

Preface

The Emerging Technology for Sustainable Development Congress (ETSDC2014) will take place on 5th August 2014 at Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia (UKM), Bangi 43600, Malaysia. ETSDC2014 was initially created by a network of researchers, academicians, professionals and practitioners from academia and industry in the areas of Building Surveying and Civil and Structural Engineering.

It should be pointed out that the discipline of surveying, technology and engineering is very related and important to the development of the sustainable construction. In order to achieve this goal we need the contributions of academicians, researchers, professionals and practitioners to underpin the effort in advancing innovation in building surveying, engineering and technology. It is this factor that Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia (UKM) gather for the congress 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 congress 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 surveying, engineering and technology. This event will be the best platform to consider new strategies in terms of emerging technologies in Malaysia. The objectives of the are to provide an opportunity for Malaysian academicians, researchers, professionals and practitioners to present and challenge the cutting edge research projects that facilitates exchange of knowledge, acknowledges latest findings and stimulates innovative approaches. Secondly, to offer 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. And finally to foster an association and a network for academicians, researchers, professionals and practitioners through the formation of special interest groups in the field of building surveying, engineering and technology from Malaysia and overseas that enables research and education collaboration.

ETSDC2014 includes a total of 30 high quality papers related to building surveying, engineering and technology fields. Last but not least, we would like to thank the members of the scientific committee who did a wonderful work in reviewing the submitted papers, the members of the organizing committee and the authors for their contribution to the success of the conference.

Md Azree Othuman Mydin
Adi Irfan Che Ani
Editors-in-chief