

# ***Interactive comment on “Application of Machine Learning For Real-time Evaluation of Salinity (or TDS) in Drinking Water Using Photonic Sensor” by Sandip Kumar Roy and Preeta Sharan***

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Dear Author The manuscript is good and interesting to me. But it need to revise: 1- Introduction is very short. it is better that explain about other research. 2- Please explain about other methods of measurement of TH, Ph, Caco3, EC, CEC, SAR in the water. 3- Do the Photonic Sensor used electromagnetic waves? Please explain more about it. 4- If it is possible, please used Hossain et al, 2016 and Walker, M. and Newman, 2011 in INTRODUCTION. Hossain, M. S., Akhter, F., and Emery David Jr, V.: Feasibility assessment of household based small arsenic removal technologies for achieving sustainable development goals, Drink. Water Eng. Sci. Discuss., doi:10.5194/dwes-2016-1, in review, 2016. Walker, M. and Newman, J.:

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Metals releases and disinfection byproduct formation in domestic wells following shock chlorination, Drink. Water Eng. Sci., 4, 1-8, doi:10.5194/dwes-4-1-2011, 2011. Good luck Mokarram

DWESD

Please also note the supplement to this comment:

<http://www.drink-water-eng-sci-discuss.net/dwes-2016-4/dwes-2016-4-RC1-supplement.pdf>

Interactive comment

Interactive comment on Drink. Water Eng. Sci. Discuss., doi:10.5194/dwes-2016-4, 2016.

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