



**Luka
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Date of birth: 09/01/1989


Nationality: Croatian

Gender: Male

CONTACT

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WORK EXPERIENCE

05/12/2019 – CURRENT – Split, Croatia

Assistant professor - Head of Maritime Management Studies

University of Split, Faculty of Maritime Studies

- Subjects: Maritime economics, Port management, Shipping and Port Management, Maritime financial management, Maritime strategic management, Academic writing, Port and terminal planning and Integral and multimodal transport.
- Ph.D. subject: Logistics and sustainable transport at Ph.D. Study at Inter-University doctoral study "Technologies in Maritime Affairs" at Faculty of Maritime Studies in Split.
- Ph.D. subject: Concept of a Sustainable Maritime Transportation System at Ph.D. Study at Inter-University doctoral study "Maritime Studies" at Faculty of Maritime Studies in Rijeka.
- Head of Maritime Management studies at undergraduate and graduate levels.
- Participant in various national and international scientific projects concerning management in a maritime system.
- Associate and coordinator in several projects co-financed by EU.
- Participant and head of more than five significant expert and strategical projects and studies concerning the organization, technological process and management in seaports and maritime research areas.
- Participant in several international and national scientific symposiums in the field of maritime and transport technologies as a presenter and as a lecturer Call.
- Member of the working group for amendments to the undergraduate and graduate study programs "Maritime Management".
- Member of the project team for the development of the Marine Environment and Coastal Zone Management Plan of the Split-Dalmatia County (Coastal Plan) (with the Action Plan for implementation and development projects for financing in the next multiannual financial framework 2021-2027)

Department for Management of Marine Technologies / Education / info@pfst.hr / <http://www.pfst.unist.hr/hr/> / Ruđera Boškovića 37, 21000, Split, Croatia

01/04/2016 – 05/12/2019 – Split, Croatia

University teaching/research associate

University of Split, Faculty of Maritime Studies

- Teaching at university level studies – Department for Management of Marine Technologies; subjects: Port economics, Maritime economics, Maritime financial management, Maritime strategic management, Nautical tourism and marina management, Shipping and port management, Academic writing, Integral and multimodal transport and Preservation of sea and maritime environment.
- Research Assistant on various research projects related to management of marine systems.
- Ph.D. thesis research and creation; participation on various research projects related to the research area of doctoral dissertation.
- B.Sc. and M.Sc. thesis mentoring of undergraduate and graduate students.

EDUCATION AND TRAINING

04/2016 – 05/2019 – Studentska 2, Rijeka, Croatia

Doctorate in Technical sciences

University of Rijeka, Faculty of Maritime Studies

Doctorate on the topic: Impact of external costs on freight flows formation and consolidation in the Northern Adriatic region

Education - Doctor of Technical Sciences | <https://www.pfri.uniri.hr/web/hr/index.php>

2013 – 2015 – Ruđera Boškovića 37, Split, Croatia

Master of Maritime Management

University of Split, Faculty of Maritime Studies

Knowing the specifics of maritime transport activities and preparation for work on the managerial affairs of public and private businesses related to maritime transportation. Masters in: "Criteria for planning oil spill response operations".

Education - scientific degree in technical sciences

Ruđera Boškovića 37, Split, Croatia

Bachelor of Maritime Management

University of Split, Faculty of Maritime Studies

Knowledge of business processes within the shipping and sea ports.

Education - scientific degree in technical sciences | <http://www.pfst.unist.hr/hr/>

2019 – Obala Lazareta 1, Split, Croatia

Certificate in Shipping Agency

Harbour Master's Office Split

2017 – Split, Croatia

EU Project Assistant

UHY Croatia and J.U. RERAsd

2019 – Split, Croatia

ISO 9001:2015 Internal Auditor Training Course

Bureau Veritas

2019 – Poljička cesta 35, Split, Croatia

Pedagogical competences course - pedagogical, psychological, didactic and methodical education

University of Split, Faculty of Humanities and Social Sciences

LANGUAGE SKILLS

MOTHER TONGUE(S): Croatian

OTHER LANGUAGE(S):

English

Listening
C2

Reading
C2

**Spoken
production**
C1

**Spoken
interaction**
C1

Writing
C1

Italian

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B2

SOCIAL SKILLS

● **Social skills and competences**

- Experience in working with different nationalities.
- Representative personnel for coordination between faculty and relevant stakeholders for maritime and transport sector (public and private)

ORGANISATIONAL SKILLS

● **Organisational skills and competences**

- Good organizational skills and experience in teamwork.
- Organizational skills of the project team.
- Associate on national projects and studies, and international projects.

TECHNICAL SKILLS

● **Technical skills and competences**

- Computer skills in Windows operating system and applications work in Microsoft Office with knowledge of IP communication process.
- Experience in using simulation and modeling applications.
- Experience in working with applications that are used in processes of decision making based on multi-criteria analysis.

OTHER SKILLS

● **Other skills and competences**

- Excellent presentation skills, communication skills, the ability of internal and external collaboration, engagement and coordination of all resources required for successful completion of the work or project.
- Professional water-polo player for 15 years.

HONOURS AND AWARDS

2015

Dean's Award for best student of the Maritime Management Studies, University of Split in 2014/2015

Croatian national team

- Participating in the Croatian men's junior national water polo team on european and world championships.

DRIVING LICENCE

Driving Licence: AM

Driving Licence: B

PUBLICATIONS

List of selected scientific papers

Scientific papers (selected):(complete list of works: <http://bib.irb.hr>)

1. Guidi, G., Slišković, M., Violante, A. & Vukić, L. (2020) Application of the Analytic Hierarchy Process (AHP) to select the best oil spill cleanup method in marine protected areas for calm sea condition. *Global NEST: the international Journal*, 22 (3), 354-360 doi:10.30955/gnj.002811.
2. Vukić, L., Poletan Jugović, T., Guidi, G. & Oblak, R. (2020) Model of Determining the Optimal, Green Transport Route among Alternatives: Data Envelopment. *Journal of marine science and engineering*, 8 (10), 735, 16 doi:10.3390/jmse8100735.
3. Jugović, A., Slišković, M. & Vukić, L. (2018) Concept of External Costs Calculation in the Ports: Environmental Impacts. *Tehnički vjesnik : znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku*, 25 (Supplement 2), 495-502 doi:10.17559/tv-20161201113235.
4. Kos, S., Vukić, L. & Brčić, D. (2017) Comparison of External Costs in Multimodal Container Transport Chain. *Promet - Traffic & transportation*, 29 (2), 243-252 doi:10.7307/ptt.v29i2.2183.
5. Guidi, G., Slišković, M., Violante, A. & Vukić, L. (2016) Best available techniques (BATs) for oil spill response in the Mediterranean Sea: calm sea and presence of economic activities. *Environmental science and pollution research international*, 23 (2), 1944-1953 doi:10.1007/s11356-015-5543-y.
6. Vukić, L., Mihanović, V., Fredianelli, L. & Plazibat, V. (2021) Seafarers' Perception and Attitudes towards Noise Emission on Board Ships. *International journal of environmental research and public health*, 18 (2021), 12; 6671, 14 doi:10.3390/ijerph18126671.
7. Vukić, L., Poletan Jugović, T. & Kolanović, I. (2017) External costs as competitive factor for affirmation of the Rijeka – Pivka railway route in the Baltic – Adriatic Corridor. *Pomorstvo : scientific journal of maritime research*, 31 (2), 102-110 doi:10.31217/p.31.2.4.
8. Poletan Jugović, T., Vukić, L. & Jugović, A. (2018) Current carbon tax role in the choice of ecologically more acceptable transport mode. *European transport/trasporti europei*, 67 (6), 6, 16.
9. Vukić, L., Peronja, I. & Slišković, M. (2018) Port Pricing in the North Port of Split: A Comparative Analysis. *Transactions on Maritime Science*, 7 (1), 59-70 doi:10.7225/toms.v07.n01.006.
10. Vukić, L., Stazić, L., Pijaca, M. & Peronja, I. (2021) Modelling the optimal delivery of spare parts to vessels: Comparison of three different scenarios. *Cogent Engineering*, 8 (1), 1-19 doi:10.1080/23311916.2021.1920565.
11. Vukić, L., Mikulić, D. & Keček, D. (2021) The Impact of Transportation on the Croatian Economy: The Input-Output Approach. *Economies*, 9 (1), 7, 16 doi:10.3390/economies9010007.
12. Vukić, L., Guidi, G., Poletan Jugović, T. & Oblak, R. (2021) Comparison of External Costs of Diesel, LNG, and Electric Drive on a Ro-Ro Ferry Route. *Promet - Traffic & transportation*, 33, (3), 463-477 doi:10.7307/ptt.v33i3.3690

<https://scholar.google.hr/citations?user=V-qvCaQAAA&hl=hr> <https://www.bib.irb.hr/pregled/profil/33357>

PROJECTS

● List of relevant national, international and EU funded projects

EU projects:

- BLUEWBC - Sustainable development of BLUE economies through higher Education and innovation in Western Balkan Countries;
- INTERIV - Internationalization of Marine Fishery and Naval studies study programmes at University of Split;
- CHARGE - Capitalization and Harmonization of the Adriatic Region Gate of EUROPE;
- SIROCCO - Sustainable interregional coastal & cruise maritime tourism through cooperation and joint planning;
- DEEPSEA - Development of Energy Efficiency Plan and SERVICES for the mobility for the Adriatic MARINAs;
- SN4SD – Contemporary teaching for contemporary society;
- SEA-EU - The European University of the Seas.

National projects:

- National plan for the development of seaports of the county and local significance.

Other projects (internal projects of the University):

- Impacts and effects of external costs and quality of service on validation of transportation route;
- Head of the scientific project of the Faculty of Maritime Studies in Split: Measurement and validation of environmental noise in the Port of Split.

COMMERCIAL PROJECTS

● List of selected commercial projects

Participation on commercial projects (selected):

1. Analysis of potential market flows of the port of Split, Port Authority Split, Split.
2. Sustainable development study for cruise vessels in the port of Split, Port Authority Split, Split.
3. Maritime study for terminal of the port of Solin - "Maritime security measures during the ship stay and while maneuvering in the port of Solin terminal - Sveti Kajo", INA, Zagreb
4. Feasibility study for defining guidelines for port entry / mooring / staying / berthing / of ships considering different weather conditions and changes in maritime and aerial values, Port Authority Split, Split.

OTHER ACTIVITIES

Additional information

Professional activities - Members

- Reviewer Board of "Journal of Marine Science and Engineering"
- Local Editorial Board of the journal "ST_OPEN".
- International associations: IAME –International Association of Maritime Economists
- Member of the working group for amendments to the undergraduate and graduate study program "Maritime Management"
- Member of the Organizing Committee of "7th International Maritime Science Conference Book of Proceedings 2016, Split: Faculty of Maritime Studies, 2017"
- Senior Editor of the proceedings of "8th International Maritime Science Conference Book of Proceedings 2019, Budva: Faculty of Maritime Studies in Kotor, 2019"
- Participant of "Science festival" on several occasions
- Water polo player with over 20+ years of experience in a national and international professional environment

Erasmus staff mobility

International cooperation:

- University of Applied Sciences, Hochschule Bremen, Bremen, Germany (2021)