

Project title	Tourism Planning A GIS – Based Approach for Allocating Recreation Activities: The Case Study of Al-Uqayr	May, 2000
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Abstract		
<p>This project is design to fill a need in providing an application approach for environmental and sustainable development of tourism that is responsive to community desires and needs in a manner that sustains its resources for perpetual use, and helps conserve and not deteriorate an area natural.</p> <p>Al Uqayr spread over a length of 155 km, is a sub region on the eastern coast of the Arabian Gulf. It has historical buildings and archeological sites, which coupled with the sand dunes, beautiful beaches, attractive peninsulas, bays, lagoons, and naturally growing palm t5ees in fertile soil, presently functioning as weekend tourist spot for the people of Al-Hasa. In view of an excellent potential for tourism development of this area, moreover, rational management of tourism may contribute significantly to the protection and development of the physical environment.</p> <p>The information combined and manipulated in a GIS to allocate a potential site for recreation activities qualitatively. The resulting information translated to formulate a structural plan of the various activities proposed to be involved in the coastal tourism complex.</p> <p>Three alternative strategies prepared for providing recreation activities of tourist complex viz. Uni-Nodal Development, Multi-Nodal Development and Linear. The final selected strategy for development of Al Uqayr Tourist Complex could be defined as “Multi-Nodal Development with possibility of some intermediate development in between the major nodes.”</p>		