

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.

C. T. Nyunt et al.

nyunt11@hiroshima-u.ac.jp

Received and published: 21 June 2016

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>

Printer-friendly version

Discussion paper



[Printer-friendly version](#)

[Discussion paper](#)



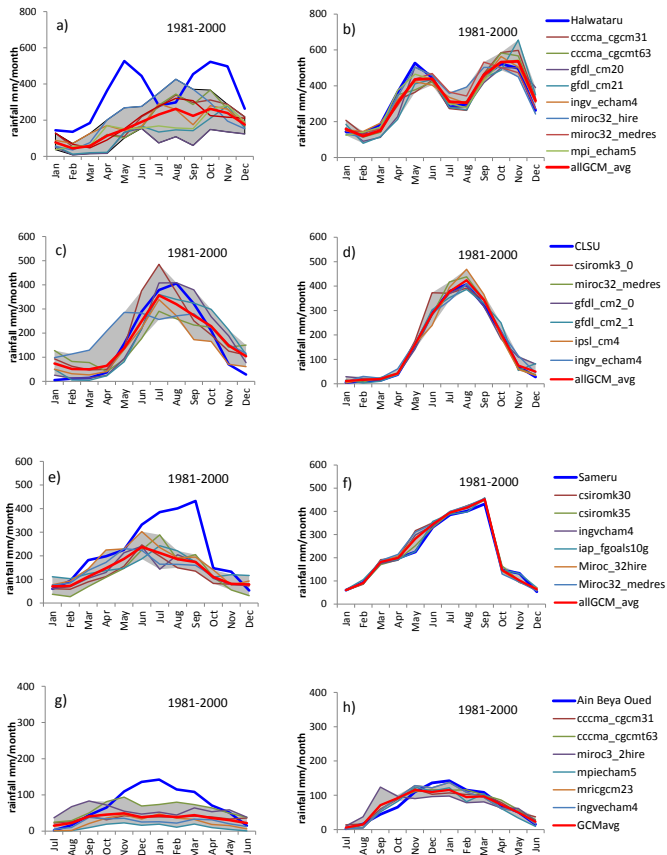


Fig. 1. Figure 16. Bias-corrected monthly climatological precipitation (b, d, f and h) at Halwataru (Kalu Ganga), Central Luzon State University CLSU (Pampanga), Sameura (Yoshino) and Ain Beya Qued (Medjerda)

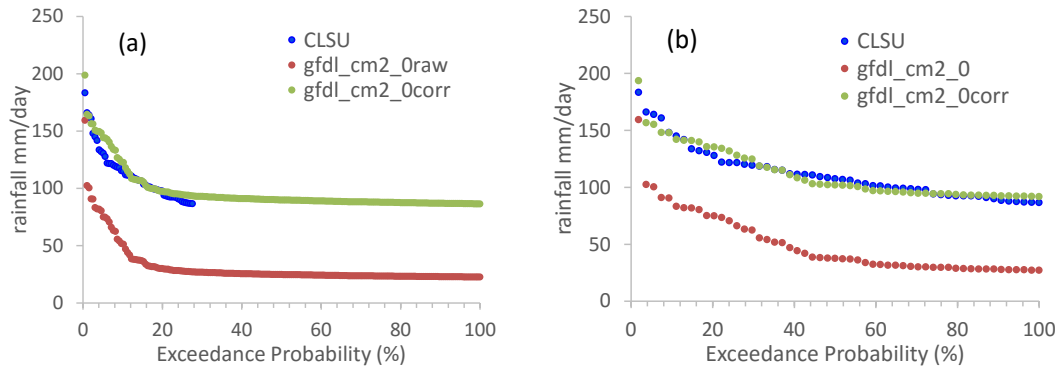


Fig. 2. Figure 5. Exceedance probability comparison between (a)AMS based log-normal bias corrected extremes and (b)PDS based GPD bias corrected extremes of Gfdl_cm2_0 GCM rainfall before bias correction (red)

Printer-friendly version

Discussion paper



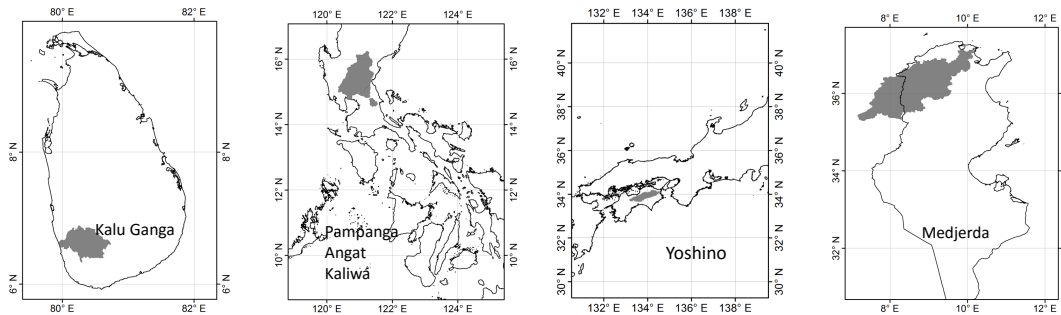


Fig. 3. Figure 1. Locations of four pilot study sites: Kalu Ganga Basin in Sri Lanka; Pampanga, Angat and Kaliwa basins in the Philippines; Yoshino Basin in Japan; Medjerda Basin in Tunisia

Printer-friendly version

Discussion paper



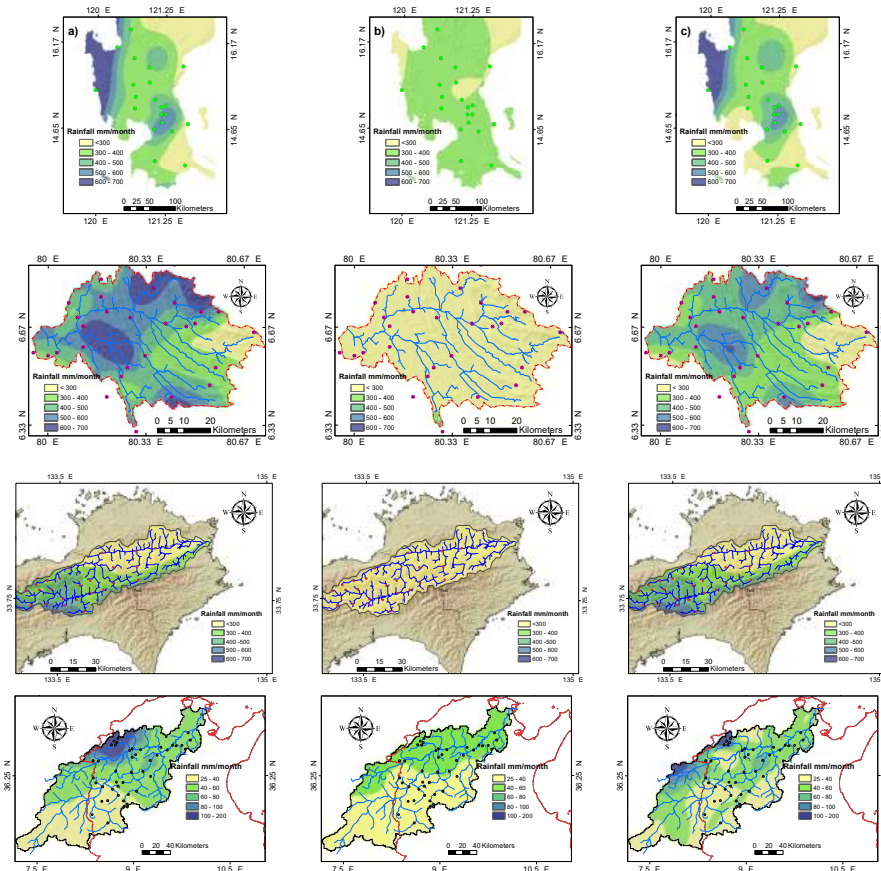


Fig. 4. Figure 17. Climatological spatial distribution pattern (a) observation; (b) raw GCM mean and (c) bias-corrected GCM mean. First row for Pampanga, Angat and Kaliwa rivers in August, second row for Kalu