**Environmental Sustainability Projects at the Water, Energy and Environment Center**

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| **Project Name** | **Status**  ongoing/closed | **7** Renewable Energy | **11** Sustainable Cities & Communities | **12**  Responsible Consumption | **13** Climate Action | **14** Life Below Water | **15** Life on Land |
| **1-** An Integrated Approach for Water Resources Sustainability of Yarmouk River Basin Considering Socioeconomic Aspects Using Supply-Demand Water Simulation Model. | Ongoing |  |  |  |  |  |  |
| **2-** Assessment of Preferential Subsurface Flow and Transport in Soils near Zarqa River Basin. | Closed |  |  |  |  |  |  |
| **3-** CrITERIA- Cr(VI) Impacted water bodies in the Mediterranean: Transposing management options for Efficient water Resources use through an Interdisciplinary Approach. | Closed |  |  |  |  |  |  |
| **4-** Developing a bio-zeolite filter for treatment of surfactants in grey water. | Closed |  |  |  |  |  |  |
| **5-** Evaluation of Water Quality of Kufranja Dam in Jordan Using Physiochemical Parameters and Water Quality Indices. | Closed |  |  |  |  |  |  |
| **6-** Expanding access to sanitation for unsewered communities in Middle East and North Africa Countries. | Closed |  |  |  |  |  |  |
| **7-** Functions of Water Lentils as a Natural Water Bioremediation, and its Suitability for Layer Performance and Egg Production. | Closed |  |  |  |  |  |  |
| **8-** Natural Based Nano-Composite for treatment of surfactants polluted water. | Closed |  |  |  |  |  |  |
| **9-** Sustainability of Olive Oil Industry in Jordan: Moving Olive Mills toward Circular Economy. | Ongoing |  |  |  |  |  |  |
| **10-** The economic environmental and social sustainability of wastewater treatment plants in Jordan. | Closed |  |  |  |  |  |  |
| **11-** The role of Fungi in Treatment of water polluted by surfactants. | Closed |  |  |  |  |  |  |
| **12-** The potential of zeolite in treating grey water. | Closed |  |  |  |  |  |  |
| **13-** Water Use Efficiency for Improving Water Productivity in the Jordan Valley/Jordan. | Closed |  |  |  |  |  |  |
| **14-** Water Footprint Analysis as Tool for Water Better Management in Jordan. | Closed |  |  |  |  |  |  |
| **15-** Water Lentils in Jordan’s Irrigation Ponds. | Closed |  |  |  |  |  |  |