

Curriculum vitae

Reza Karimpour

Professional Profile

A former marine engineer with sea-going practical experience, and the last rank as marine chief engineer. I hold a Master of Science Degree in Maritime Affairs from World Maritime University(Sweden), and a PhD Degree from the University of Genova. In the last six years, I have also been regularly involved as a researcher in some maritime and port projects. Moreover, I also have had the opportunity to contribute to teaching activities for marine engineer officers and students in Italy. I am enthusiastic about teamwork, learning, and sharing my knowledge and experiences with others.

EDUCATION AND TRAINING

- 2023 **Class Surveyor Certificate** from the Lloyd's Maritime Institute.
- 2022 **PhD Degree** from the Electrical, Electronics and Telecommunication Engineering and Naval Architecture Department(DITEN), the University of Genova, Italy.
Certificate of "Training for trainers and assessors through the use of simulators" by Wärtsilä.
- 2021 **Certificate** of "Instructor Station Operator Course for LNG Bunkering Simulator Techsim" by Wärtsilä.
- 2018 **Certificate** of "Training for Trainers (TFT)", Genova, Italy.
- 2017 **Master of Science in Maritime Affairs Degree** -with specialisation in Maritime Energy Management, from the World Maritime University (WMU) in Malmö, Sweden.
- 2016 **Ship Chief Engineer Officer Certificate** of Competency (Marine Chief Engineer 3000 Kw or More).
- 2004 **Ship Marine Engineer Officer Certificate** (MarineThird Engineer 3000 kW or More).

WORK EXPERIENCE

- 2017 - 2022 **Project researcher and consultant in following EU-funded research projects, with role mainly as a deliverable leader:**
 - The European EALING Project establishes a harmonized framework for Onshore Power Supply (OPS) to electrify TEN-T maritime ports, while the MOSES Project enhances sustainable Short Sea Shipping through automated vessels and optimized supply chains. The LASHFIRE Project improves fire safety on Ro-Ro passenger ships, and the GoLNG Interreg Project, based at WMU in Malmö, promotes LNG as a cleaner maritime fuel. Additionally, the EDINAF Project drives digitalization and automation in port infrastructure, and the DocksThe Future Project develops innovative strategies for sustainable and smart port logistics.
- Lecturer in / for:**
 - marine engineer officers/students classes in ship technical systems & machinery, main propulsion, auxiliary machineries, marine diesel engines ,engine simulator, and IMO conventions.
 - the INTERNATIONAL MARITIME LAW courses: Marine Accident Investigation Code, Port State Control, ISM Code, MARPOL Convention, SOLAS Convention, Flag State responsibilities, and ISPS Code in international courses since 2019.
 - the "Maritime Science and Technology " programme for ten hours in DITEN

faculty at the University of Genova, since 2021.

- Online module of Maritime Energy Postgraduate Diploma, by distance at World Maritime University in Malmo, Sweden.
- the ship management module to ERASMUS students within the BlueTemplate Project at the technical school of La Spezia, Italy.

2005 – 2016

Ship Engineer Officer:

Served ten years on board ocean-going commercial ships with the last rank as Ship Marine Chief Engineer Officer at the management level. During four years of serving as senior engineer, I was in charge of the safe operation and maintenance of all machinery and technical systems onboard ships. Furthermore, I was teaching cadets practical and theoretical aspects of important IMO INTERNATIONAL MARITIME LAW such as MARPOL Convention, ISM Code, SOLAS Conventions, Emergency procedures, MLC 2006, and Ballast Water Convention.

HONOURS AND AWARDS

- Ranked as one of the top three graduates among 133 Graduates at World Maritime University in Sweden in 2017.
- Winner of the position as the researcher in the Italian Centre of Excellence on Logistics, Transport, and Infrastructures, in Genova in 2018.

PERSONAL SKILLS

Languages

Other language(s)

English

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Persian	C2	C2	C2	C2	C2
Italian	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Communication skills - Good communication skills gained by working in a multi-national atmosphere,
- Experience in executing duties with involved stakeholders and building relationships in a changing environment

Organisational/managerial skills - Consistency in management to do tasks and being a true team player with the ability to work independently,
- Good organisational skills and being a responsible character.

Job-related skills - Enthusiastic about teamwork and sharing, with ability to prioritise tasks.

Digital skills - International Microsoft Office Skill Certificate

MEMBERSHIP

- Guest Editorial member of [Frontiers Special Collection on Sustainable Seaports](#).
- A member of the [IEEE Standards Association \(IEEE-SA\) - sustainable maritime](#).
- Reviewer member of the International Journal of Transportation Engineering and Technology journal: <http://www.ijtet.org/reviewers>

PUBLICATIONS

Article: *Socio-economic benefits of implementing shore-side electricity in some northwest Italian ports*, Jan 2023. DOI: [10.19272/202206704006](https://doi.org/10.19272/202206704006)

Transport Research Arena(TRA2022): *Ealing project - Exploratory analysis of the future implementation of Onshore Power Supply facilities in European ports and relevant technical aspects for Port Authorities*,2022.

Project Deliverable: LASHFIRE Project, Deliverable D06.5 Development of new standards for effective fire patrols and recommendations for manual screening of cargo fire hazards, Nov 2022.

Project Deliverable: EALING Project, Milestone 6 - Final recommendations for a harmonised framework on OPS in EU ports, 2022.

Project Deliverable: MOSES h2020 Project, D8.5 Intermediate Exploitation Plan, 2021.

Project Deliverable: EALING Project, Milestone 4 - Detailed analysis of the existing national/port regulations directly or indirectly related to shore-side electricity supply, 2022.

Project Deliverable: MOSES h2020 Project, D2.3 Current status and market opportunities for ShortSea Shipping(SSS), 2021.

Book Chapter: European Port Cities in Transition: Moving Towards More Sustainable Sea Transport Hubs - Chapter 4: Port-City Redevelopment and the Circular Economy Agenda in Europe “, 2020, <https://www.springer.com/gp/book/9783030364632>

Journal Article: “Circular Economy approach to facilitate the transition of the port cities into self-sustainable energy ports – A case study in Copenhagen-Malmö Port (CMP) “, 2019, <https://link.springer.com/journal/13437>.

Project Deliverable: DocksTheFuture D2.2 Clustered Projects Guidance Document,2019.

Journal Article: “A Study on the Role of Human Element (Staffs) in Marine Accidents”, 2016, Open Journal of Marine Science, <http://dx.doi.org/10.4236/ojms.2016.63034>

Journal Article: “Development of Hybrid Propulsion System for Energy Management and Emission Reduction from Ships”, 2016, Open Journal of Marine Science, [10.4236/ojms.2016.64040](http://dx.doi.org/10.4236/ojms.2016.64040) .

REFERENCES

will be supplied upon request.

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