

11/24/2015

Dear editor,

Thank you very much for your comments and suggestion on our manuscript. We have followed your suggestion to improve the quality of the figures and manuscript overall.

All the changes we've done are listed in below:

- 1) Reduced the number of decimals of the coefficient of determination (r^2) to two as suggested.
- 2) Organized all the r^2 in the upper left hand corner of each panel so that they are lined up systematically in an organized manner for each figure.
- 3) Removed dashed lines and only showed lines through significant trends.
- 3) Moved a, b, c, d of panels outside of all the figure panels.
- 4) In Figure 5 there was GFCP and GFGR labeled on the bottom panels, and these titles seemed to duplicate the GFCP or GFGR labels on the top. Now, we have eliminated the labels on the panels at the bottom.
- 5) In Figure 4, removed data of soils, because there were too much data and soil data do not show significant relationship with ISC.
- 6) In Figure 7, the color of font of coefficient of determination (r^2) was changed to the same as color of the line/dots, so that we know which belong to which.
- 7) Change text and figure caption to be consistent to the changes in these figures.

Best regards,

Shuiwang Duan