

Interactive comment on “Vegetation Cover Change Detection and Assessment in Arid Environment Using Multi-temporal Remote Sensing images and Ecosystem Management Approach” by Anwar Abdelrahman Aly et al.

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Received and published: 11 April 2016

Dear respective Reviewer

Thank you very much for valuable comments

After deep discussion with co-authors, we found that the section 2.5 “image classification” can be revised as follow.

2.5 Accuracy assessment

180 training sites were recorded for field trip to evaluate the NDVI classification method

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to the study area. The overall accuracy value were calculated using ERDAS software for the NDVI classified images (Figure 3 a and b). The accuracy of NDVI classification of 2013 image was found 96.1%. The NDVI images were converted to vector layers (shape files) in order to detect and calculate the changes in the areas of vegetation cover (Table 1, Fig. 4).

Thanks Again and Kind Regards

Interactive comment on Solid Earth Discuss., doi:10.5194/se-2016-31, 2016.