

PAPER • OPEN ACCESS

Proceedings of the 3rd International Conference on Science and Technology Applications in Climate Change

To cite this article: 2019 *IOP Conf. Ser.: Earth Environ. Sci.* **228** 011001

View the [article online](#) for updates and enhancements.

Preface: Proceedings of the International Conference on Science and Technology Applications in Climate Change (STACLIM 2018)

The 2018 International Conference on Science & Technology Applications in Climate Change (STACLIM 2018) took place in Melaka, Malaysia between November, 14 and November 15, 2018. STACLIM 2018 was organised by the Institute of Climate Change, Universiti Kebangsaan Malaysia and involves the cooperation of Universiti Teknikal Malaysia Melaka (UTeM). The conference was the continuation of the 2014 and 2016 STACLIM conference series. This biennial conference series aims to confront various challenges pertinent to climate change and proffer opportunities to better understand how science and technological applications can play significant roles for drawing the immediate attention of people and providing action plans.

The third series of the conferences, with the theme “Fourth Industrial Revolution (4IR) for Sustainable Environmental Application”, continues with the intention of bringing together scientists, engineers, students and researchers from all over the world to present and discuss their research findings, and offer them a platform for enabling their contributions to address global climate change issues. The conference has attracted participants from the United States, United Kingdom, India, China, and local.

This conference is expected to provide an excellent opportunity to foster discussion and collaboration among researchers working in the fields of Environmental Science, Health Sustainability, Mathematics, Sustainable Energy, Economic Sustainability, Socio-Cultural Studies, Social Science, Atmospheric Science, and others. The conference is joined by five keynote speakers who are leading experts from reputable organizations such as Dr. Matthew Ashfold from University of Nottingham Malaysia Campus; Prof. Dr. Gaopeng Lu from Chinese Academy of Sciences, Beijing, China; Assoc. Prof. Dr. Maizatun Mustafa from International Islamic University Malaysia (IIUM); Assoc Prof. Dr. Rawshan Ara Begum from Kumamoto University, Japan and Dr. Alison Copeland from Newcastle University, United Kingdom. The keynote speeches covered various themes and sessions presented at the conference such as Internet of Things for Atmospheric Observation, Space Weather, Policy in Climate Change, Economic Sustainability as well as Environmental Health and Sustainability.

We would like to thank all members that participated in any way in the STACLIM 2018 conference especially to the co-organising university for their support and development of a high-quality conference scientific level and profile, to the members of the Scientific Committee that honoured the conference with their presence and provided a significant contribution to the



review of papers. Special thanks should also be given to all members of the Organising Committee for their help, support and spirit participation before, during and after the conference. Lastly, our deepest appreciation also goes to the keynote speakers, authors, and everyone, who contributed directly or indirectly from all over the world, whose support and encouragement is of paramount importance towards the success of this conference. The STACLIM 2018 proceeding is a credit to a large group of people, and everyone should be proud of the outcome.