

Preface

Promoting Innovative Development and International Cooperation of Prestress Technology

Limin Sun (Editor-in-Chief)

In the past three decades, China has constructed a large amount of mega projects of infrastructures including the long-span bridges and the high-rise buildings with the world records. One of the most important supporting technologies is prestress technology, which has driven the development of bridges and building structures towards larger, longer, higher, stronger, lighter, and more durable. Prestress technology has also been widely applied in multiple engineering fields such as nuclear power, wind power, storage tanks, water conservancy, and geotechnical engineering.

As early as 2004, the previous generation of the community of prestress technology in China had established the Chinese journal "Prestress Technology". Prof. Li Guohao, a famous bridge engineering expert in China, former president of Tongji University, and senior academician of the Chinese Academy of Sciences and the Chinese Academy of Engineering, handwrote the title for the journal. They made important contributions to promoting the progress of prestressed technology in China. This bi-months Chinese journal was jointly sponsored by Zhan Tianyou Civil Engineering Foundation and R&D Fund from Liuzhou OVM Machinery Co., Ltd, and had been issued 125 issues as of December 2017. The journal has been fully indexed by Chinese databases such as CNK, SWIC, and Airiti Library (Huayi Online Library) and has a high influence in the industry, and has the conditions to develop towards internationalization.

In 2022, complying with the trend of internationalization, after consultation among the relevant parties, the journal was changed to the English one (ISSN: 2521-9480, eISSN: 2959-5177). The new English journal *Prestress Technology* (PT) is sponsored by Tongji University, with the supports of Tongji Architectural Design and Research Institute and Liuzhou OVM, PT aims to become an international window and platform for academic exchanging, R&D achievement presenting, and engineering project reporting on prestressed technology. The journal will pay attention to the latest progress and application of prestressed technology from the views of new technologies, new materials, new structures, and new products, and strive to become a professional academic journal with international influence. Based on the above thoughts, PT has invited an editorial committee, including domestic and international experts and scholars, to organize and review manuscripts, and we continue to welcome colleagues willing to contribute to the development of the journal to join us.

Prestress Technology (PT) publishes original research in prestress/cable theoretical and experimental researches, design and analysis, construction method, development and application of new materials, equipment and technology, as well as related engineering project reports. The readership includes experts, scholars, engineering technology and management personnel from universities, research institutions, design and construction firms, as well as material and product manufacturers. This journal is tentatively scheduled to be a quarterly issue, both in paper print and electronic.

Prestress Technology (PT) adheres to the principle of technology first, based in China, and facing the world, and actively shares the latest research ideas and achievements of domestic and international peers in this field. We hope that our colleagues

Citation: Sun, L. Promoting Innovative Development and International Cooperation of Prestress Technology. *Prestress Technology* 2023, 1, 1-2. <https://doi.org/10.59238/j.pt.2023.01.000>

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and readers kindly support and pay attention to our new journal, and we welcome your contributions to this journal. The editorial board will feedback your high-quality scientific papers or project reports with our fullest enthusiasm, most sincere service, and greatest efforts. Taking this opportunity, we would also like to express our thanks for the valuable suggestions and important contributions from the editorial board members and reviewers for the restart of the journal. We look forward to the bright future of *Prestress Technology* (PT)!

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