

Preface

The 1st International Conference on Advances in Civil Engineering and Materials (ACEM1) and 1st World Symposium on Sustainable Bio-composite Materials and Structures (SBMS1) were held successfully on November 9-11, 2018 in Nanjing, China.

The main goal for International Conference on Advances in Civil Engineering and Materials (ACEM) and World Symposium on Sustainable Bio-composite Materials and Structures (SBMS) is to provide a platform for experts, scholars, students, engineers and entrepreneurs engaged in civil engineering and material research from all around the world to share cutting-edge technologies and scientific research results. In recent years, with the rapid development of civil engineering, a variety of new material structure systems are emerging, and the research on biomass composites and structures has attracted wide attention. The conferences will be held every year, making it an ideal platform for exchanging opinions and experiences in the fields of civil engineering and biomass composites and other related areas. The original papers describing an idea or concept, addressing issues and problems, or focusing empirically on potential or realistic fields will be invited.

ACEM1 and SBMS1 have received more than 100 papers from both academia and industry concentrating on the topic of civil engineering and biomass composites. Based on the strict peer review, 63 papers were accepted for the conference and will be published in the special conference proceeding. There are five main Topics in this paper: bio-composite Materials and Structures, New Materials and Structural Engineering, Geotechnical and Tunnel Engineering, Road and Bridge Engineering, and Other Related Topics. This collection provides readers with a broad view, summarizes the latest research progress, and provides valuable reference for researchers.

We would like to thank the members of the scientific committees and all the referees who participated in the review for their valuable comments. Thanks are also given to EDP Sciences – Web of Sciences for producing the volume.

The organizing committee of ACEM1 and SBMS1