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Editorial preface

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Dear Readers,

It is my great pleasure to present to the new issue 50 (122) of the Scientific Journals of the Maritime Academy in Szczecin. This publication contains the most recent research results on marine engineering, energy, navigation and transport engineering.

The introductory article in this issue has been prepared by Dr Floris Goerlandt, a researcher from Aalto University, Helsinki. It focusses on modelling oil spill scenarios from tanker collision accidents in the Northern Baltic Sea. This publication has been financed from the funds for activities of promoting science: grant No. 790/P-DUN/2016 of the Polish Ministry of Science and Higher Education. It is my expectation that this material will be attractive to all readers interested in the issues of security in marine transport and minimising the results of ecological disasters.

The Marine Technology and Innovation section contains papers on infrared cameras used in detecting sources of fire on ships, estimating oil consumption based on ship service parameters in real weather conditions, and on the effect of the angle of attack on the generated water wave propagation.

The Navigation oriented section includes papers on the concepts of route prediction for a person drifting in water, analyses of vessels traffic flow on a waterway bend as well as radiocommunication and detection of spoofing using differential GNSS.

The Transportation Engineering section contains articles addressing inland transport, operation of a sea port and vehicle safety.

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I strongly encourage and invite authors to submit their work and readers to forward their comments to the journal.



Leszek Chybowski, DSc PhD CRP
Editor-in-Chief

