

## Water, Energy and Environment Center

### Complete Projects

Project	Date
Expanding access to sanitation for unsewered communities in Middle East and North Africa Countries	2015
Promoting Green schools in Jordan	2015
Stakeholder analysis and pilot study for safe use of treated wastewater in Agriculture. Framework for Sanitation Safety Plan	2015
Utilizing Solar Energy for water pumping and Brackish water Desalination in Agriculture	2015
Functions of Water Lentils in Farm Irrigation Ponds as a Natural Water Bioremediation, and its Suitability for layer performance and Egg Production	2015
Water Lentils in Jordan's Irrigation Ponds	2015
The Effect of Pesticides on the Environment of Jordan (Soil)	2015
The economic environmental and social sustainability of wastewater treatment plants in Jordan	2015
Roman Cisterns in South Jordan Assessment as Climate Change Adaptation Measure	2015
Sludge management in Jordan	2015
Characterization of Septage Discharging at Khirbit As - Samra Treatment Plant	2007

<b>Anaerobic Treatment of Domestic Wastewater at Low Temperature in Jordan</b>	<b>2006</b>
<b>Anaerobic Sewage Treatment for Sustainable Water Reclamation in Jordan</b>	<b>2006</b>
<b>Anaerobic Sewage Treatment of Concentrated Domestic Sewage Using UASB-Digester system At Low Temperature Conditions</b>	<b>2006</b>
<b>Mediterranean Development of Innovative Technologies for Integrated Water Management ( MEDIATE )</b>	<b>2004</b>
<b>Jordan Water Skills Enhancement and Information to Decision - Makers Project</b>	<b>2000</b>
<b>Fate of Disinfectants and their Byproducts in Amman Water Distribution System</b>	<b>2000</b>
<b>Zara and Zarqa Ma'in spring study (this Project is part of the Skills Enhancement and Support to decision-Makers in Jordan's Water Sector</b>	<b>2000</b>
<b>Skills Enhancement and Support to decision-Makers in Jordan's Water Sector.</b>	<b>2000</b>
<b>WAM-ME Water Resources Management under Drought Conditions: Criteria and Tools for Conjunctive use of Conventional and Marginal Waters in Mediterranean Regions</b>	<b>2000</b>
<b>Development of Cost -Effective Reclamation for Domestic Waste Water, and the Appropriate Agricultural Use of Treated Effluent Under Semi-arid Climate Conditions (CORETECH )</b>	<b>1999</b>

<b>Effect of ALRamtha Wastewater Treatment Plant on Water 1998 Resources in Al-Shoumari Basin</b>	<b>1998</b>
<b>Effect of Tafieliah Wastewater Treatment Plant on Water Resources in Fifa Basin</b>	<b>1998</b>
<b>Decision Support System (DSS) for Mitigation of Drought Impacts in the Mediterranean Region</b>	<b>1997</b>
<b>“The SAIL-OP” Project on Capacity Building on Wastewater Valorization for Agricultural Production in the Middle East Area by Using Low Cost Treatment Technologies</b>	<b>1997</b>
<b>Effect of Kufranja Wastewater Treatment Plant on Water Resources in Kufranja Basin</b>	<b>1997</b>
<b>A system Approach to Wastewater Biotreatment for the Protection of Mediterranean Coastal Areas ( BIOWASYST)</b>	<b>1997</b>
<b>Land Management and Water Harvesting in the Upper Yarmouk Basin</b>	<b>1997</b>
<b>The Effect of Frequent Irrigation on Soil Stalination in Wadi Wala Area</b>	<b>1997</b>
<b>Integrated Environment Management of Suwaid Basin in the Northern Badia of Jordan</b>	<b>1996</b>
<b>Use of Duckweed for Wastewater Treatment</b>	<b>1996</b>
<b>Rain Water Forecast and Irrigation Management</b>	<b>1996</b>
<b>Sustainable Water Use in Agriculture</b>	<b>1995</b>

<b>Development of a Technological Simple, Low Energy Cost Method for Treating Wastewater for Reuse in Agriculture</b>	<b>1995</b>
<b>Purification and Reuse of Domestic Wastewater Using Low-Cost Eco -bio Technological Methods</b>	<b>1995</b>
<b>Long Term Studies for Water Conservation and Management in Azraq Area</b>	<b>1994</b>
<b>Water Harvesting</b>	<b>1993</b>
<b>Improving the Management of the Natural Resources in Jordan and Washington state through Cooperation in Applied Research Technology Transfer</b>	<b>1992</b>