

**CONSTRUCTION COST OF MUNICIPAL WASTEWATER TREATMENT  
PLANTS WITH AQUATIC PLANT IN A SUBSURFACE SYSTEM**

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**ABSTRACT**

In this paper multiparameter functions for the total construction cost estimation of a Municipal Wastewater Treatment Plant System, the Constructed Wetland in a Subsurface System with Aquatic Plants one, and the cost of each subsystem as well as, are presented. The construction cost depends on the daily sewage inflow, the inclination and ground structure, the minimum temperature of wastewater and the processing bed inert substratum media. These systems yield weak positive economies of scale for low ground inclinations and negative for steeper ones.