

Review of: "[Review] Optimizing Wastewater Treatment Performance System and Achieving Greater Efficiency to Improve Water Quality for Sustainability — A Review"

Borja Garrido Arias¹

¹ Universidad Complutense de Madrid

Potential competing interests: No potential competing interests to declare.

The article provides an excellent overview of water treatment in a general way that allows the reader to get an overview of the field. A number of minor modifications are recommended in the following points:

- The use of hydrogen peroxide in advanced oxidation processes should be included in more detail. It is a reagent that has been widely used and studied in the history of art.

In point 3.1.3 it should be commented that the coagulation/flocculation process requires a pH adjustment pre-treatment, which in many cases requires an associated disadvantage in terms of cost and/or end use of the water.

- In point 3.3.9 it should be recommended that water reuse should be regulated when being implemented by the legislation in force in each geographical area. The existence of possible cross-contamination such as E-Coli can pose a risk for irrigation water reuse processes.