
Introduction

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World Review of Science, Technology and Sustainable Development (WRSTSD) addresses concerns that impact global sustainable development through efficient and effective technology transfer, the challenges these pose for developing countries, and the framework for disseminating the latest knowledge. *WRSTSD* introduces integrated approaches to the problems of technology transfer within an urban/rural development context.

Technology transfer, also referred to as technology diffusion, has numerous connotations. One concept encompasses the impact technology transfer has on the use of resources and their impact on economic markets, the political landscape and personnel. Technology transfer involves knowledge transfer as well as product transfer.

This special edition of *WRSTSD* contains eight articles which cover specific aspects of technological advancements that improve or advance energy efficiency in healthcare and biomedical research facilities while concurrently reducing disease transmission and improving the indoor environment. This dual concept can only benefit the global health and biomedical science community as long as the scale towards these ends is always balanced.

Thus, in this special edition, we are proud to introduce applications that improve green manufacturing; technologies that can be applied both to the laboratory and the health care environment and others that specifically address technologies to improve the healthcare environment.

I would like to congratulate the contributors of this outstanding special edition and to express our appreciation for all the effort put into its production.