

Preface

The International Conference on Structures and Building Materials (ICSBM) is the premier forum for the presentation of new advances and research results in the fields of civil engineering and materials. This conference series bring together international scientific community, academics and practitioners, researchers and students and provide an opportunity to discuss and share recent advances in both research and practice about all aspects of building materials and diagnostics of civil engineering, building, structures and geotechnics. After the very successful previous issues ICSBM'2011 (Guangzhou, China) and ICSBM'2012 (Hangzhou, China), the ICSBM'2013: 3rd International Conference on Structures and Building Materials was held successfully in Guiyang, China, from March 9 to 10, 2013.

This book is a collection of accepted papers. All these accepted papers were subjected to strict peer-reviewing by 2-4 expert referees. The book is divided into 18 chapters, including Geological and Geotechnical Engineering, Structural Engineering, Bridge Engineering, Tunnel, Subway and Underground Facilities, Road and Railway Engineering, Seismic Engineering, Computational Mechanics, Traditional Construction Materials, Advanced Construction Materials, Energy-Efficient Technologies in Buildings, Architectural Design and Its Theory, Architectural Environment and Ecological Environmental Protection etc. This book will not only provide the readers a broad overview of the latest advances but also provide the researchers a valuable summary and reference in this field.

We would like to express our sincere appreciations to all the authors for their contributions to this volume. We are indebted to all the referees for their constructive comments on the papers. Thanks are also given to Trans Tech Publications for producing this volume.

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(ICSBM 2013)

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