

## **Indigenous Knowledge Governance System: A holistic model for indigenous knowledge management.**

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There are more than 30 million people living in South East Asia who can be classified as indigenous minorities. For indigenous communities their knowledge is the main resource not merely for economic gains but also for their survival. The scientific community and organisations focuses on Indigenous Knowledge (IK) management as management of corpus of facts rather than management of and by a living system. IK as a living system has a much broader understanding of indigenous people and system as the community places themselves in relation to the environment in which they live. It is well acknowledged that use of ICTs for indigenous cultural preservation and revitalization can lead to several challenges. The Open Data movement is an example. This study will adapted the use of current knowledge management tools in the realization of a holistic approach to model Indigenous Knowledge Governance System (IKGS). The research methodology comprises two components first an intensive process of knowledge management system audit where the current community knowledge management practices and processes would discover while in second phase a generic framework of IKGS would propose. In this paper we present KM assessment tool for indigenous communities which has been tested in remote community in Bario, Sarawak. On the bases of our assessment of IKM of Bario, community capacity and resources, we have developed a IKGS framework and strategy map for Bario community. The framework developed has been instrumental in delivering strategies to best address the particular needs for effectively empowering indigenous communities. The newly formulated Malaysia National ICT R & D framework emphasizes on the provision of info-structures via tools, technologies and methodologies to support knowledge management (ranging from acquisition, through organization to application) as well as develop creative content with core competency in providing various media content, access, services and products. Our proposed research will support the second layer of the National ICT R & D framework that is generic processors for multilingual, multimedia, multimodal, knowledge management technology. This paper will highlight some of the lessons learnt during our replication and deployment process of the project using the eBario Project as an initial guide.

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