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Visit of China Three Gorges University 2024.09.13

Academician C. F. Li of the Chinese Academy of Engineering, Prof. D. S. Li, Vice President of China Three Gorges University, Prof. G. D. Zhang, Secretary of the Party Committee of the School of Civil and Architecture, Prof. L. H. Wang, Vice Dean of the Graduate School, Prof. Z. Y. Tan, Dean of the Institute of Science and Technology Development, Prof. Z. Y. Xia, Director of the Personnel Office, Prof. H. F. Deng, Executive Dean of the School of Civil and Architecture, and Associate Professor X. L. Xu of the Department of Geotechnical Engineering of the School of Civil and Architecture visited CNERC on 13 September 2024, and had an in-depth exchange with the research team of CNERC on scientific research and engineering application of 690 MPa high-strength steel structures. Prof. J. M. Ko of PolyU, Dr. Andy Leung of CNERC, Research Fellow Dr. X. L. Yu, Postdoctoral Fellows Dr. P. F. Men, Dr. B. Li, Dr. K. Y. Ning, and Dr. X. F. Yang participated in the discussion.

Dr. Men systematically introduced CNERC's research work on 690 MPa high-strength steel structures over the past decade. Starting from mechanical properties and microstructure analysis of high-strength steel, research field has gradually expanded to welding process and quality control of high-strength steel, performance and numerical simulation of high-strength steel structures, design methods, and standard formulation, and finally promoted its application in engineering projects in Hong Kong, Macau, and mainland China, such as the Tseung Kwan O Cross Bay Link Double Arch Steel Bridge, which has been completed and put into use, the roof structure of the swimming pool in Kowloon Park, and the steel structure roof of the Yuen Long Sports Center, which is still under construction. The report was detailed and rich in content, and Academician Li and the leaders of China Three Gorges University responded positively and enthusiastically.



Group photo of Academician Li, Prof. Li, Prof. Ko and the research team of CNERC