

BUILT ENVIRONMENT SERIES



SUSTAINABILITY AND ENVIRONMENTAL ISSUES

Editors

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Preface

There is an increasing demand, in both the private and public sectors, to understand sustainable construction practices. This demand is driven by a realization that sustainable practices make sense to both owners and operators. The practices not only help the environment but can also improve economic profitability and improve relationships with stakeholder groups.

The strategy and practices for more sustainable construction is a significant milestone on the road to a more socially and environmentally responsible, better-regarded construction industry. It provides a framework within which the industry can make a strong contribution to the better quality of life signaled by our sustainable development strategy.

The strategy and practices can be considered in terms of a holistic approach to sustainability embodying issues pertaining to safety; impact assessment; integration to management practices; urban planning and development and incorporation of new technologies. Such a holistic approach is beneficial to enrich knowledge in sustainable construction from a multiple perspectives in various disciplines within the reign of the construction industry.

An opportunity to benefit from experience in various sustainability practices in one publication is essential. This is the basis of producing this book. This book is a compilation of articles related to sustainability and environmental areas from an international conference (International Conference in the Built Environment held in July 2006 in Kuala Lumpur) and other relevant articles in the same subject area. It comprises of articles that will address and detail out the above sustainability and environmental issues namely;

1. Improving safety and sustainability in the context of affordable housing
2. Assessment of the economic and environmental impact of sustainable construction
3. Integration of value management practices into sustainable issues and the challenges

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Compiled materials on built environment issues is important to provide a platform for the sharing and enrichment of knowledge. This book is based on compilation of high quality articles written by a spectrum of academics and professionals experts in their respective field all of whom we would like to acknowledge with greatest appreciation.