

# Preface

On behalf of the Organizing Committee, we are delighted to issue the journal which contains papers presented at the first International Conference on Material, Machines and Methods for Sustainable Development (MMMS) from 18-19 May, 2018 in Danang, Vietnam. The MMMS2018 continues enabling researchers from all over the world to share their research and accomplishments as well as review the research currently being conducted by their peers.

The purpose of the journal is to explore and ensure an understanding of the critical aspects which contributed to sustainable development, especially materials, machines and methods. From such understanding, the conference aims at an overall approach to assist policy makers, industries and researchers at various levels to position the local technological development towards sustainable development in the global context, to assist decision making towards a greener approach especially for material, machines and methods.

We would like to express our gratitude to the members of International Organizing and Academic Committees of the Conference, for their hard work and advices which were helpful in maintaining the high level of the Conference. We also thank the Trans Tech Publications Inc. for the publishing the selected papers in the journal of Applied Mechanics and Materials. We hope that all the papers will become a source of valuable information in the scientific work for academics, researchers, engineers and students.

Best regards

Banh Tien Long,

Hyungsun Kim,

Kozo Ishizaki,

Nguyen Duc Toan,

Nguyen Thi Hong Minh



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