.researchgate.net/publication/357049195_Scientific_joint_articles_for_BLUE4SEAS_dissemination).

7. *Simulation of Sea Accidents For Effective Responses (SeaSAFERS), Erasmus KA206 – Strategic partnerships for Digitalization – Financing Contract KA226-40FB93AB*, (May 2021 - April 2023), partners: Lithuanian Maritime Academy (LT), Maritime Innovators (TK), Ecola Superior Nautica Infante D. Henrique (PT), IDEC SA Consulting for High Technology Applications and Education (GR), Bulgarian Naval Academy “Nikola Vaptsarov” (BG) and Romanian Naval Academy “Mircea cel Batran” - **project initiator, implementation expert and researcher**, (244.810 EUR), <http://seasafer.com>.

Objectives and results. SeaSAFERS was designed to improve maritime accident preparedness through advanced simulation-based training. The project aligned with the International Maritime Organization’s emphasis on realistic, scenario-based safety training. The multi-country partnership brought together maritime academies, technology providers, and training specialists to design interoperable digital simulation platforms in regard of maritime risks and incidents. As Project initiator, implementation expert, and researcher, the candidate had led the development of simulation scenarios reflecting real-life accident conditions, directed research into pedagogical effectiveness of simulation-based training and coordinated integration of tools into maritime academy curricula. The project created an innovative digital online platform incorporating realistic sea accident simulations, significantly

enhancing emergency response preparedness, dedicated for maritime professionals. Outputs have been integrated into partner institutions' training programs and shared at international maritime safety conferences. During this project, the candidate had developed high level skills in maritime risks assessment, including modelling in Anylogic software, agent/population based simulation. The idea of a digital twin integrated platform for Smart Port governance has been consolidated during this project. In the habilitation dissertation, several scientific methods and results have been valued, in regard of port operations risks assessment, for different cargo, together with the environment incidents study using GNOME and ADIOS2 software – these results are on the basics of few published articles in high impact journals (<https://doi.org/10.3390/logistics9030079>, <https://doi.org/10.3390/systems13060429>).

8. *Romanian - Norwegian Strategic Cooperation in Maritime Higher Education for enhancement human capital and knowledge base in field of marine intelligent technologies - (MARINETECH), EEA Grants* (July 2021 - June 2023), partners: Norwegian University of Science and Technology and Romanian Naval Academy “Mircea cel Batran” as Lead partner - **project initiator, implementation expert and researcher** (144.000 EUR), <https://www.anmb.ro/marintech>.

Objectives and results. MARINETECH aimed to strengthen institutional capacity in marine intelligent technologies by fostering academic cooperation and joint research between Romania and Norway. The initiative supported sustainable maritime innovation, contributing to the development of smart ship systems, intelligent navigation, and automation in maritime operations. This bilateral partnership capitalized on Norway's expertise in maritime innovation and Romania's growing research capabilities, creating a robust platform for joint technological advancements. As Project Initiator, implementation expert, and researcher, the candidate had led the project concept design and coordinated the Romanian implementation team, directed collaborative research on intelligent maritime systems and facilitated exchange programs for faculty and students to engage in applied R&D. The project delivered joint research studies, prototype designs, and academic curricula modules in marine intelligent technologies. The collaboration resulted in sustained academic and research links between both institutions, with ongoing joint publications and follow-up project proposals, contributing to the consolidation for digital twin concept development in the future Smart Ports concept, to use the intelligent technologies and sensors captures, from marine and maritime environment (<https://repository.am.szczecin.pl/handle/123456789/2851>).

9. *Maritime Simulators and Training Facilities Network for Enhancing the Exchange of Good Practices and Digital Learning – (MARS-NET), ERASMUS+, KA220 – Cooperation and Innovation for Good Practices in Vocation Education and Training* (December 2021 - November 2023), partners: PiriReis University (TK), Bulgarian Naval Academy “Nikola Vaptsarov” (BG), Polish Naval Academy (PL), Lithuanian Maritime Academy (LT) and Romanian Naval Academy “Mircea cel Batran” as Leading partner - **project initiator and researcher**, (207.970 EUR), <https://www.anmb.ro/marsnet>.

Objectives and results. MARS-NET sought to interconnect maritime simulation centres across Europe, enabling the exchange of best practices and the joint development of digital maritime training content. The initiative contributed to the modernization of maritime vocational training and the harmonization of simulation standards. The project linked simulation facilities from four EU countries, establishing a transnational network for collaborative training and scientific research. As project initiator and researcher, the candidate had designed the project framework and coordinated transnational activities, led the identification of common simulator training and assessment standards and supervised the creation of a shared digital platform for simulation-based learning (<https://www.anmb.ro/marsnet/elearning.html>). MARS-NET produced a functional networked training and research environment, standardized simulator exercises, and a repository of digital learning modules accessible to partner institutions in maritime domain. During the project, the candidate worked out several models for port and maritime operations, publishing several articles in high impact journals (<https://doi.org/10.20858/sjsutst.2024.124.11>, <https://doi.org/10.21279/1454-864X-22-I2-011>).

10. *Maritime Education Network to Orient and Retain Women for Efficient Seagoing Services (MENTORESS), Erasmus KA2 – Strategic partnerships Erasmus – Financing Contract 2017-I-TR01-KA203-045739* (November 2017 - November 2019), partners: PiriReis University (Turkey), Polish Naval Academy (Poland), Bulgarian Naval Academy (Bulgaria) and Romanian Naval Academy “Mircea cel Batran” - **project initiator, project responsible and researcher**, (130.000 EUR), <https://www.pirireis.edu.tr/what-is-mentoress>.

Objectives and results. The MENTORESS project aimed to address the underrepresentation of women in the maritime sector by creating a structured network of educational and professional support. Its primary goal was to design, implement, and promote targeted mentoring, orientation, and retention programs to support women pursuing careers in seagoing services. By fostering gender inclusivity in maritime education, the project contributed directly to the EU's strategic goals on diversity, equal opportunities, and sustainable maritime workforce development. This initiative involved collaboration among four prominent maritime academies from Turkey, Poland, Bulgaria, and Romania. The transnational partnership facilitated the sharing of best practices, harmonization of training standards, and creation of an intercultural mentoring framework adaptable to different national maritime contexts. As project initiator, project responsible, and researcher, the contributions encompassed: designing the overall project concept and securing Erasmus+ KA2 funding, leading the Romanian Naval Academy's implementation strategy, coordinating research on gender-specific challenges in maritime education and overseeing the creation of digital and face-to-face mentoring programs. As outcomes and impact the project delivered a comprehensive mentoring toolkit (<https://marplat.eu/course/index.php?categoryid=23>), an online platform for mentor-mentee interaction, and tailored training modules addressing both technical skills and soft skills relevant to maritime careers. Research findings from the project informed institutional policy changes to better support female students in maritime disciplines. As a result, the participating institutions reported an increase in female enrolment and retention rates, setting a benchmark for gender mainstreaming in maritime education. Not in the last, as personal contribution, the candidate had developed and launched the project results platform <https://marplat.eu>, that encompass at the present the project implementation results.

11. Romanian - Bulgarian joint cooperation for a long-term and sustainable development of the young human resources in the field of the renewable energy technologies, in order to overcome the socio-cultural barrier and to open common opportunities for getting a job and their employment along the cross - border area, Project no. 2(3i)-3.2-4, MIS-ETC code 222, financed by European Regional Development Fund within Romania-Bulgaria Cross-Border Cooperation Programme 2007-2013. In this project the candidate had coordinated the project implementation, carrying out the RET course organization, designing the curricula and professional standards development for jobs in renewable energy sector and overtaken a knowledge network in RET in Romanian-Bulgarian area - **steering committee member, researcher and project implementation expert** (980.000 EUR). The project has been awarded with RINNO PRIZE, section „*The most innovative educational and cultural partnership for Cross-border Programme*” by Ministry of Education and Scientific Research and By the Romanian Research Agency in 2015.

Objectives and results. This project was designed to support the long-term and sustainable development of young human resources in the field of renewable energy technologies (RET) across the Romanian–Bulgarian cross-border region. Its central goal was to overcome socio-cultural barriers, improve cross-border employability, and open shared job opportunities in the renewable energy sector. The initiative was directly aligned with EU policy priorities on sustainable energy, regional integration, and workforce development. The project fostered deep bilateral collaboration between Romanian and Bulgarian stakeholders, creating a shared educational and professional framework for RET. This involved joint training, standardization of qualifications, and coordinated capacity building across both sides of the border. As steering committee member and project implementation expert, the candidate had coordinated the project's overall implementation and ensured compliance with programme requirements, had organized Renewable Energy Technology (RET) training courses targeting young professionals, designed the RET curricula and developed professional standards for sector-specific jobs and had led the establishment of a Romanian–Bulgarian knowledge network in RET to sustain cooperation beyond the project's lifetime. The project produced an accredited RET curriculum, a set of occupational standards, and a cross-border professional network linking young specialists and employers in the renewable energy field. Its innovative approach to education and cultural partnership was recognized with the RINNO prize (2015) in the category “The Most Innovative Educational and Cultural Partnership for Cross-Border Programme” awarded by the Ministry of Education and Scientific Research and the Romanian Research Agency. During this project, the candidate got proficient in RETSCREEN, GNOME and ADIOS software modeling, participating to the instructing course elaboration and further to the training program delivered to the target group.

12. *Norwegian and Romanian Maritime Project- RoNoMar*, International Contract financed by European Union (Framework Programme - FP7), Partners: „Mircea cel Batran” Naval Academy, Aalesund Knowledge Park (Norway), Maritime University Constanta and University College of Aalesund (Norway) – **researcher and implementation expert** (1.280.000 EUR).

Objectives and results. RoNoMar was conceived to strengthen maritime cooperation between Norway and Romania by fostering innovation, knowledge transfer, and capacity building in maritime higher education and research. The project aimed to integrate advanced maritime training methodologies, promote cross-border research collaboration, and enhance the competitiveness of maritime industries in both countries. Its objectives aligned with EU FP7 goals of promoting transnational R&D cooperation and supporting knowledge-based economic growth in the maritime sector. The consortium combined Norwegian expertise in maritime operations, ship design, and innovation ecosystems with Romanian strengths in naval education and applied maritime research. This partnership enabled direct exchange of knowledge, staff mobility, and the co-development of educational and technological solutions for the maritime sector. As researcher and implementation expert, the candidate contributed to economic analysis of maritime industry trends relevant to project objectives, participated in research on innovative maritime training methodologies and supported the development of joint Romanian–Norwegian educational and industry-oriented activities. RoNoMar resulted in the design and implementation of collaborative research programs, the creation of joint training resources, and enhanced institutional links between Romania and Norway. The project facilitated knowledge exchange, generated applied research outputs relevant to industry needs, and strengthened both countries’ positions within the European maritime innovation landscape.

6.2. National R&D Projects (selective description)

1. *SOL-2024 - 21 - IMINT for Black Sea, borders and mines (SOL-2024 - 21 - IMINT pentru Marea Neagră, frontiere, mine), Project no. PN-IV-P6-6.3-SOL-2024-0124* (July 2024 - July 2026), partners: National University of Science and Technology Politehnica Bucharest (coordinators), Military Technical Academy Ferdinand I Bucharest, Romanian Space Agency, Intergraph Computer Service, Transilvania University Brasov and Romanian Naval Academy “Mircea cel Batran” as partner - researcher (1.400.000 EUR). <https://sites.google.com/view/imint21>.

Objectives and results. This project aims to develop advanced imaging intelligence (IMINT) technologies for maritime surveillance, focusing on the Black Sea’s border security and mine detection challenges. As researcher, the candidate had contributed to R&D of maritime-specific IMINT algorithms and participated in integration of satellite and aerial imaging data into operational systems. The project is advancing Romania’s capability in maritime domain awareness, with applications for defense, border control, and environmental monitoring. During the project, the candidate contributed with valuable modelling studies, published in high impact factor journals (<https://doi.org/10.3390/su17093770>, <https://doi.org/10.3390/environments12040132>, <https://doi.org/10.3390/environments12040132>).

2. *Work placements for students for enhancing the graduates’ competencies and abilities in economic sectors with high competitive potential – practical stages for Naval and Port Engineering and Management students*, POCU/626/6/13/EU, Contract no. 133383, (November 2020 - November 2022), Sectorial Program for Human Competitiveness supported by structural project cohesion policy in human resources, in partnership with *New Wave Foundation*, financed by European Social Fund - project implementation expert, (350.000 EUR), <https://www.practicainovativa.ro>.

Objectives and results. This project aimed to bridge the gap between academic training and industry requirements by facilitating structured work placements for students in high-potential economic sectors, including maritime, logistics, and related industries. The initiative directly supported the EU’s cohesion policy on human resources by improving the employability and adaptability of graduates in a competitive labor market. Although implemented nationally, the project benefited from industry networks with strong European linkages, ensuring that work placements met high-quality training standards. As project implementation expert the candidate had designed and implemented student-industry matching mechanisms, supervised internship program quality and compliance with EU guidelines and led stakeholder engagement with industry partners to ensure alignment with sector needs. The project delivered measurable improvements in graduates’ professional readiness, with over 300 students

completing placements in relevant industries. Research outputs included competency mapping frameworks and a toolkit for higher education institutions to replicate the model.

3. *Advanced CYBER! Building a Safer Future*, POCU/626/6/13/EU, Contract no. 133334, (November 2020 - November 2022), Sectorial Program for Human Competitiveness supported by structural project cohesion policy in human resources, in partnership with the Romanian-American University, financed by European Social Fund - project implementation expert, IT expert and career counselling expert, (410.000 EUR), <https://www.anmb.ro/practica-cybersecurity>; <https://practica-cybersecurity.rau.ro>.

Objectives and results. The project addressed the growing need for cybersecurity awareness and professional skills in the context of an increasingly digitized maritime and public administration sector. It aimed to equip students with the competencies necessary to secure digital infrastructures, thereby contributing to national and European cybersecurity resilience strategies. As project implementation expert, the candidate had developed and delivered cybersecurity awareness modules tailored to maritime and cross-sector contexts, provided career counselling to align participants' skills with cybersecurity job market demands and coordinated training delivery and assessment. The project produced a comprehensive set of cybersecurity training materials, career guidance resources, and certification pathways, directly contributing to workforce preparedness in the digital economy.

4. *Post graduation Adapted Curricula in Logistics and Supply Chain Management Tailored for Navy (NATO) Requirements*, financed by Romanian Government within the Research Plan of National Ministry of Defence – Project No. 138/2016 – DNC A14691/2015, developed in period of 2015-2016 - project director.

Objectives and results. This project aimed to design a specialized post-graduate curriculum in logistics and supply chain management, tailored specifically to meet NATO operational and interoperability standards for naval forces. Its strategic goal was to ensure that Romanian Navy logistics personnel possess advanced skills compatible with NATO doctrine, improving mission readiness, supply efficiency, and multinational coordination capabilities. By aligning with NATO's logistics and supply chain frameworks, the project supported Romania's commitments as a NATO member state, enhancing both national defense capabilities and integration into allied operations. As project director, the candidate had led the design and development of the curriculum framework, ensuring alignment with NATO standards, had coordinated subject matter experts from logistics, military operations, and supply chain management fields and oversaw the integration of practical case studies and simulation-based training tools into the curriculum. The project delivered an accredited post-graduate program (master degree in Management of Logistics Systems, Naval Engineering and Management), complete with specialized training modules, operational planning tools, and assessment methods reflecting NATO's logistic requirements. As result, the curriculum is now part of the Romanian Naval Academy's educational offer and serves as a reference for similar programs in allied naval education institutions.

5. *Solutions for PISCES II Software Implementation in Education and Research*, financed by Romanian Government within the Research Plan of National Ministry of Defence – Project No. PSCD 153/2016 – DNC A14691/2015, developed in period of 2015-2016 - researcher.

Objectives and results. This project aimed to adapt and implement the PISCES II (Personal Identification Secure Comparison and Evaluation System) software for use in both educational and research contexts. Originally developed for advanced border control and maritime security applications, the integration of PISCES II into academic programs was intended to enhance student competencies in maritime domain awareness, data management, and operational decision-making. The initiative was directly aligned with NATO and national security priorities, ensuring training compatibility with operational standards. By embedding operational security software into naval education, the project bridged the gap between defense technology applications and academic instruction, enabling real-time simulation and analysis of security scenarios in a controlled environment. As researcher, the candidate had contributed to the technical adaptation of PISCES II for educational and research purposes, participated in designing training modules and simulation exercises using the software and assisted in developing evaluation methodologies for student performance in PISCES II-based scenarios. The project successfully integrated PISCES II into the Romanian Naval Academy's training infrastructure, enabling students and researchers to work with operational-level security tools. This not only improved practical training quality but also enhanced the institution's capacity to contribute to applied research in maritime and border security.

6. *SIMEN – Integrated Solution for Gas Emissions Monitoring*, financed by Romanian Government within the Research Plan of National Ministry of Defence – Project No. PSCD 143/2016 – DNC A14691/2015, developed in period of 2015-2016 - researcher.

Objectives and results. The SIMEN project was developed to design and implement an integrated solution for monitoring gas emissions in maritime and defense contexts. Its aim was to provide accurate, real-time data on gaseous pollutants to support environmental compliance, operational safety, and preventive maintenance strategies for naval vessels. The project also addressed Romania's commitments to international environmental regulations such as MARPOL Annex VI on the prevention of air pollution from ships. This initiative strengthened the national defense sector's capability to conduct precise emissions monitoring and supported the integration of environmental protection measures into military operations. The system's dual-use potential also positioned it as a valuable tool for civilian maritime and industrial applications. As researcher, the candidate had participated in the specification and validation of system requirements for maritime environments, contributed to the design and integration of sensor arrays and data acquisition modules and assisted in the development of data analysis protocols to interpret emissions profiles and trends. The project resulted in a functional prototype of an integrated gas emissions monitoring system suitable for naval and maritime use. It provided both technical and procedural frameworks for environmental compliance monitoring, enhancing the Romanian Navy's capacity for sustainable operations.

7. *Wave Hydro Plant*, financed by Romanian Government within PNCDI II (Romanian National Research and Development Plan 2007-2013) – Financing contract no. 21-001/10.09.2007- developed in period of 2007-2009 - researcher.

Objectives and results. The project aimed to design, develop, and test a wave energy conversion system capable of producing renewable electricity from marine environments. It supported Romania's strategic objectives in diversifying renewable energy sources and reducing dependency on fossil fuels, while contributing to EU energy transition targets. The project was also relevant to coastal engineering, offshore energy systems, and sustainable maritime infrastructure development. Conducted under the PNCDI II program, the project brought together marine engineers, hydrodynamics experts, and economists to address the technical, environmental, and economic viability of wave energy installations along Romania's Black Sea coast. As researcher the candidate had conducted feasibility studies assessing economic sustainability and cost-benefit ratios for wave power plants in Romanian waters, had contributed to the design parameters by integrating economic efficiency considerations with technical specifications and participated in evaluating prototype performance under simulated and real marine conditions. The project produced prototype designs for a wave hydro plant tailored to the Black Sea's hydrodynamic profile, supported by detailed economic models for commercial deployment. Its findings provided a scientific foundation for further R&D in marine renewable energy in Romania, influencing subsequent national energy strategies.

6.3. Institutional EU projects - Erasmus+ KA1 program, project coordinator for following contracts:

5.1. Erasmus+ program KA103, Academic exchanges, project coordinator – Financing Contract 2016-1-RO01-KA103-023182 (July 2016 - September 2017), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator (https://www.erasmusplus.ro/library/Rezultate_selectie_KA103_2016.pdf), (322.000 EUR).

5.2. Erasmus+ program KA103, Academic exchanges, project coordinator – Financing Contract 2017-1-RO01-KA103-035950 (July 2017 - September 2018), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2017/KA2/KA2_universitar_27iulie2017.pdf), (402.000 EUR).

5.3. Erasmus+ program KA103, Academic exchanges, project coordinator – Financing Contract 2018-1-RO01-KA103-047430 (July 2018-September 2019), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2018/V2_Rezultate_selectie_KA103_2018.pdf), (410.000 EUR).

5.4. Erasmus+ program KA107, Academic exchanges, project coordinator – Financing Contract 2018-1-RO01-KA107-048391 (July 2018 - September 2020), European Commission program for academic exchanges with partner countries in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2018/Rezultate_selectie_KA107_2018.pdf), (8.000 EUR).

5.5. Erasmus+ program KA103, Academic exchanges, project coordinator – Financing Contract 2019-1-RO01-KA103-047430 (July 2019 - September 2021), European Commission program for academic exchanges,

strategic partnerships and inter-institutional cooperation in fields of research, teaching or training, Institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2019/Rezultate_selectie_KA103_2019.pdf), (400.000 EUR).

5.6. Erasmus+ program KA107, Academic exchanges, project coordinator – Financing Contract 2019-1-RO01-KA107-063003 (July 2019 - September 2021), European Commission program for academic exchanges with partner countries in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2019/Rezultate_selectie_KA103_2019.pdf) (80.000 EUR).

5.7. Erasmus+ program KA103, Academic exchanges, project coordinator – Financing Contract 2020-1-RO01-KA103-078271 (July 2020 - September 2022), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2020/Rezultate_selectie_KA103_2020.pdf), (487.000 EUR).

5.8. Erasmus+ program KA107, Academic exchanges, project coordinator – Financing Contract 2020-1-RO01-KA107- 078987 (July 2020 - September 2022), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2020/Rezultate_selectie_KA107_2020.pdf), (120.000 EUR).

5.9. Erasmus+ program KA131, Academic exchanges, project coordinator – Financing Contract 2021-1-RO01-KA131-HED-000004584 (July 2021 - September 2023), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ ([https://www.erasmusplus.ro/library/Superior/2021/Rezultate_selectie_KA131_2021%20\(002\).pdf](https://www.erasmusplus.ro/library/Superior/2021/Rezultate_selectie_KA131_2021%20(002).pdf)), (575.000 EUR).

5.10. Erasmus+ program KA131, Academic exchanges, project coordinator – Financing Contract 2021-1-2022-1-RO01-KA131-HED-000057281 (July 2022 - September 2024), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2022/rezultate%20selectie/Rezultate_selectie_KA131-HED_2022.pdf), (655.000 EUR).

5.11. Erasmus+ program KA171, Academic exchanges, project coordinator – Financing Contract 2022-1-RO01-KA171-HED- 000073998 (July 2022 - September 2024), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus (https://www.erasmusplus.ro/library/Superior/2022/rezultate%20selectie/Rezultate_selectie_KA171-HED_2022_19.09.pdf), (99.000 EUR).

5.12. Erasmus+ program KA131, Academic exchanges, project coordinator – Financing Contract 2023-1-RO01-KA131-HED-0000132258 (July 2023 - September 2025), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2023/Rezultate_selectie_KA131-HED_2023.pdf), (658.000 EUR).

5.13. Erasmus+ program KA171, Academic exchanges, project coordinator – Financing Contract 2023-1-RO01-KA171-HED- 0000132250 (July 2023 - September 2025), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus (https://www.erasmusplus.ro/library/2023/invatamant%20superior/Rezultate_selectie_KA171-HED_2023.pdf), (99.168 EUR).

5.14. Erasmus+ program KA131, Academic exchanges, project coordinator – Financing Contract 2024-1-RO01-KA131-HED-000210551 (July 2024 - September 2026), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2024/Rezultate/Rezultate_selectie_KA131-HED_2024.pdf), (820.821 EUR).

5.15. Erasmus+ program KA171, Academic exchanges, project coordinator – Financing Contract 2024-1-RO01-KA171-HED-000218990 (July 2024 - September 2026), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus (https://www.erasmusplus.ro/library/Superior/2024/Rezultate/Rezultate_selectie_KA171-HED_2024.pdf), (87.041 EUR).

5.14. Erasmus+ program KA131, Academic exchanges, project coordinator – Financing Contract 2024-1-2025-1-RO01-KA131-HED-000325204 (July 2025 - September 2027), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training – institutional coordinator Erasmus+ (https://www.erasmusplus.ro/library/Superior/2025/Rezultate/Rezultate_selectie_KA131-HED_2025.pdf), (975.505 EUR).

5.15. Erasmus+ program KA171, Academic exchanges, project coordinator – Financing Contract 2024-1-2025-1-RO01-KA171-HED-000328106 (July 2025 - September 2027), European Commission program for academic exchanges, strategic partnerships and inter-institutional cooperation in fields of research, teaching or training –

institutional coordinator Erasmus (https://www.erasmusplus.ro/library/Superior/2025/Rezultate/Rezultate_selectie_KA171-HED_2025.pdf), (79.219 EUR).

6. Citations of scientific work

a. ISI/Web of Science/Impact factor (51 citations, in journal with AIS): 101 citations

b. SCOPUS (<https://www.scopus.com/authid/detail.uri?authorId=56275771200>), 71 citations

c. Google Scholar (<https://scholar.google.com/citations?user=3aJZx08AAAAJ>), 368 citations

c. International Data Basis (Research Gate: www.researchgate.net/profile/Catalin_Popa2), 196 citations

7. Organizing Committee member for scientific events, conferences or workshops:

- from May 2022 - Chairperson Line of Development 11 – Naval Exchanges under EMILYO program (*European Initiative for the Exchange of Young Military Officers*), implemented under European Security and Defence College (<http://www.emilyo.eu/node/158>) – EMILYO Implementation Group LoD11 – seminars' coordination during 2022-2023/4 event/year (57th-62nd IG meetings in Belgium, Greece, Latvia, Spain, France, Poland, Cyprus, Bulgaria, Italy);

- Member of the Scientific board for the international conferences organized by the Romanian Naval Academy: Nav-Mar-Edu 2011-2015, *Master-Nav* 2011-2024, Cadet-Nav 2011-2024, Sea Conf 2015-2024 (<https://www.anmb.ro/ro/conferinte/cadetnav>, <https://www.anmb.ro/ro/conferinte/sea-conf>);

- 2021-2023 Member of the Scientific board for Kotor International Maritime Conference (1st-4th KIMC Conferences 2021, 2022, 2023, 2024 organized by the University of Montenegro (<https://www.kimc.ucg.ac.me>);

- 2021-2024 Member of the Scientific board for Black Sea Security Conference (1st-3rd BSSC Conferences 2021, 2022, 2023, organized by the Bulgarian Naval Academy (<https://bssc.nvna.eu>);

- Coordinator and conference board member for events/seminar/training modules organized within the following European projects (see the project list below): RES-OP-DEV, DECOMAR, MENTORESS, SEAMENTORS, MARSSNET, INS-Navy-Tech, FAST, CUL-MAR-SKILL, MAR-LANG, 2011-2024;

- Course Director – „*Maritime Security Challenges for the European Union*” 4th edition, strategic level course organized by European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, Nikola Vaptsarov Naval Academy and National College of Internal Affairs (Romania), 21.05-24.05.2024;

- Course Director – „*Maritime Security Challenges for the European Union*” 3rd edition strategic level course organized by European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, Nikola Vaptsarov Naval Academy and National College of Internal Affairs (Romania), 24.05-27.05.2022;

- Course Director – „*Maritime Security Challenges for the European Union*” 2nd edition, strategic level course organized by European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, Nikola Vaptsarov Naval Academy and National College of Internal Affairs (Romania), 24.05-28.05.2021;

- Course Director – „*Maritime Security Challenges for the European Union*” strategic level course organized by European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, Nikola Vaptsarov Naval Academy and National College of Internal Affairs (Romania), 20.05-24.05.2019;

- Course Director – „*Maritime Security Challenges for the European Union*” strategic level course developed by European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, Nikola Vaptsarov Naval Academy, Spanish Centre for Strategic Studies (CESEDEN), National Defence College and National College of Internal Affairs (Romania), 02.10-06.10.2017;

- Coordinator and speaker for the 21st ENASC Conference – European Naval Academies Superintendents' Conference (<https://www.anmb.ro/enasc/>).

- Course Director – „*Common Security and Defence Policy*” common module organized in Romanian Naval Academy under the aegis of the European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, 05.05-09.05.2025;

- Course Director – „*Naval Tactics*” common module organized in Romanian Naval Academy under the aegis of the European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, 07.04-11.04.2025;

- Course Director – „*Leadership C*” common module organized in Romanian Naval Academy under the aegis of the European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, 19.05-23.05.2025;
- Course Director – „*NATO English Terminology*” common module organized in Romanian Naval Academy under the aegis of the European Security and Defence College (ESDC), Mircea cel Batran Naval Academy, 17.11-21.11.2025;

7. Invited lecturer, teaching stages and other international activities:

- December 2025 – invited teacher Common Security and Defence Policy, Maritime Security, Spanish Naval Academy, Marin, Spain;
- November 2025 – invited teacher Common Security and Defence Policy, Maritime Security, Theresan Military Academy, Viena, Austria;
- November 2025 – teaching exchange stage in University of Ruse, Ruse, Bulgaria;
- September 2025 – LoD11 Chairman for 67th IG meeting EMILYO Program, Brussels, Belgium;
- August 2025 – project coordinator - TPM4 project CUL-MAR-SKILLS, organizer CPRM, Brussels, Belgium;
- July 2025 – project coordinator – TPM5 project NAVY-INS-TECH, organizer Italian Naval Academy, Livorno, Italy;
- June 2025 – training exchange stage in Faculty for Maritime Studies, Kotor, Montenegro;
- June 2025 – training exchange stage in University of Vlore, Albania;
- June 2025 – member of organizing committee of the International Military Academic Forum in Romanian Naval Academy - LoD11 Chairman for 66th IG meeting EMILYO Program, Constanta, Romania;
- May 2025 – member of RNA delegation to EUMACS 25 (European Military Academies Superintendents’ Seminar) Annual Conference, Warsaw, Poland;
- March 2025 – invited lecturer ”International Affairs” seminar in Norwegian National Defence University, organized by Norwegian MoD, Oslo, Norway;
- February 2025 – LoD11 Chairman for 65th IG meeting EMILYO Program, Larnaca, Cyprus;
- February 2025 – teaching exchange stage in University of Ruse, Ruse, Bulgaria;
- February 2025 – teaching exchange stage in Bulgarian Naval Academy, Varna, Bulgaria;
- December 2024 – invited teacher Common Security and Defence Policy, Maritime Security, Spanish Naval Academy, Spain;
- November 2024 – LoD11 Chairman for 64th IG meeting EMILYO Program, Shumen, Bulgaria;
- October 2024 – invited teacher Common Security and Defence Policy, Maritime Security, Theresan Military Academy, Viena, Austria;
- October 2024 – teaching exchange stage in Bulgarian Naval Academy, Varna, Bulgaria;
- October 2024 – project coordinator – TPM4 project NAVY-INS-TECH, organizer Bulgarian Naval Academy, Varna, Bulgaria;
- October 2024 – teaching exchange stage in National Military Academy of Latvia, Riga, Latvia;
- September 2024 – LoD11 Chairman for 63rd IG meeting EMILYO Program, Brussels, Belgium;
- September 2024 – teaching exchange stage in Royal Military Academy, Brussels, Belgium;
- August 2024 – teaching exchange stage in University of North Georgia, Dahlonega, Georgia, USA;
- August 2024 – teaching exchange stage in Military Academy of Moldova, Chisinau, Moldova;
- July 2024 – teaching exchange stage in Faculty for Maritime Studies, Kotor, Montenegro;
- June 2024 – teaching exchange stage in University of Vlore, Albania;
- January 2024 – teaching exchange in Varna Technical University, Varna, Bulgaria;
- December 2023 – invited teacher Common Security and Defence Policy, Maritime Security, Spanish Naval Academy, Marin, Spain;
- November 2023 – invited lecturer to Latvian National Military Academy, Riga, Latvia;
- November 2023 – LoD11 Chairman for 60th IG meeting EMILYO Program, Riga, Latvia;
- November 2023 – member of RNA delegation to EUMACS 24 (European Military Academies Superintendents’ Seminar) Annual Conference, San Javier, Spain;

- October 2023 – invited speaker "Black Sea Security Conference", Bulgarian Naval Academy, Varna, Bulgaria;
- September 2023 – Member of RNA delegation to IAMU 23 Annual Conference, Helsinki, Finland;
- September 2023 – LoD11 Chairman for 59th IG meeting EMILYO Program, Brussels, Belgium;
- August 2023 – teaching exchange stage in Faculty for Maritime Studies, Kotor, Montenegro;
- July 2023– teaching exchange stage in University of Vlore, Albania;
- July 2023 – member of RNA delegation to Hellenic Naval Academy, Piraeus, Greece;
- June 2023 – organizing board member of ESYO Conference (European Seminar for Young Officers), Constanta, Romania;
- May 2023– head of RNA delegation to IMAF 23 (International Military Academic Forum), Hellenic Naval Academy/Hellenic Air Force Academy, Athens, Greece;
- May 2023 – member of RNA delegation to Italian Naval Academy, Livorno, Greece;
- April 2023 – teaching exchange stage in Batumi Teaching University, Batumi, Georgia;
- March 2023 – invited lecturer in Polish Naval Academy, project coordinator for transnational meeting within SeaMentors Project, Gdynia, Poland;
- March 2023 – teaching exchange stage in Military University of Technology, Warsaw, Poland;
- February 2023 – LoD11 Chairman for 57th IG meeting EMILYO Program, National University of Defence, Sofia, Bulgaria;
- December 2022 – LoD11 Chairman for 56th IG meeting EMILYO Program, Polish Naval Academy, Gdynia, Poland;
- November 2022 – invited lecturer in Lithuanian Maritime Academy, project coordinator for transnational meeting within SeaMentors Project, Gdynia, Poland;
- September 2022 – LoD11 Chairman for 56th IG meeting EMILYO Program, Royal Military Academy, Brussels, Belgium;
- September 2022 – member of RNA delegation to United States Naval Academy, Annapolis, USA;
- September 2022 – Speaker for Baltic Sea Forum "*Baltic Sea as a future energy crossroad: Port, Shipping & Geopolitics' Perspectives*" Lithuania and Latvia;
- July 2022 – teaching exchange stage in University of Vlore, Albania;
- June 2022 – invited lecturer in Polish Naval Academy, project coordinator for transnational meeting within MarsNet Project, Gdynia, Poland;
- June 2022 – invited lecturer in Bulgarian Naval Academy, Varna, Bulgaria;
- May 2022 – LoD11 Chairman for 54th IG meeting EMILYO Program, Cyprus Military Academy, Larnaca, Cyprus;
- May 2023 – member of RNA delegation to Britannia Royal Naval College, Dartmouth, UK;
- February 2022 – teaching exchange stage in Piri Reis University, Istanbul, Turkey;
- September 2021– Speaker for Baltic Sea Forum "*Baltic Sea as a future energy crossroad: Port, Shipping & Geopolitics' Perspectives*", Lithuania and Latvia;
- September 2021 – Member of RNA delegation to 140th anniversary of Bulgarian Naval Academy;
- September 2021 – LoD11 invited speaker for 54th IG meeting EMILYO Program, Brussels, Belgium;
- August 2021 – invited lecturer to Varna Technical University, Bulgaria;
- June 2021 – invited lecturer to University of Ruse, Bulgaria;
- November 2020 – Invited professor to Lithuanian Maritime Academy (Klaipeda, Lithuania) – grant awarded under governmental contract by the Lithuanian Ministry of Education – Maritime and Port Logistics course, Spring semester;
- January 2020 – member of MBNA delegation to BSAMI workgroup (Black Sea Association of Maritime University), Tuzla, Turkey;
- November 2019 – invited teacher to Odessa National Maritime Academy, Odessa, Ukraine;
- October 2019 – head of MBNA delegation to IAMU (International Maritime University Association), Tokyo, Japan;
- July 2019 – member of ROU delegation to Naval University of Engineering of China, Wuhan, China;
- June 2019 – head of MBNA delegation to ENASC preconference in Varna, Bulgaria;

- May 2019 – invited lecturer to Polish Naval Academy, Gdynia, Poland;
- March-April 2019 – Invited professor to Lithuanian Maritime Academy– grant awarded under governmental contract by the Lithuanian Ministry of Education – Maritime and Port Logistics course, Spring semester, Klaipeda, Lithuania;
- May 2019 – speaker European Naval Academies Superintendents Conference (Varna, Bulgaria);
- November 2018 – Head of ROU MBNA delegation to French Naval Academy (Brest, France);
- November 2018 – invited lecturer to Polish Naval Academy – MENTORESS programme, Gdynia, Poland;
- May 2018 – coordinator and speaker 21st ENASC forum (European Naval Academies Superintendents' Conference) – event manager;
- April 2018 – invited speaker on International week to Angel Kanchev University, Ruse, Bulgaria;
- March 2018 – invited lecturer to PiriReis University – MENTORESS programme, Istanbul, Turkey;
- March-April 2018 – Invited professor to Lithuanian Maritime Academy – grant awarded under governmental contract by the Lithuanian Ministry of Education – International Logistics course, Spring semester, Klaipeda, Lithuania;
- September 2017 – invited lecturer to Latvian Maritime Academy, Liepaja, Latvia;
- August 2017 – speaker ENASC seminar, National Maritime College of Ireland, Cork, Ireland;
- May 2017 – head of ROU MBNA delegation to Italian Naval Academy, Livorno, Italy;
- June 2017 – executive of ROU delegation to Spanish Naval Academy, Vigo, Spain;
- March 2017 – invited lecturer to University of Ljubljana, Faculty for Maritime Studies, Portoroz, Slovenia;
- March 2017 – teaching exchange 5 days to Bulgarian Naval Academy, Varna, Bulgaria;
- April 2016 – invited lecturer to Polish Naval Academy, Gdynia, Poland.

8. Higher Education managerial positions, expertise, and assignments:

- June 2016 – present – Vice-Rector (Provost) for International Programs;
- June 2017 – present – institutional representative IG EMILYO program under European Security and Defence College – from 2022 appointed as Chairperson of LoD 11 – International Naval Semester under EMILYO;
- October 2016 – present – member of the Academic Senate (Head of the International Affairs Committee);
- Oct. 2009 – March 2014 – Program Coordinator for „*Engineering and Management*” (undergraduate study program degree) and for „*Logistic Systems' Management*” (master program degree);
- Oct. 2015 – June 2016 - Director for *Interdisciplinary Research Center* and Coordinator for *Naval and Port Logistics Workshop*;
- 2009-2010, 2012-2014, 2015 – present – member of Scientific Council of Naval Academy;
- since Oct. 2011 – 2016 – member of Faculty Board and Faculty Council – Head of the Scientific Research Committee;
- from June 2014 – June 2015 – board member of Research Committee of Higher Colleges of Technology – Business Division (United Arab Emirates);
- From June 2014 – June 2015 – board member for Logistics and SCM Committee and for MBA Committee of Higher Colleges of Technology (United Arab Emirates);
- From June 2014 – member in self-evaluation team for ACBSP accreditation with Higher Colleges of Technology (United Arab Emirates), Faculty of Business, Business Department-ADMC;
- Oct. 2009 – Oct.2011 – Deputy Director of Distance Learning Centre;
- Oct. 2011– March 2014 – Associate Dean for Research in Faculty for Navigation and Naval Management
- since Nov. 2009 – member of Erasmus Board and Deputy for EU Programs Department;
- since Nov. 2009 – member in Quality Assurance Committee, member in *Self-Evaluation Group* for EUA (*European University Association*), team member in accreditation processes for different accreditation bodies (Bureau Veritas, IMO, BSUN, U-Multirank);
- Active member of APEC – *National Association of Romanian Economists and Accountants*;
- Cofounder member for EERA – *Engineering Economists Romanian Association*;

- National Expert for curriculum development in Engineering and Management – Romanian National Authority for Qualifications;

9. Member of editorial boards/international conferences:

- JMS - Časopis Pomorskog Fakulteta Kotor – Journal of Maritime Sciences – organizer University of Montenegro, Faculty for Maritime Transport Journal – editorial board, scientific board and reviewer: <https://www.jms.ucg.ac.me/index.php/editorial-board>;
- Romanian Military Thinking - Journal or Romanian Military Staff – editorial board, scientific board and reviewer: <https://gmr.mapn.ro/pages/consiliul-stiintific>;
- Romanian Naval Academy Scientific Bulletin – editorial board, scientific board and reviewer: <https://www.anmb.ro/buletinstiintific/eng/home.html>;
- International Conference on Energy Efficiency and Agricultural Engineering (IEE&AE) – 2021-2024, organizer University of Ruse, Bulgaria – editorial board, scientific board and reviewer: www.eac-conf.uni-ruse.bg/9th-edition-2024/committees-2024
- Public Health Congress on Maritime Transport and Ports 2024: Innovations in infectious diseases control and occupational health - 18 to 19 October 2024, Napoli, Italy, member in the scientific committee of the conference: https://shipsancongress2024.eu/files/final_programme.pdf

Active reviewer for following journals:

- *Transport*, Vilnius Gediminas Technical University (VILNIUS TECH), Lithuania, ISSN: 1648-0627 / eISSN: 1822-4202, JIF = 1,3/2024, Q3 – Transports Technology;
- *Business: Theory and Practice*, Vilnius Gediminas Technical University (VILNIUS TECH), Lithuania, ISSN: 1648-0627 / eISSN: 1822-4202, Q2 – Strategy and Management, SCOPUS;
- *Maritime Policy*, Elsevier, United Kingdom, ISSN: 1648-0627 / eISSN: 1822-4202, Q2 – Environmental Studies, JIF = 3,7;
- *Economies*, MDPI Journal, Switzerland, ISSN 2076-3298, Web of Science - Emerging Sources Citation Index (ESCI), JIF = 2,1/2024, AIS=0,311, Q2 – Economics - reviewer;
- *Logistics*, MDPI Journal, Switzerland, ISSN 2305-6290, Web of Science - Emerging Sources Citation Index (ESCI), JIF = 3,6/2024, AIS=0,282, Q2 – Management - reviewer;
- *Systems*, MDPI Journal, Switzerland, ISSN 2079-8954, Web of Science – Social Sciences Citation Index (SCIE) and Scientific Citation Index Expanded (SCIE), JIF = 3,1/2024, AIS=0,285, Q1 - Social Sciences, Interdisciplinary - reviewer;
- *Sustainability*, MDPI Journal, Switzerland, ISSN 2071-1050, Web of Science – Social Sciences Citation Index (SCIE) and Scientific Citation Index Expanded (SCIE), JIF = 3,3/2024, AIS=0,530, Q2 (Environmental Studies) - reviewer;
- *Processes*, MDPI Journal, Switzerland, ISSN 2071-1050, Web of Science – Social Sciences Citation Index (SCIE) and Scientific Citation Index Expanded (SCIE), JIF = 2,6/2024, AIS=0,530, Q2 (Environmental Studies) - reviewer;
- *Romanian Military Thinking - Journal or Romanian Military Staff* - Editorial Board Member;
- *Scientific Bulletin of Romanian Naval Academy* - Editorial Board Member;
- *Sustainable Marine Structures* - Editorial Board Member;
- *Asian Journal of Water, Environment, and Pollution* – Editorial Board Member;

10. Distinctions, prizes:

- The Club of Admirals Prize for best book of 2024 in area of Navigation and Maritime Transport awarded for following book: *Marine Environment Issues In Port Operations*, published in Naval Academy Publishing House, “Naval Transportation” Collection, 2024, ISBN 978-606-642-278-9, authors: Locaitiene V., Popa C., Atodiresei D., Zukauskaitė A., Mickienė R.

Medals:

- Medal of Honour for Service, Organization for Security and Cooperation, Medal #323/2004;
- Honoric Sign for Officers in Military Service, M105/20.09.2017, for 25 years of service;
- Navy Badge of Honour, E.O.F.N. 241/08.08.2017 for valuable contributions in Naval Academy national and international academic recognition;
- Military Service Badge of Honour, F.N.D. 09/02.08.2018 for valuable contributions in education;
- Defence Staff Badge of Honour 3rd Class, S.P.D. 42/17.07.2020 for valuable contributions in education;
- Medal of Honor for Military Sciences, for contributions in scientific research in Economics, Ministry of Defence, Decision M.P. 1296/29.11.2021;
- Defence Staff Badge of Honour 2nd Class, S.P.D. 82/05.10.2022 for valuable contributions in education;
- Veteran in Military Operations, Ministry of Defence, Decision M.V.O. nr.1/2021;
- Armed Forces Badge of Honor, Ministry of Defence, Decision M.P. nr. 787/04.11.2024.

11. Membership

- June 2017 – present – institutional representative IG EMILYO program under European Security and Defence College – from 2022 appointed as Chairperson of LoD 11 – International Naval Semester under EMILYO (<https://www.emilyo.eu/lod-11-international-naval-semester>);
- June 2024 – present – member of Ocean Experts Network (<https://oceanexpert.org/expert/80118>);
- May 2023 – present – member of International Maritime Lecturers Association (IMLA - <https://imla.co>)
- May 2018 – present – institutional representative in ENASC – European Union Naval Academies Superintendents Conference (ENASC - <https://www.anmb.ro/enasc>);
- October 2016 – present – institutional representative in IAMU – International Association of Maritime Universities (IAMU - <https://iamu-edu.org/>);
- October 2019 – present – institutional representative in BSAMI – Black Sea Association of Maritime Institutions.
- May 2014 – present – member of Romanian Association of Managers and Economist Engineers/AMIER– Asociatia managerilor si a inginerilor economisti din Romania (<https://amier.org/componenta.htm>)