

## ***Interactive comment on “Evaluation of soil salinity amelioration technologies in Timpaki, Crete: a participatory approach” by I. S. Panagea et al.***

**I. S. Panagea et al.**

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The authors appreciate the effort of Anonymous Referee #2 for reviewing this submission and sharing his/her concerns. Comments were carefully taken into consideration for the manuscript revision. Regarding the points highlighted by the Referee:

Comment 1: Title

Answer to comment 1: The manuscript title has been revised in line with the Referee's suggestion.

Comment 2: Abstract

Answer to comment 2: The abstract has been extended to include the main results and

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conclusions of the manuscript

Comment 3: Introduction

Answer to comment 3: The introduction has been also partly rewritten to include more focus framing of the problem at hand. Also, references have been added where needed.

Comment 4: Methodology

Answer to comment 4: WOCAT in itself strives to bridge the gap between quantitative assessment and qualitative stakeholder perception. This task is often challenging in the field where low uncertainty data is hard to come across. Nevertheless, the authors agree that the original manuscript is lacking a solid statistical analysis of the collected data. In the revised document, the authors have included a multi-criteria analysis method that allows for an objective ranking for technologies. This method expands the application of the WOCAT approach and allows comparison among a range of areas and problems where measure selection depends on stakeholder perception. Therefore, a tool is now provided to extrapolate to international studies. Based on the applied multi-criteria analysis results have been reinterpreted.

Comment 5: Results

Answer to comment 5: The results section has been largely rewritten and is now incorporated with the discussion section. The new section is now better organized and includes relevant references. The authors believe that after the referee's suggestion this section depicts the main results with clarity and in depth.

Comment 6: Discussion

Answer to comment 6: The discussion section is now incorporated with the results section. The new section is now better organized and includes relevant references. The authors believe that after the referee's suggestion this section depicts the main results with clarity and in depth.

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Comment 7: Conclusions

Answer to comment 7: Finally, the conclusion section has been extended to include new results and improved to provide research outlook.

The revised manuscript is attached as supplement.

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/7/C1838/2016/sed-7-C1838-2016-supplement.pdf>

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Interactive comment on Solid Earth Discuss., 7, 2775, 2015.