Preface

The International Scientific and Practical Conference “Water Supply and Wastewater: Disposal Design, Construction, Operation and Monitoring” has become an important platform for bringing together researchers, engineers, practitioners, representatives of public authorities, and industrial enterprises to discuss pressing issues and contemporary challenges in the field of water management.

This publication includes scientific papers and analytical studies that reflect the current state and future prospects for the development of water supply and sewerage systems under increasing environmental and climate-related risks, drinking water and wastewater treatment technologies, and methods for sludge treatment and disposal.

Particular attention was paid to the practical aspects of operating engineering systems, enhancing their reliability and energy efficiency, reducing negative environmental impacts, and adapting water management systems to the contemporary requirements of sustainable development.

The scientific approaches presented in the conference proceedings aim to identify effective solutions for integrating science, education, and the economy, and to foster cooperation among universities, research institutions, and industrial enterprises at both national and international levels.

Discussion of key water supply and sewerage issues within the conference framework contributed to the formation of a shared vision for the sector's further development, the identification of strategic priorities, and the exchange of best international practices.

A significant role in the conference was played by the younger generation of researchers and professionals, who actively engage in research, the development of innovative technologies, and the implementation of modern engineering solutions.

We hope that the materials of this publication will serve as a valuable source of knowledge for the scientific community, design and operating organisations, public authorities, and businesses, and will contribute to the development of efficient and sustainable water supply and sewerage systems.

We sincerely thank all authors, reviewers, and organisers for their contribution to the preparation of this publication and invite them to further fruitful cooperation.