

# Collaboration, Communities, Well-being and Information System

**Abdul Rahman Bin Ahmad Dahlan  
Muhd Rosydi Bin Muhammad**



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Muhd Rosydi bin Muhammad



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#### **ABSTRACT**

The current study explores the effort Malaysia is putting in, using the knowledge and prowess enabled by the field of Information and Communications Technology (ICT), in managing both naturally and man-made disasters. It is proposed that the community through the institution of the mosque could be incorporated into a collaborative system with the government agencies on the management of such occurrences as they are seen to be the closest to the populace. This is in line with Open Innovation through the Quadruple Helix Model collaboration, as stated in the Innovating Malaysia by Agensi Inovasi Malaysia (AIM), involving the Rakyat, Government, Academia and Industry. Thus, the role of mosques as the “Center of Excellence (CoE)” and “hub” of the Malaysian community can be revived. Together with the pervasive use of information systems (IS) and ICT for citizen-centric and “whole-of-government” delivery by the government agencies in disaster risks reduction, the role of mosques can be elevated as the “Network of Excellence”.

#### **13.1 INTRODUCTION**

Organizations have come to recognize their dependence on Information Systems (IS) and ICT in their bid to achieve their mission and goals as well as to strategically position themselves for sustaining competitive advantage. Thus, it is clear that IS has become not only a success factor for survival and prosperity, but also as a means to differentiate and achieve a sustainable competitive advantage (Laudon & Laudon, 2011; Kroneke, 2011). Leveraging IS successfully to transform the enterprise