

Call for chapters for the book

Knowledge Management and Discovery for Development: Domains, Strategies and Technologies for Developing Countries

Editors:

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Introduction

A number of developing countries, including small island states have common problems that have affected their development and growth. If these issues can be addressed it would lead to significant improvement in economic development and growth. Knowledge management initiatives can be used to address some of these issues and so these developing countries need to understand what knowledge management initiatives are possible, how they can improve economic conditions and what is needed to get them implemented so that the benefits they offer can be realized.

Developing countries often believe that only developed countries can provide high quality solutions. This intellectual colonization has restricted certain territories in seeking and using knowledge from countries other than those considered to be developed. For information and knowledge management the research has primarily focused on the developed world; however, the decision makers in these countries may not consider the local context and the societal norms, additionally, the proposed solutions may be costly.

Many developing countries have access to technologies that can be used to assist in knowledge management. Therefore, effective knowledge management solutions must consider the context and technologies of developing countries. Relevant and low cost KM initiatives need to be considered in improving the existing KM processes in developing countries.

There is a need to identify KM practices, strategies and technologies which can be applied to areas that are critical to the growth of these developing countries. Sectors critical to the growth of developing countries include health care, crime management, disaster recovery management, small and medium size enterprise development. This book will highlight the opportunities in these sectors and provide advice as to how these countries should go about understanding, building and adopting the relevant KM strategies and technologies.

Objectives of the Book

This book fills a void in the KM literature on developing countries. This book will identify sectors in developing countries where knowledge management initiatives can yield maximum value. It will also consider the constraints of these territories in recommending appropriate technologies and strategies for KM initiatives. It will provide advice on how these technologies should be adopted in these sectors of

developing countries. This will allow these countries to reap the rewards of their investment in these systems. Additionally, the book will be a useful resource for software developers as it will contain architectures and design solutions for KMS. KM should be included in the curriculum of a number of programmes (e.g. MBA, Master in Information Systems, Undergraduate Information Systems programmes) offered in developing countries. As this book highlights issues specific to these regions it will provide a useful resource in the delivery of these courses.

Target Audience

This book will provide research relevant to developing countries. It will identify strategies and technologies that can be used to harness knowledge in essential sectors of a developing economy.

KM is being included in the curriculum of a number of programmes (e.g. MBA, Master in Information Systems, Undergraduate Information Systems programmes) offered in developing countries.

This book can be used by:

- Academics, as a text book for Information Systems courses.
- Business practitioners, as guidelines for implementation of strategies and technologies.
- Software solution providers, as the book offers designs and architectures that can be developed.

Recommended topics include, but are not limited to, the following:

- I. Theoretical aspects of Knowledge Management
- II. Knowledge Management
 1. Healthcare
 2. National Security
 3. Disaster Recovery
 4. Education
 5. Agriculture
 6. Trade
 7. Community Development
 8. SMEs
 9. Sports
 10. Product Development
 11. Cyber Security
 12. Regional Integration and Cooperation
- III. Technologies to facilitate KM
 1. Ontologies
 2. Knowledge Maps
 3. Knowledge Based Systems
 4. Knowledge Management Systems
 5. Indigenous Knowledge Systems
 6. Mobile Technologies

To ensure this publication presents the most comprehensive current and relevant coverage of strategies and domain in KM research, we invite researchers and leading experts in their

particular areas to contribute chapters. Chapters should ideally address all the objectives above, although chapters beyond the key objectives will also be considered.

Important Dates:

Deadline for submission of full chapters: **December 15, 2012**

Notification of review results: **March 15, 2013**

Revised chapters due: **April 30, 2013**

Final notification of chapter acceptance (revised chapters): **May 15, 2013**

Submission Details:

Individuals interested in submitting chapters (maximum 7,000 words) on the above or related topics should send an e-mail declaring your interest in submitting—including your name, affiliation, and proposed topic area to Gunjan Mansingh, editor, at gunjan.mansingh@uwimona.edu.jm no later than **July 31, 2012**. Deadline for submission of full chapter(s) is **December 15, 2012**.

This book is scheduled for publishing by Springer, in 2013 (www.springer.com)