

<b>Title</b>	<b>Integrated UASB-Multimedia Biofilter System for Wastewater Treatment</b>
<b>Funding Agency</b>	USAID/AED via the Ministry of Education and Higher Education (Palestine).
<b>Project Period</b>	December 2004 – March 2006
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Development and investigation of the efficacy of anaerobic (AnF) and aerobic filter (AeF) filters and to identify the optimum design parameter.</li> <li>• Assessment of the overall treatment efficiency of the whole treatment system.</li> <li>• Microbial biofilm characterization, modeling, and bacterial phenotype determination using molecular techniques.</li> </ul>
<b>Partners</b>	<ul style="list-style-type: none"> <li>• Institute of Environmental and Water Studies IEWS, Birzeit University</li> <li>• Department of Biology and Biochemistry, Faculty of Science, Birzeit University</li> <li>• Department of Civil Engineering, Birzeit University</li> </ul>
<b>Project Outputs</b>	<ul style="list-style-type: none"> <li>• A report entitled: "Development of an integrated UASB-multimedia biofilter system for wastewater treatment from small Palestinian communities" was published.</li> </ul>