

Interactive comment on “Identification of Hotspots of Rainfall Variation Sensitive to Indian Ocean Dipole Mode through Intentional Statistical Simulations” by Jong-Suk Kim et al.

Anonymous Referee #2

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In this study authors tried to identify the regions of Indochina peninsula affected by IOD. There is a lack of clarity in the presentation and several issues need to be addressed. i) It is not clear what the authors mean by +1sd and -1sd IOD. Is it the IOD index created for the whole season, dry and wet separate or have the authors identified it from Fig 2. ii) If authors are creating composites of dry and wet season, then the IOD index should be based on seasonal averages iii) The years that have been used in the composites are to be mentioned in the text. iv) Authors need to carry out significance test for the composites. v) Lines 84-87: Authors needs to review or cite papers which have already carried out the studies relating to IOD and ENSO over the region. For eg. Tsai et al. (2015) Indo-China monsoon indices, Scientific reports. vi) Piechota

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et al have not discussed about IOD in their paper, so reference to the paper should be removed from some lines. vii) Lines 324-339: As indicated in the introduction IOD initiates sometime in May or June and ends by November. So, the affect of IOD on the dry season is negligible and analyzing the affect of IOD on that season is not useful.

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