

## ***Interactive comment on “Investigation of rootzone salinity with field monitoring system at tsunami affected rice fields in Miyagi, Japan” by I. Ieyasu et al.***

### **Anonymous Referee #1**

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Work this study has done sounds very important. Especially, temporally precise monitoring of field soil moisture, EC, temperature and G.W.L and transfer those data through ICT must be valuable. In fact, those field conditions vary with rather short time range. Daily or weekly sampling cannot declare what is going in the field. Human behavior, operation of pumping station in this study, may affect soil water regime in the field. Also, visual data collection may be beneficial at field monitoring. In case of curious response of sensors user can check the real situation visually.

It is very interesting that even in the paddy fields those have dense hard pan below surface soil, fluctuation of ground water due to pump operation could affect response of soil sensors. It is interesting what would happen in the upland field in the coastal

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area.

This text has good contents, however writing, wording, grammar and structure, has many problems. I would think those problems must be fixed before discussion on scientific contents of this paper.

Please see details of comments in the attached file.

Best regards

Please also note the supplement to this comment:  
<http://www.soil-discuss.net/soil-2016-12/soil-2016-12-RC1-supplement.pdf>

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Interactive comment on SOIL Discuss., doi:10.5194/soil-2016-12, 2016.

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