

# Preface

The 4th International Conference on Civil Engineering and Transportation took place in Kunming, China, December 24-25, 2014. The impact of construction technology and transport infrastructure development is known to be significant on the economy of any country. Therefore, the International Conference on Civil Engineering and Transportation is aspired to promote construction practices and create awareness among different industry professionals. And the main aim of this conference is to bring together academics and other professionals from all over the world, for the presentation and exchange of their thoughts and experiences on concepts, trends and practices in civil engineering and advanced transportation fields. The conference is intended to offer a stimulating environment to encourage discussion and exchange of ideas leading to the advanced construction technology and transportation.

All the papers in the conference proceedings have been undergone the intensive review process performed by the international technical committee, and only accepted papers are included. This volume comprised the selected papers from the subject areas of Structural Engineering; Geotechnical Engineering and Geological Engineering; Bridge Engineering; Earthquake Engineering; Tunnel, Subway and Underground Facilities; Hydraulic Engineering, Water Supply and Drainage Engineering; Coastal Engineering; Surveying Engineering, Cartography and Geographic Information Systems; Ecological Architecture and Energy Consumption, Energy Saving, Heating, Gas Supply, Ventilation and Air Conditioning Works; Disaster Prevention and Mitigation Engineering; Computational Mechanics and Mathematical Modeling; Construction Project Planning and Monitoring; Roads, Railway Engineering and Landscape Design; Transportation Planning, Construction and Operation Organization; Modern Logistics Systems and Supply Chain; Automotive Engineering and Other Vehicle Tools; Intelligent Transportation Theory and Application; Transportation Control and Information Technology; Transportation and Economic Development, and Low Carbon Transportation; Public Transport Planning and Management; Architectural Design and Theory; Building Technology and Science; Urban Planning and Design, Landscape Design; Environmental Engineering and Environmental Protection; Sustainable City and Regional Development; Building Materials, Processing Technology and Applications.

We would like to acknowledge and give special appreciation to our keynote speakers for their valuable contribution, our delegates for being with us and sharing their experiences, and our invitees for participating in this conference. We would also like to extend my appreciation to the steering Committee and the International Scientific Committee for the devotion of their precious time, advice and hard work to prepare for this Conference.

## ***The editors***

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