



Research, Development,
and Practice in
**Structural
Engineering
and Construction**



Edited by

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With the current advanced stage of technology and globalisation, keeping abreast with worldwide research, development, and practice is necessary for progress. In addition, there is an increasing demand for career migration regionally and internationally. It is therefore imperative to have a platform for researchers and practitioners to learn from one another at an international level to exchange ideas and network.

This book presents 184 peer-reviewed articles from 38 countries by 372 researchers and practitioners worldwide. The articles represent some of the latest trends and developments in structural engineering and construction. The topics included in this book are in the broad area of air and water, architecture and architectural engineering, coastal engineering, construction, construction safety, cost control, disaster management, energy, facilities and asset management, geotechnical and foundation engineering, housing, infrastructure, law and dispute resolution, materials, policies for national development, procurement, productivity, project management, quality, risk analysis, structures, education, and sustainability.

The book is informative with recent developments and new trends among academics and industrial practitioners, which will inspire the structural engineering and construction community.