

# International Conference on Advances in Civil and Environmental Engineering

## ICAnCEE 2018

Bali, Indonesia, 24-25 October 2018



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## **PREFACE**

Dear speakers, reviewers, committees, and participants,

A joint-host event by Faculty of Engineering, Universitas Riau and Faculty of Engineering, Universitas Udayana, the International Conference on Advances in Civil and Environmental Engineering (ICAnCEE 2018) was held in Bali, Indonesia, 24-25 October 2018. ICAnCEE 2018 is a part of the International Collaboration Conference on Engineering and Applied Sciences (ICCEAS 2018). The conference aims to share knowledge, exchange ideas, and develop networks among engineers, researchers, academics, scientists, practitioners, and professionals in both areas.

The conference theme was Civil and Environmental for Green Technology and Sustainable Development. There were six major scientific areas in this event, namely Structural Engineering, Construction Management, Transportation Engineering, Hydrotechnical Engineering, Geotechnical Engineering, and Environmental Engineering. More than 150 research papers have been presented by keynote speakers, invited speakers, and participants within two days. The accepted papers have been evaluated through a peer-review process by the international scientific committee/reviewers and edited by our guest editors, editors and editorial assistants.

We would like to thank the speakers, participants, contributors, partners, professional association, and all members of the Steering Committee, Organizing Committee, International Scientific Committee, Editorial Technical Supports, and colleagues/students for their support and valuable work. We hope the proceedings will have a positive contribution to the development of green technology and the achievement of the Sustainable Development Goals in Civil and Environmental Engineering areas.

Chief Editor of ICAnCEE 2018  
Pekanbaru, Indonesia, February 2019

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