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10th International Conference on Combustion, Incineration/pyrolysis, Emission and Climate Change

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Preface

The International Conference on Combustion, Incineration/Pyrolysis, Emission and Climate Change (i-CIPEC) is an important conference focusing on thermal engineering related research topics. The main target of this conference is building a platform for the scientists and engineers to share their research output and experience. i-CIPEC began at Korea since 2000 and following seven conferences were successfully held in Jeju of Korea in 2002, in Hangzhou, China in 2004, in Kyoto, Japan in 2006, in Chiang Mai, Thailand in 2008, in Kuala Lumpur, Malaysia in 2010, back to Seoul, Korea in 2012 and Hangzhou, China in 2014, in Kyoto, Japan in 2016. More than 180 specialists from 14 countries have participated in the previous conference.

The 10th i-CIPEC was hosted by the Department of Mechanical and Aerospace Engineering, Faculty of Engineering, King Mongkut's University of Technology North Bangkok, Bangkok, Thailand. The conference was held at Arnoma Grand Hotel, Bangkok, during 18-21th December, 2018. The scientific program covered a wide range of topics, including combustion, waste to energy conversion, conversion to clean energy, emission control, global warming, environmental health effect, economy and policy and other related topics. This year conference brought together more than 150 delegates from Asia, Europe and North America to exchange knowledge by in-depth discussions and to promote international and multidisciplinary collaborations under the theme of "Waste Resources to Renewable Energy". This volume of IOP Conference Series: Earth and Environmental Science includes 22 selected papers presented in the conference. These peer-reviewed manuscripts are qualified representations of the conference topics and will raise readers' interest in these areas. On behalf of the editing team, we would like to express our gratitude to the members of both the Conference Program Committee and the Organizing Committee, whose commitment and tireless devotion led to the success of this conference. We are also pleased to acknowledge our partners, sponsors, and participants for their contribution. Finally, we are grateful to King Mongkut's University of Technology North Bangkok for the financial support of i-CIPEC 2018.

Assoc. Prof. Dr. Somrat Kerdsuwan
Conference Chair of i-CIPEC 2018

