

APPLICATIONS OF PLANNING AND DECISION SUPPORT SYSTEMS



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“I-SPACE” – UNIVERSITY’S ASSETS AND FACILITIES MANAGEMENT SUPPORT SYSTEM

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1.0 INTRODUCTION

International Islamic University Malaysia (IIUM) is a full-size university covering an area of roughly 700 acres and home to 15,000 students and 3,000 staff. To cater the needs and requirements of her population, the University established a Development Division to oversee the planning and development of buildings and facilities within the campus area, and also to ensure proper management of all her assets.

In the early period of their establishment, the Development Division had taken the tasks of planning and management of the University’s assets using paper-based system. However, as time passes by, the amount of assets being accumulated has increased tremendously, both in terms of value and quantity. By 2001, the Division concluded that managing these assets using paper-based system are becoming more and more labourious. As a result, by late 2001, the Division appointed a team of IIUM’s staff comprising lecturers from the Kulliyah (Faculty) of Architecture and Environmental Design (KAED) and officers from the Information Technology Division to develop a spatial information system for the University.



Dr. ALIAS ABDULLAH currently is the Director of Bureau of Consultancy & Entrepreneurship, IIUM, Board of Directors of IIUM Holdings Sdn. Bhd., and an Associate Professor at Department of Urban and Regional Planning, Kulliyyah of Architecture and Environmental Design, IIUM. His specialization lies in the field of Urban and Regional Planning as well as GIS, CAD and Spatial Planning and Decision Support Systems. He has achieved his PhD in Regional & Environmental Design from Kumamoto University, Japan in 1995. He received his Masters in Environmental Construction Engineering (specialization in CAD & Urban Modeling Systems) from the same University in 1992 and Bachelor (Hons.) in Urban and Regional Planning from Universiti Teknologi Malaysia (UTM, Kuala Lumpur) in 1985. He served as a Town Planning Officer with the Kuantan Municipal Council until 1992. Later he joined Universiti Sains Malaysia (USM) as a lecturer. In 1997 he was seconded to International Islamic University Malaysia to establish Department of Urban and Regional Planning at Kulliyyah of Architecture and Environmental Design. He became the first Head Department of Urban and Regional Planning. He also served as a Deputy Dean for that faculty from 1998 to 2001. Dr. Alias is also a Registered Town Planner (A008) with the Malaysian Board of Town Planners and Corporate Member (198/88) with the Malaysian Institute of Planners. He also has been appointed as an International Advisor for Asian Urban Information Center of Kobe (AUICK) from June 2004.

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