Impressum

NASE MORE, INTERNATIONAL JOURNAL OF MARITIME SCIENCE & TECHNOLOGY
NAŠE MORE, MEĐUNARODNI ZNANSTVENI ČASOPIS ZA MORE I POMORSTVO
FOUNDED IN 1919

ISSN 0469-6255 E-ISSN 1848-6320 DOI 10.17818/NM UDK 656.6+338.48+008+001(05)=862

EDITORIAL OFFICE
International Journal of Maritime Science & Technology
University of Dubrovnik
Ćira Carića 4
20000 Dubrovnik, Croatia
www.nasemore.com
nasemore@unidu.hr

FOUNDER AND PUBLISHER
University of Dubrovnik
Branitelja Dubrovnika 29
20000 Dubrovnik, Croatia

GUEST EDITOR
Ana Bratoš Cetinić, PhD, University of Dubrovnik, Department of Applied Ecology, Croatia

EDITOR-IN-CHIEF
Darijo Mišković, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia

JUNIOR EDITOR
Žarko Koboević, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia

ASSOCIATE EDITORS
Anamaria Bjelopera, PhD, University of Dubrovnik, Faculty of Electrical Engineering and Applied Computing, Croatia
Ana Bratoš Cetinić, PhD, University of Dubrovnik, Department of Applied Ecology, Croatia
Smiljko Rudan, PhD, University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia

INTERNATIONAL EDITORIAL BOARD
Bojan Beškovnik, PhD, University of Ljubljana, Faculty of Maritime Studies and Transport, Slovenia
Leszek Chybowski, PhD, Maritime University of Szczecin, Szczecin, Poland
Kevin Cullinane, University of Gothenburg, Sweden
Maro Ćorak, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia
Ivica Đurđević-Tomaš, University of Dubrovnik, Faculty of Maritime Studies, Croatia
Alessandro Farina, PhD, University of Pisa, Department of Civil and Industrial Engineering and University Centre of Logistic Systems, Italy
Vlado Frančić, PhD, University of Rijeka, Faculty of Maritime Studies, Croatia
Jozef Gnap, PhD, Univesity of Žilina, The Faculty of Operation and Economics of Transport and Communications, Slovak Republic
Andrzej Grzadziela, PhD, Polish Naval Academy, Poland
Nermin Hasanspahić, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia
Wang Huanxin, PhD, Dalian Maritime University, China
Maro Jelić, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia
Mate Jurjević, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia
Rudolf Kampf, PhD, Faculty of Business in České Budejovice, Czech Republic
Josip Kasum, PhD, University of Split, University Department for Forensic Science, Croatia
Miho Klaić, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia
Martin Lazar, PhD, University of Dubrovnik, Faculty of Electrical Engineering and Applied Computing, Croatia
Nikolai Nikolaevich Maiorov, St. Petersburg State University of Aerospace Instrumentation (SUAI), Russia
Irina Makarova, PhD, Kazan Federal University, Russia
Francesc Xavier Martínez de Osés, PhD, Universitat Politecnica de Catalunya, Barcelona Tech, Nautical Science and Engineering Department, Spain
Josip Mikuš, PhD, University of Dubrovnik, Department of Applied Ecology, Croatia
Ivona Milić-Beran, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia
Jakša Mišković, PhD, University of Split, Faculty of Maritime Studies, Croatia
Peter Monka, PhD, Technical University of Košice, Faculty of Manufacturing Technologies in Prešov, Slovak Republic
Igor Nesteruk, PhD, Institute of Hydromechanics, National Academy of Sciences of Ukraine, Ukraine
Ivica Pavić, PhD, University of Split, Faculty of Maritime Studies, Croatia
Ivana Palunko, PhD, University of Dubrovnik, Faculty of Electrical Engineering and Applied Computing, Croatia
Marijana Pećarević, PhD, University of Dubrovnik, Department of Applied Ecology, Croatia
Aleksandar Sladkowski, PhD, Silesian University of Technology, Faculty of Transport, Poland
Ondrej Stopka, PhD, Institute of Technology and Business in České Budějovice, Department of Transport and Logistics, Czech Republic
Nguyen Duy Trinh, PhD, Ho Chi Minh City University of Transport, Vietnam
Elen Twrdy, PhD, University of Ljubljana, Faculty of Maritime Studies and Transport, Slovenia
Srđan Vujičić, PhD, University of Dubrovnik, Faculty of Maritime Studies, Croatia
Gong Xiang, PhD, School of Naval Architecture and Ocean Engineering, Huazhong University of Science and Technology, China
Kiên Đặng Xuân, PhD, Ho Chi Minh City University of Transport, Vietnam
Srđan Žuškin, PhD, University of Rijeka, Faculty of Maritime Studies, Croatia

EDITORIAL SECRETARY
Davorka Turčinović, mag. oec.

ADVISORY BOARD - COMMERCE
Božica Đurđević, Croatian Radio, Dubrovnik
Mato Franković, City of Dubrovnik, Dubrovnik
Ivo Klaić, Dubrovnik-Neretva County, Dubrovnik
Tomislav Macan, Dubrovnik Airport, Dubrovnik
Marko Domijan, Atlantska plovidba d.d., Dubrovnik
Željan Matić, County Port Authority, Dubrovnik
Denis Orlić, Society of Friends of Dubrovnik Antiques, Dubrovnik

GRAPHIC DESIGN & EDITING
Katarina Banović, mag. oec.
Davorka Turčinović, mag. oec.

COVER DESIGN
Marijana Lujo, dipl. oec.

COVER PHOTO
Lighthouse, G. Šebelić

ENGLISH TRANSLATION AND PROOF-READING
Jelena Žanić Mikuličić, PhD

PROOF READING
Samanta Paronić, PhD

CLASSIFICATION OF ARTICLES
Ana Pujo, Sc. librarian

WEB MASTER
Stjepo Hladilo, ing.

The Journal is printed in Croatia
by Sveučilišna tiskara d.o.o.
Edition: 75 copies
Published three issues per year.

ABSTRACTING AND INDEXING
WoSCC: ESCI, SCOPUS, EMBASE, GEOBASE, HRČAK, DOAJ, EBSCO PUBLISHING, PROQUEST, CABELL'S DIRECTORY, TRID

SUBSCRIPTION
Subscription runs for full calendar year. One year subsription rate is 25,20 €. Orders can be placed at University of Dubrovnik (for Naše more); Privredna banka Zagreb, account number 1110135015, IBAN: HR08 2340 0091 1101 3501 5; SWIFT No: PBZGHR2X

The journal is completely published on the Internet.

The Journal is financially supported by the following institutions: Ministry of Science, Education and Youth, University of Dubrovnik, Atlantska plovidba d.d., Dubrovnik Tourist Board, Dubrovnik-Neretva County, Society of Friends of Dubrovnik Antiques.

© University of Dubrovnik. All rights reserved.

This work is licensed under a Creative Commons Attribution 4.0 International License.