

## Preface

The discipline of surveying and technology is very related and important to the development industry. Building and infrastructures such as road, drainage, sewerage, water supply, power supply and communications are always part and parcel of any development works. In the 9<sup>th</sup> Malaysia Plan, the government has allocated more than RM 14 billion for infrastructure development and another almost RM 5 billion for infrastructure maintenances.

In order to achieve this goal we need the contributions of academicians, researchers, professionals and undergraduates to underpin the effort in advancing innovation in building and infrastructure technology. It is this factor that School of Housing, Building and Planning, Universiti Sains Malaysia gather for the Conference and by understanding the current phenomenon of sustainability development in building and infrastructure technology through research showcase and academic forum, together we encompass a shared vision, mutual understanding and trust in addressing the industry about the opportunities and challenges for growth in the future.

This conference will bring together experts and practitioners from local and overseas who work in infrastructure, building and construction fields. The participant and presenters will discuss about case studies, emerging technologies, and the business side of building infrastructure technology. This event will be the best platform to discuss new strategies for the coming Malaysia's RMK10 projects especially in terms of emerging technologies. The objectives of the conference as follows:

- Providing an opportunity for Malaysian academicians, researchers, professionals and undergraduates to present and challenge the cutting edge research projects that facilitates exchange of knowledge, acknowledges latest findings and stimulates innovative approaches.
- Offering a platform for Malaysian researchers and professionals to pursue their learning and research interests through the presentation of specific case studies that encourages inter-disciplinary discourse and provides opportunity for recognising the connection between innovation and commercialisation.
- Fostering a network for academicians, researchers, professionals and undergraduates through the formation of special interest groups in the field of building and infrastructure technology from Malaysia and overseas that enables research and education collaboration.

This conference includes a total of 21 papers related to building surveying and building technology fields. Finally I would like to thank the members of the scientific committee who did a wonderful work in reviewing the submitted abstracts, the members of the organizing committee and the authors for their contribution to the success of the conference.

**Md Azree Othuman Mydin**  
*Chairman and Editor-in-chief*