

# Preface

The aim of Global Conference on Civil, Structural and Environmental Engineering is to create a venue where researchers from around the world can reflect on progress made in the scientific study in civil and environment field. The first conference was taken place in Yichang, China, in 2012. The combined conference is organized by China Three Gorges University, Geoenviornmental Engineering Branch of Chinese Society for Rock Mechanics and Engineering, The Ground Rock Engineering Committee of Chinese Society for Rock mechanics and Engineering, The Fluid Mechanics Committee of the Chinese Society of Mechanics, and Hubei Society for Rock Mechanics & Engineering.

Following the success of the inaugural conference, the second conference (GCCSEE 2013) was successfully held in Shenzhen, China, September 28-29, 2013. This conference is organized by Liaoning Technical University and proceed to bring together leaders from industry and academia to exchange and share their experiences, present research results, explore collaborations and to spark new ideas, with the aim of developing new projects and exploiting new technology in this field.

We are grateful to all the authors, referees and organizations who have made these volumes possible and hope that it becomes an invaluable reference both for the civil and environmental engineering profession.

***The editors***

# **2013 2nd Global Conference on Civil, Structural and Environmental Engineering**

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