

# Islamization, Ethics and Values in Science and Technology

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# **Islamization, Ethics and Values in Science and Technology**

**By**

*Islamic Values and Ethics in Engineering Sciences Research Group  
(IVEES-RG)*

International Islamic University Malaysia (IIUM)

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# TOWARDS AN ISLAMIC THEORY OF DEVELOPMENT BASED ON QURANIC APPROACH: SURAH QURAIISH AS CASE STUDY

Sayed Desouky Hassan, Waleed F. Faris & Raed Kafafy

## Introduction

One of the main worries for all so called “third world” countries, which includes mainly all the Muslim countries, is the issue of development. Unfortunately, though this matter consumed and still consumes a lot of money and efforts in the above mentioned countries, we cannot see the gist of it yet. what we can see is some infrastructure here and there and societies of consumption that buy and use the most advanced products imported from the developed countries. So, we are looking into consumption-based development not production-based development.

Another major problem, as well, is that we do not have our own theory of development that we can start from it, on contrary, we are trying all sorts of theories on development that were produced in a different environment and for different societies. This is another main reason for the continuous failure in most of the development projects in the “third world”.

To go deeper into the issue, we have another major problem with the definition of development itself, if you make a simple questionnaire and circulate it among most of the Muslim countries you will receive different perceptions which will lead to more confusion than ever.

In this paper, we try to explain briefly, the western theories of development and the definition of development as well. Then, we will embark into outlining a preliminary theory on development extracted from Islam as the cradle for cultural values and morals in the Muslim world.

## Theories of Development

Development theory is a conglomeration of theories about how desirable change in society is best to be achieved. Such theories draw on a variety of social scientific disciplines and approaches<sup>71</sup>. As the definition implies, the existing theories are quite diverse.

Traditionally, economists have made little if any distinction between **economic growth** and **economic development** using the terms almost synonymously.

As a concept, **economic development** can be seen as a complex multi-dimensional concept involving improvements in human well-being. However, critics point out that the gross domestic product (GDP) is a narrow measure of economic welfare that does not take account of important

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<sup>71</sup> [http://en.wikipedia.org/wiki/Development\\_theory](http://en.wikipedia.org/wiki/Development_theory).