



BAHRAI

1. Introduction

Healthcare buildings have large impact οn environment. The impact is generated from two sources; energy consumed and

waste generated.

order to protect the environment, hospitals and healthcare facilities must have an efficient operation and management strategies of these resources. (Gunther et. al.,2008)

The researcher trace a third Healthcare buildings large impact on environment, that is water consumption. Availability of enough potable, clean and filtered water for diffe healthcare operations, especially in countries with limited fresh water resources like Bahrain, is a real environmental challenge need to be considered.

The researcher also trace group of environmental challenges related to the practicing of healthcare services neither classified as energy nor waste but it can expose human (staff and patients) to high risks and need to be efficiently managed in order to improve social sustainability of healthcare system (subjected to further studies).





Enhancing Environmental Sustainability of Healthcare Facilities:

A System Dynamics Approach

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