

Preface

On September 15-16, 2012, the first International Conference on Advances in Civil Infrastructure Engineering (ICACIE 2012) was held in Changsha, Hunan, China. The ICACIE 2012 aims at bringing together engineers and researchers with interests in civil infrastructure engineering and prompting the exchange of ideas and experience among participants to consolidate knowledge of recent developments in these important areas of technology.

The conference covers a broad spectrum of topics related to civil infrastructure engineering, which range from structural engineering, bridge engineering, geotechnical engineering, wind engineering, tunnels, subways and underground facilities, seismic engineering and disaster prevention and mitigation and protection engineering. Two hundred and thirty-one high-quality papers, including 9 Keynote papers, were finally accepted and collected in the present proceedings.

We would like to extend our appreciation to all participants in the conference for their great contribution to the success of the conference. We would like to thank the keynote and invited speakers and all participating authors for their hard work and time spent to prepare the final papers included in the proceedings. We also sincerely appreciate the financial support from the National Natural Science Foundation of China, Central South University of Forestry and Technology, Central South University, Xiangtan University, Changsha University of Science and Technology, Hunan University of Science and Technology, Hunan University of Technology, University of South China, Hunan Provincial Communications Planning, Survey and Design Institute and Foshan Hightway and Bridge Construction Co., LTD.

Finally, we would like to extend our appreciation to all members of the International Scientific Committee and the Local Organizing Committee, whose contributions make this conference possible.

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Chairman, President of Central South University of Forestry and Technology

Changsha, China

October 24, 2012

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