

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.

Anonymous Referee #2

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â€” Section 2.3 (line 126) should be renamed to “Remote sensing images characterization”. â€” Section 2.4 (line 153) should be renamed to “Delineation of Vegetation cover changes” â€” What is the need for section 2.5 “image classification” using supervised classification for NDVI images???. Converting NDVI images to classified images is a simple straight forward process that doesn’t need a supervised classification process. â€” The section named “Coordinate & GIS Analysis” (line 189) has no GIS analysis at all, and the authors did not mention anything about which interpolation method they used to get the groundwater salinity distribution map. â€” The paragraphs at lines 217 and 220 should be moved to methodology section â€” The authors didn’t

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mention anything in the methodology about the statistical analysis of the data â€” On what basis did the authors classify the ecosystem into eastern, middle and western???

â€” Classification accuracy should be removed from table 1 â€” Figure 3: is missing the letters A and B for the images â€” Figure 5 is missing the distinction between soil samples and groundwater samples â€” What is the meaning of different white shapes in figure 6?? â€” What is the relation of figure 9 to figure 5, and how the polygon of the interpolated salinity is obtained?? â€” In figure 10, why the authors selected 33 samples to plot soil salinity instead of the total 50 samples???

â€” Figure 11 is not clear. What is the meaning of the white shapes, and do the letters A B and C fall inside the shapes or not????? â€”

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

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