


<b>Funding Agency</b>	 MERC-USAID
<b>Title</b>	<b>The interaction between coastal aquifers and the Mediterranean under changing conditions</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Determine the magnitude of Submarine Groundwater Discharge (SGD), its relation with coastal hydrogeology and sea level variability and its implications toward coastal water quality and related desalination plans;</li> <li>• Understand the factors that influence the location of the seawater-groundwater mixing zone (interface) and assessment of the rates of seawater intrusion;</li> <li>• examine new tools for estimating the velocity of both fresh and saline groundwater using new isotopic methods and insitu borehole devices;</li> <li>• study the quality of saline and brackish groundwater as a source for desalination;</li> <li>• Determine the possible implication of the expected sea level rise on all the above processes.</li> </ul>
<b>Project Partners</b>	Al Azhar University, GSI

## Project Outputs

Ongoing