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Editorial preface

Leszek Chybowski

Maritime University of Szczecin
1–2 Wały Chrobrego St., 70-500 Szczecin, Poland
e-mail: l.chybowski@am.szczecin.pl

Dear Readers,

I am pleased to present the latest 55(127) issue of the Scientific Journal of the Maritime University in Szczecin. In the current issue, we publish the results of the latest research from the fields of marine engineering, transport and logistics, navigation, and career development within the maritime industry.

The introductory article is entitled "TRIZ: Theory of Solving Inventive Problems to support engineering innovation in maritime industry". It is written by a world-class specialist in innovation development – Valeri Souchkov, lecturer at the University of Twente (Enschede, The Netherlands) and lecturer in the TIAS Business School (Tilburg, the Netherlands). He is a Founding Member and of ETRIA (the European TRIZ Association), and head of ICG Training & Consulting (Enschede, the Netherlands). The paper presents selected issues relating to the utilisation of TRIZ methodology in solving novel problems in the marine industry. The publication was funded by the Ministry of Science and Higher Education of Poland, from funds for science-promoting activities: grant no 790/P-DUN/2016. I hope that the interdisciplinary nature of this material will make it attractive to all our readers.

In the Marine Technology and Innovation section we have included articles devoted to the analysis of hydrodynamic performance of Horizontal Axis Tidal Stream Turbines, a comparative analysis on class inspections of ship mechanisms, and the experience in the operation of marine engines running on gas.

The Navigation and Maritime Transport section contains articles regarding the navigation safety in the entry area of the Świnoujście port, and the accuracy of bathymetric data in the electronic navigational charts.

Papers regarding urban transport and optimisation of logistics processes are presented in the Transport Engineering section.

In Miscellaneous section, the decision-making process concerning a career path in the maritime industry is given. To solve this decision, a model based on a hierarchical decision-making process (AHP) and fuzzy logic was applied.

I would like to take this opportunity to encourage authors from around the world to publish their research results in the Scientific Journals of the Maritime University of Szczecin. All readers are invited to visit our new website, with its new visual form. This link http://scientific-journals.eu/ will grant you access to electronic versions of the current and archival issues of this journal.

Assoc. Prof. Leszek Chybowski
Editor-in-Chief
Szczecin, 15.09.2018