

Preface

With the progress of human civilization and the continuous development of science and technology, the research in the field of structural and civil engineering has become increasingly in-depth, and new technologies, materials, and concepts are emerging in an endless stream. The 2024 The International Conference on Structural and Civil Engineering (ICSCE 2024) has been held successfully in Madrid, Spain from September 10 to 12, 2024, against this backdrop.

The conference covers a wide range of topics, including sustainable building materials and technology, civil and structural engineering, architecture and urban planning, and many other aspects. These topics not only reflect the current hot and difficult issues in the field of structural and civil engineering, but also reflect a deep insight into the future development trend. During the three-day conference, participants have had the opportunity to listen to the wonderful speeches of experts and scholars from all over the world, share their research results and academic insights and jointly explore the future development direction of the field of structural and civil engineering.

The publication of this conference proceedings is an important manifestation of the results of the ICSCE 2024 conference. The collection of papers includes high-quality academic papers, which not only shows their latest research results in the field of structural and civil engineering, but also reflects their rigorous attitude and innovative spirit in academic research, providing a valuable academic exchange platform for the participants and important academic support for the further development of the related fields.

During the compilation of the collection of papers, we have received strong support and selfless dedication from many experts and scholars. They not only provide high-quality academic papers, but also put in hard work and sweat during the review, revision, and proofreading process of the papers. Here, we express our heartfelt appreciation and high respect to all the experts and scholars who have contributed to the publication of the conference proceedings.

We look forward to jointly promote the continuous progress and development of the fields of structural and civil engineering, providing a broader academic exchange platform for experts and scholars in this field!

Conference Chairs

Diogo Ribeiro, Polytechnic of Porto, Portugal

Paulo Mendonça, University of Minho, Portugal