

***Interactive comment on “Statistical bias correction for climate change impact on the basin scale precipitation in Sri Lanka, Philippines, Japan and Tunisia” by C. T. Nyunt et al.***

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Thanks for reviewing this manuscript and for your valuable comments which make our manuscript more constructive and informative. We mark our response as “AC: Author comment” and please see our responses in the supplement and figures in the interactive comments.

Please also note the supplement to this comment:

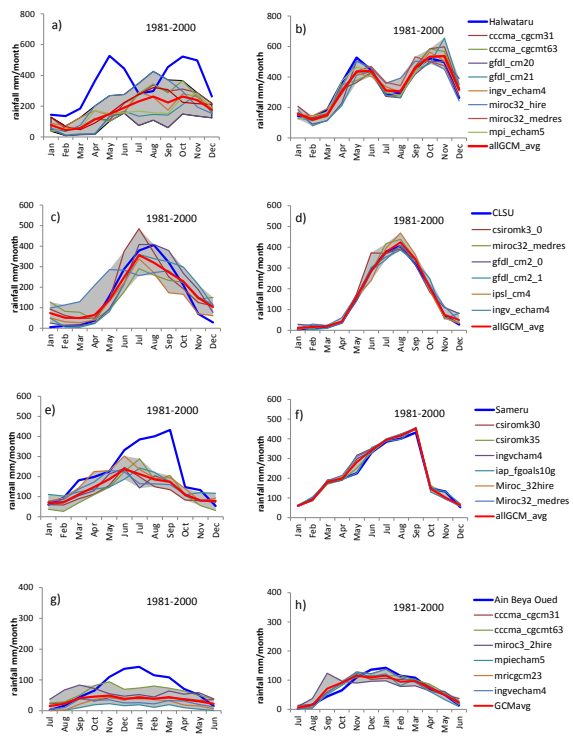
<http://www.hydrol-earth-syst-sci-discuss.net/hess-2016-14/hess-2016-14-AC3-supplement.pdf>

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C1

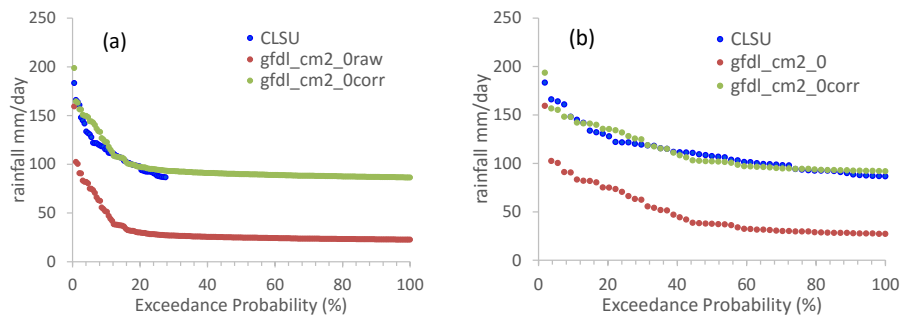
Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-14, 2016.

C2



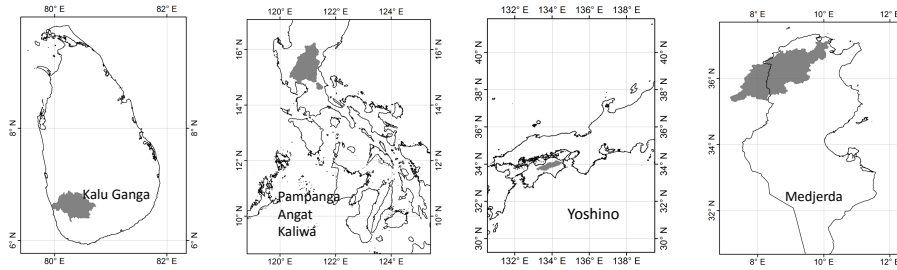
**Fig. 1.** Figure 16. Bias-corrected monthly climatological precipitation (b, d, f and h) at Halwataru (Kalu Ganga), Central Luzon State University CLSU (Pampanga), Sameura (Yoshino) and Ain Beya Oued (Medjerda)

C3



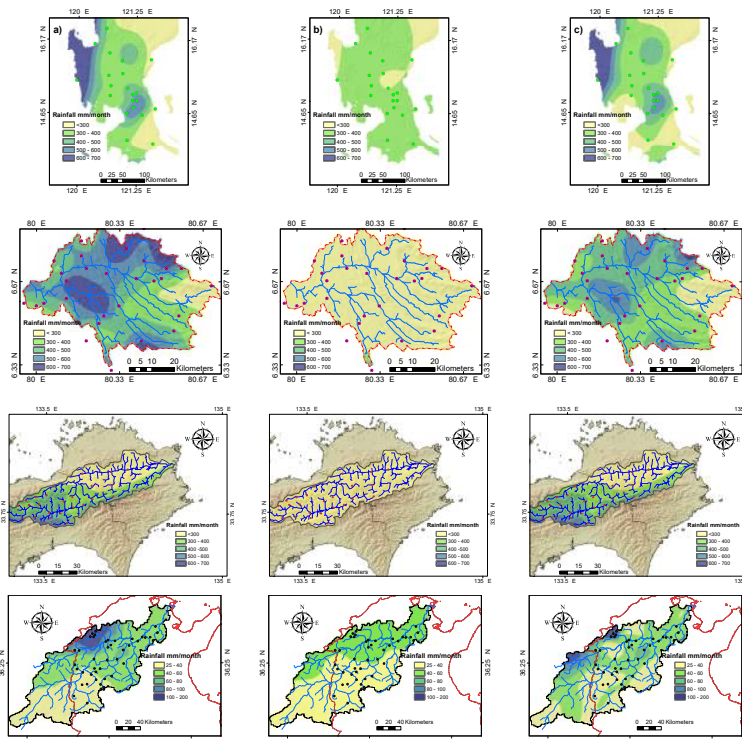
**Fig. 2.** Figure 5. Exceedance probability comparison between (a)AMS based log-normal bias corrected extremes and (b)PDS based GPD bias corrected extremes of Gfdl\_cm2\_0 GCM rainfall before bias correction (red)

C4



**Fig. 3.** Figure 1. Locations of four pilot study sites: Kalu Ganga Basin in Sri Lanka; Pampanga, Angat and Kaliwa basins in the Philippines; Yoshino Basin in Japan; Medjerda Basin in Tunisia

C5



**Fig. 4.** Figure 17. Climatological spatial distribution pattern (a) observation; (b) raw GCM mean and (c) bias-corrected GCM mean. First row for Pampanga, Angat and Kaliwa rivers in August, second row for Kalu

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