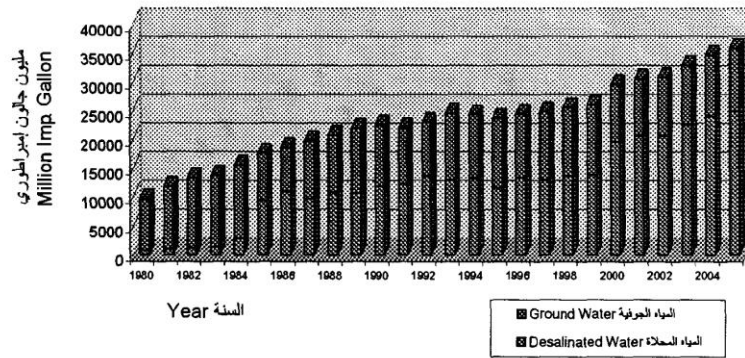
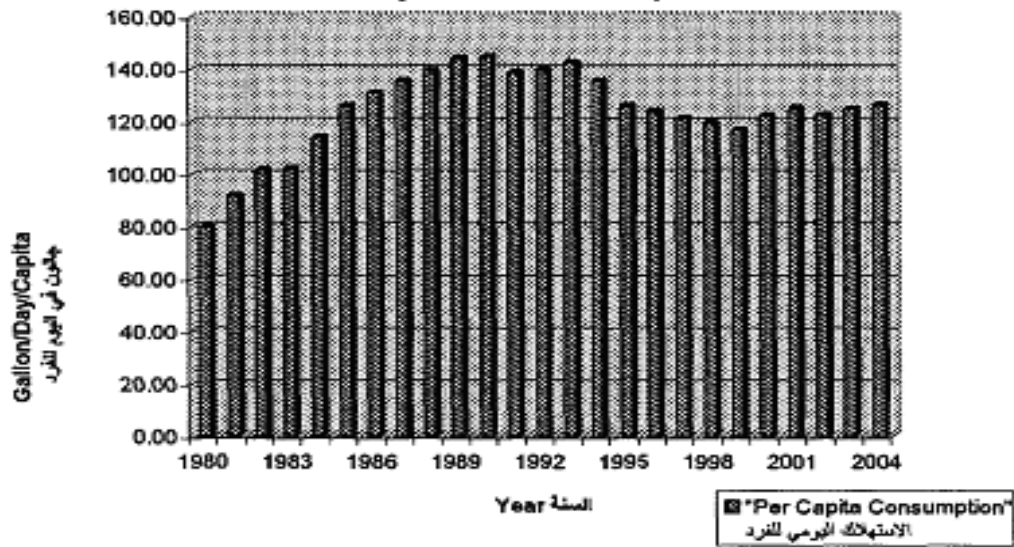


الإنتاج السنوي من المياه المحلاة والمياه الجوفية  
Annual Production of Desalinated Water and Abstraction of Ground Water



Per Capita Consumption



# Water Scarcity in the Kingdom of Bahrain - Uncertainty or Lack of Knowledge

Najat M. Es'haqi\*; Rafid Al-Khaddar, School of Built Environment, Liverpool John Moores University (LJMU),UK.



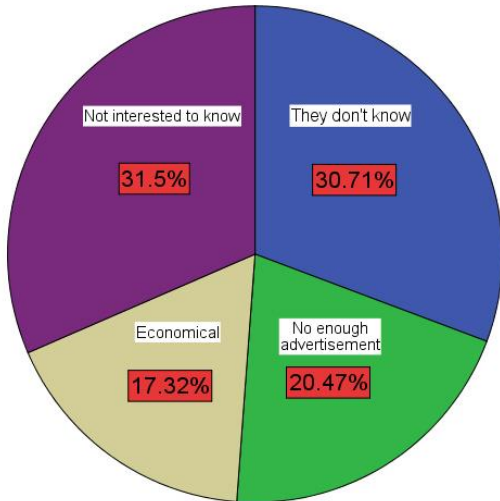
## Abstract:

Kingdom of Bahrain is an arid country situated in a water scarcity area. Groundwater is being assessed in Bahrain. The study is assessing the present water situation in Bahrain. The study is conducted through a questionnaire distributed to the population from different specialties (science, art, commerce, etc.) among the involved population in the study of (N=100). The study aims to: 1) Bahrain as an island surrounded by water (seawater) and the behavior and the lack of knowledge situation, 2)empowering water knowledge for development and management of water projects.

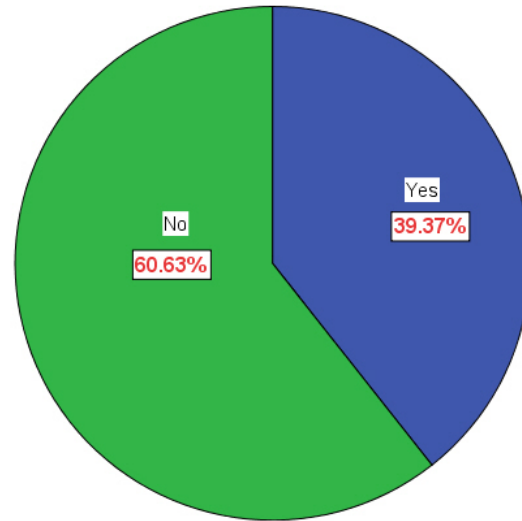
Water



in ur opinion, why people do not respond in reducing water consumption



are u concerned with water shortage within the kingdom



The study urges on:

- 1) The need of strengthening youth's role in water conservation programs.
- 2) Empowering water knowledge for achieving water sustainability.
- 3) Pushing for Public-Private Partnership in development and management of water projects especially.
- 4) Changing the Attitude and Behaviour of People Towards Water .
- 5) New paradigm for achieving water sustainability by a quick action in endorsing more theoretical and practical water knowledge in the educational curriculums.
- 6) Youth must be involved in water management strategies.
- 7) Youth should feel that they are needed and depended on, and this is very much true because those youth are future decision takers and makers.
- 8) Youth should have more societies and organizations dealing with water issues to embrace them in their activities actively.
- 9) Integration between educational authorities and all entities, societies, organizations, experts and researchers through formed committees for arranging and preparing water knowledge curriculums. The curriculums