

Title: Wastewater Projects Selection Criteria and Prioritization
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<i>Background</i> For the aim of protecting the limited fresh water resources in the West Bank from contamination, as well as enhancing public health and biodiversity, wastewater collection, treatment, and reuse have become a priority. Partial collection and discharge to nearby wadis, storing in cesspits to infiltrate then into the ground, or periodic emptying of these cesspits to be discharged to wadis; is the prevalent situation concerning the fate of the produced wastewater. The wastewater management approaches in Palestine extend from centralized wastewater treatment plants; like Al-Bireh WWTP and Nablus-West WWTP, to decentralized facilities in some rural areas. It is common to plan the centralized plants as to be constructed in cities, while decentralized ones that target peripheral rural and less fortunate communities are left. Many development projects are targeting geographical zones, without having a specific scope, based on a clear multi-criteria analysis. As well, the funded ones are not constantly combined with a Master Plan that matches local community needs. Therefore, PWA sets its sight on incubating a method for identifying and prioritizing wastewater projects on the basis of the available regulations and planning strategies