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Natural Hazards and Earth System Sciences
Discussions

Interactive comment on "An attempt to monitor seasonal dynamics of soil salinization in the Yellow River Delta region of China using Landsat data" *by* Hongyan Chen et al.

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This study compared the field survery and remote sensing image for revealing the distributions of saline soil in Yellow River Delta. The study in this area is very important for crop growth and ecological restoration.

As a whole, this article was well-written and organized. The results were sound and interesting. I think it could be accepted after minor revision.

TitleïijŽ delete "region". Abstract: Why is necessary with distinct seasonal climates? I think some field results could be showed in the abstact. This setence "the SSC opti-

mal model in each season was extracted, then, the spatial distributions and seasonal dynamics of SSC in four seasons were analysed. " was repeated with the second setence. In the introduction, what is the damage of saline soils in Yellow RIver Delta? Figure 1, some labels are not clear. Figure 3, the red underline should be deleted. this distribution pattern is consistent with the results of other studies (Weng et al. 2010; Yang et al. 2015). should be moved to the disscussin part. In figure 5, it seems that the autumn is the most affected saline soil. I think some field results could also be indicated in the conclusion. Most of the last paragraph in disscussion is not really disscussion.

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