**Cover Letter**

Dear Editor,

On behalf of my co-authors, I would like to submit a manuscript entitled “Impact of the Use of Treated Wastewater for Irrigation on the Physico-chemical Quality of Soils: A Case Study from Ain Defla, Algeria” to be published in journal.

Irrigation by use of treated wastewater (WWT) resulted in a significant change in the characteristics of the soil as a function of time, there is an increase in the chemical parameters in the profile of the soil such as pH, EC, Na+, P, K+, Ca++ and Mg++ depending on the presence of these elements in the irrigation water (WWT), and also the factors responsible for reducing the concentration of this element are the climate (Precipitation), quality of irrigation water (WWT) and presence of vegetation cover, So it is impossible to use WWT as an alternative source of irrigation water without taking into account the factors mentioned above, which are control of the environmental impact by insisting on the physico-chemical quality of the soil such as salinization, sodization and the structural state of the soil.

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In consideration of the publication, **we hereby warrant and undertake:**

1. This article is an original work and no portion of the study has been published or is under consideration for publication elsewhere.

2. None of the authors has any potential conflict of interest related to this manuscript.

3. All authors have contributed to the work, and they have agreed to submit the manuscript.

Your consideration of the manuscript would be greatly appreciated.

Sincerely yours,

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