FOREWORD FROM THE EDITOR-IN-CHIEF

Welcome to the first issue for the year 2023, a significant milestone for us as we celebrate the centennial of the Republic of Türkiye, the quarter-millennial anniversary of the Turkish Naval Academy (TNA), and the vicennial celebration of the Journal of Naval Sciences and Engineering (JNSE). These historical connections symbolize the remarkable progress achieved by our country, academy, and journal.

In this issue, we are delighted to present five research papers that contribute to the advancement of naval sciences and engineering. These papers cover a wide range of topics, including the production of translucent alumina ceramics by tape casting, spectroscopic investigation of argon glow discharge in a plasma medium, thermal analysis of XLPE insulated submarine cables for different loading conditions, scale effects on the linear hydrodynamic coefficients of DARPA SUBOFF, and numerical investigation of HVAC systems in a naval ship compartment.

We would also like to remind you that starting from September 1, 2022, we have been providing Digital Object Identifiers (DOIs) for accepted papers, ensuring their persistent identification. Additionally, we have implemented a new publishing process where papers are made available online before the printed hardcopy format, allowing for broader accessibility and faster dissemination of research findings.

Our November 2023 issue is dedicated to highlighting cutting-edge advancements and research in naval technology and engineering. We have published a call for papers online, encouraging submissions on various topics, including 3D modeling, digital twin technology, IoT applications, 3D printing, virtual and augmented reality, high-performance computing, automation with robots, drones, and autonomous vehicles, shipyard construction and maintenance cost analysis, lean production methodologies, corrosion protection, wearable technologies for personnel monitoring, and big data analytics in preventive maintenance. We eagerly invite researchers and scholars to submit their work, contributing to this issue. The submitted

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papers in these areas will be given special attention alongside the journal's regular coverage, offering a comprehensive exploration of the latest advancements in naval sciences and engineering.

We would like to extend our heartfelt gratitude to the authors for their valuable contributions to this issue, as well as our dedicated editorial and advisory board members for their expertise and guidance. We are also immensely grateful to the diligent reviewers who have generously contributed their time and expertise to ensure the quality and rigor of the papers published in this issue. Your insightful feedback and constructive criticism have played a vital role in shaping the content of this journal.

Additionally, we would like to express our appreciation to our readers for their continued support and trust in JNSE. Thank you all for your invaluable contributions.

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Journal of Naval Sciences and Engineering