

EDITORIAL PREFACE

INNOVATION IN BUILT ENVIRONMENT FOR HUMAN COMFORT

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We rely on innovative approaches to meet our needs as our social and physical environment keep on evolving. Human satisfaction has been the centre of discussions as it keeps on changing over time. It is the aspiration of all designers that success in design links closely with satisfaction. In search of fulfilling human needs, the first two papers investigate people satisfaction on built environment: residential and pedestrian satisfaction. The world is aging, so does the population. Different from other culture, Malaysia, particularly for Muslim community, a 'pondok' system is proposed to cater those at retirement age, as discussed in the third paper.

The second part of this issue presents discussions on new technology and innovative approaches in built environment and design. Issues range from the use of Agent Based Modelling, inexpensive solar panel, designing based on climate and eye movement study.

The last part covers the need to preserve historical building in the midst of current development pressure. One way is to select proper activities to provide maximum return in reusing and preserving the value of historical

buildings. The last paper proposes interesting attempts to link the evolution of mathematic with geometrical design in dome structure in Persian Architecture.

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We appreciate continuous support from contributors, reviewers and readers for the success of this journal.

We believe that knowledge and insights presented in this issue will benefit readers and become impetus for a broad interdisciplinary knowledge on sustainable design.

