

EDITORIAL PREFACE

This special issue's theme, 'Green and Affordable Design for a Sustainable Future' has invited various papers in interdisciplinary knowledge that contributes towards solving present and future environmental issues. The adaptation of green method and affordable approach provides alternative strategies in creating a more sustainable living environment. Thus, the theme is supported by three sub-themes, which includes Environmental and Urban Sustainability, Human Health and Well-being and Resource Efficiency and Resource Use. This special issue contains 35 papers selected from the papers presented at the Sustainable Tropical Environmental Design Conference 2015 (SusTED'15), held December 2-3, 2015, Palm Garden Hotel, IOI Resort, City Putrajaya. The papers published here are representative of the best work presented at SusTED'15.

Thirteen papers focus on Environmental and Urban Sustainability. The motivation behind environmental and urban sustainability lays novel and critical ideas that embrace knowledge in economics, infrastructure, social, recreation and disaster management. Thus, the papers presented in the sub-theme encompasses sustainable urban planning and infrastructure, economy regeneration, recreational living, nature landscape, open spaces, environmental and ecological improvement, habitat rehabilitation and green infrastructure.

In Human Health and Well-being, eleven papers were presented in the sub-theme. The main topic addressed are both in indoor and outdoor observations on environmental and therapeutic treatments. Additionally, there are papers that also talks about the comparison of exercising in a green outdoor environment versus indoor activities for hospital patients, reuse of compressed containers for bike frame and mixed-mode ventilation in Malaysia's shopping malls.

The third sub-theme, Resource Efficiency and Resource Use look into state-of-the-art innovations and methods in determining resources efficiency and urban sustainability. Eight papers were selected for this sub-theme, namely, thermal sensation on transient conditions, green roof technology, sanitation for timber house, waste management, solar thermal system, green concrete, gas turbine efficiency improvement and lastly combined heating, cooling and power system in a sustainable building complex.

Finally, we would like to thank the authors for their contributions and the anonymous referees for their hard work that helped improve the quality of this issue. It was a pleasure to edit this special issue for ALAM CIPTA, International Journal of Sustainable Tropical Design Research and Practice.

Mohd Fairuz Shahidan
Guest Editor, ALAM CIPTA