# **ICCREM 2023**

## THE HUMAN-CENTERED CONSTRUCTION TRANSFORMATION

## PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON CONSTRUCTION AND REAL ESTATE MANAGEMENT 2023

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### **Preface**

We would like to welcome you to the 2023 International Conference on Construction and Real Estate Management (ICCREM 2023), organized by Harbin Institute of Technology, Xi'an University of Architecture and Technology, the Hong Kong Polytechnic University, Tsinghua University, Umeå University, Beijing University of Civil Engineering and Architecture, Louisiana State University, University of Alberta, Guangzhou University, Marquette University, Nottingham Trent University, and Chongqing University. The Conference is a continuation of the ICCREM series which have been held annually since 2003.

The theme for this conference is "The Human-Centered Construction Transformation". It especially highlights the role of people in the construction transformation. The conference proceedings include 121 peer-review papers covered fourteen important subjects. And all papers went through a two-step peer review process. The proceedings of the congress are divided into four parts:

- Human-centered construction transformation
- Sustainable Construction and Green Buildings
- Analysis of Real Estate and Urban Management
- Intelligent Construction and Project Management

On behalf of the Construction Institute, the American Society of Civil Engineers and the 2023 ICCREM Organizing Committee, we welcome you to participate in the conference and wish you leave with a wonderful experience and memory at ICCREM 2023.

**Professor Yaowu Wang**Harbin Institute of Technology
P. R. China

**Professor Feng Lan** 

Xi'an University of Architecture and Technology P. R. China

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