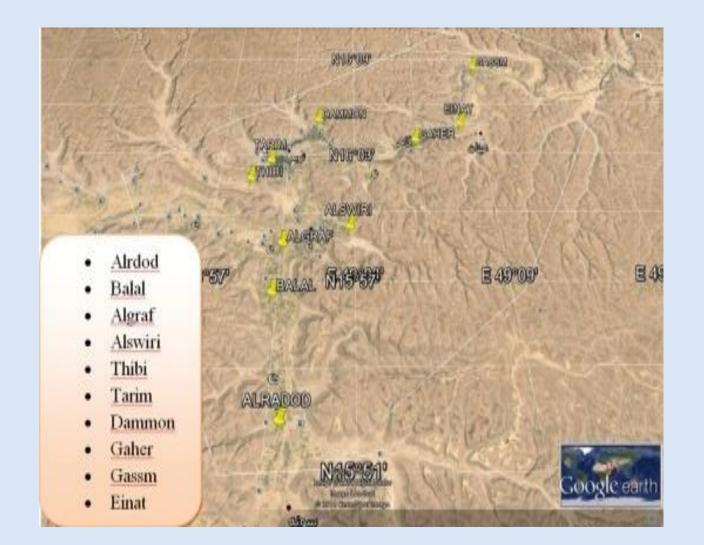
Assessment of Water Demand Management in Wadi Hadhramaut

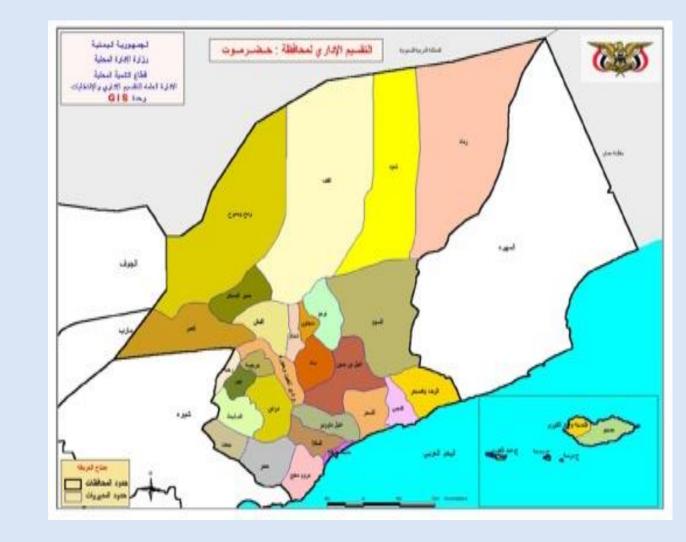
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Research Problem and Objectives

This MSc Research investigated assessing of Water Demand Management in Wadi Hadhramaut Using IWRM Perspective, Case study in Tarim area .Tarim was selected as case study because it is considered the largest population, and exposed to drain a large water and groundwater pollution. There are many studies from 1952 to 2007, all of which emphasize the continuing increase in water demand for agriculture and domestic use, Poor water quality exacerbated by abstraction of brackish groundwater, decline of groundwater levels due to increasing abstraction, and Poor flood control. Main objective. To analyze the disadvantages and advantages of the current water resources management governance structures and practices, using the principles of Integrated Water Resources Management framework, in the short and long term; in order to study the suitability and profitability of enforcing the water law, introducing modern irrigation methods and groundwater recharge mechanisms in order to create a sustainable water management system in Tarim.



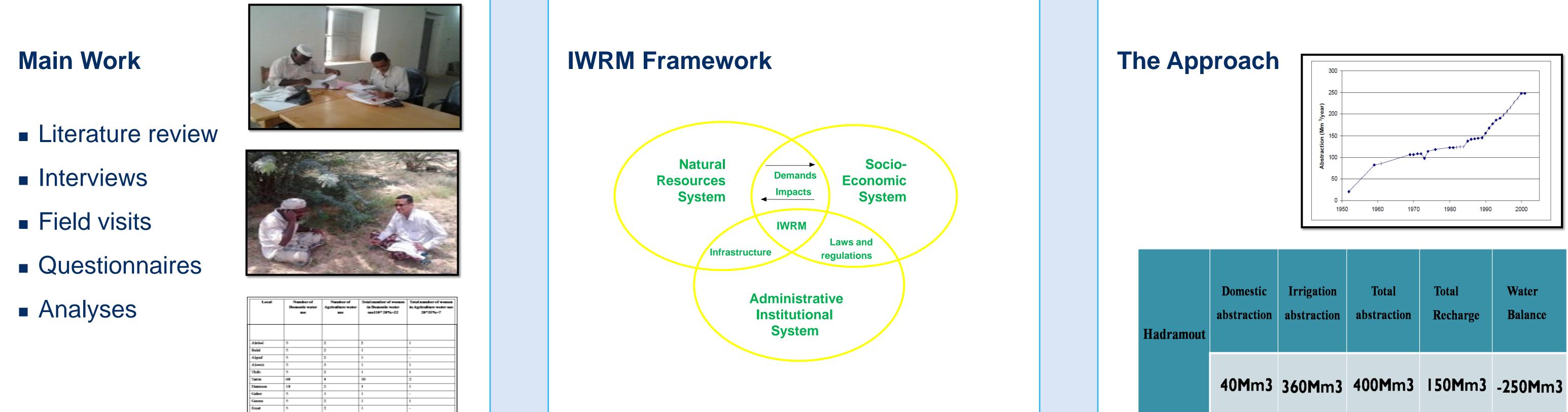




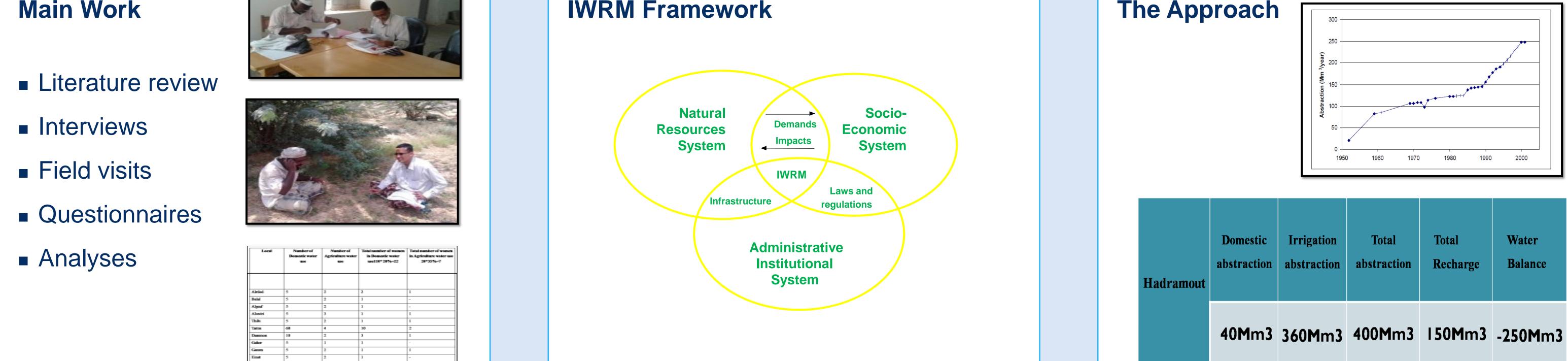


Methods

Main Work



The Approach	300
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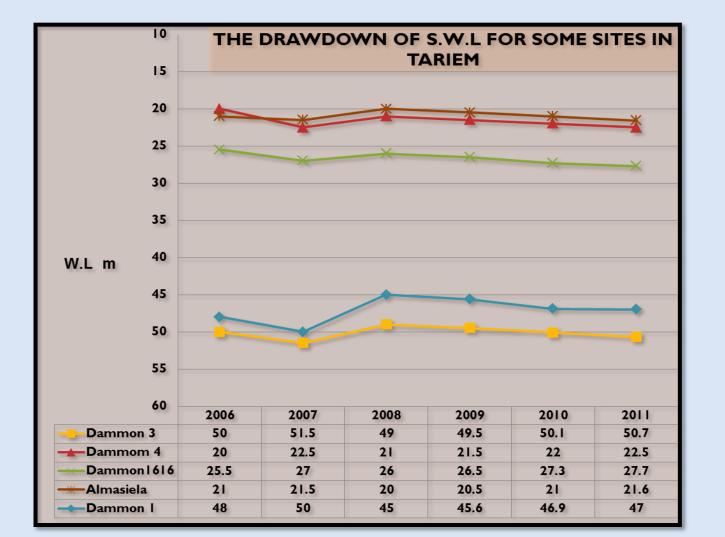


Results

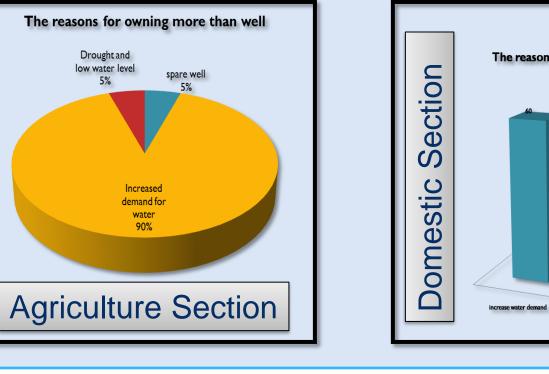
Increase water demand in domestic use

4,000,000	
2 500 000	
Production 3,500,000	





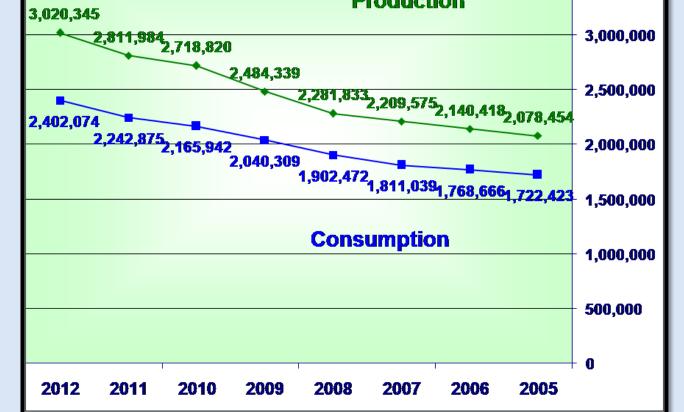
Causes of increased water demand





Water value inefficiency

Water value economic in agriculture is



Through this assessment its show the reasons of increase water demand in agriculture and domestic uses section. approaching to zero because of the large water attrition and the lack use efficiency, especially in large farms.



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Project Partners:





