On the Next Generation (NextGen) Seasonal Prediction System for Bangladesh



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Old +Existing system (subjective consensus)



New initiative (more objective)

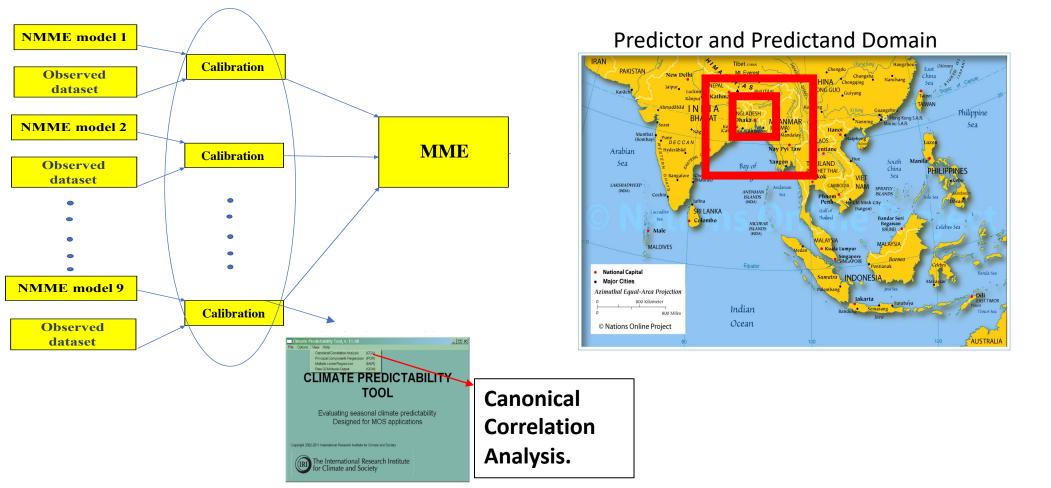


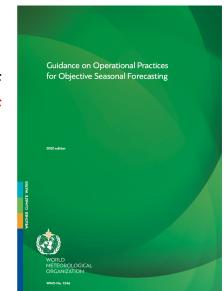
Generated by: BMD in collaboration with IRI

NextGen Forecast System at BMD

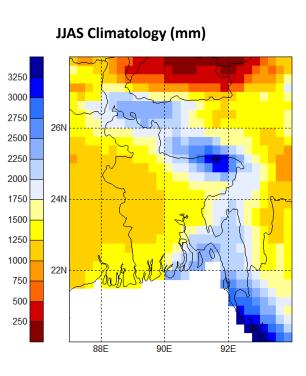
In their recent seasonal forecast guidance, the World Meteorological Organization recommended the use of an objective seasonal forecast procedure, defined as a traceable, reproducible, and well documented set of steps that allows quantification of forecast quality, are preferred.

Calibration Procedure

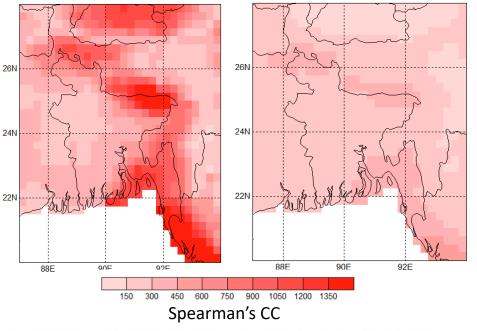




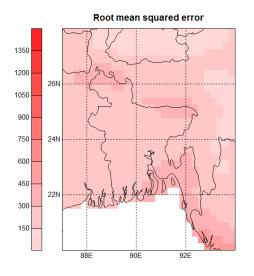
Forecast Skill for JJAS

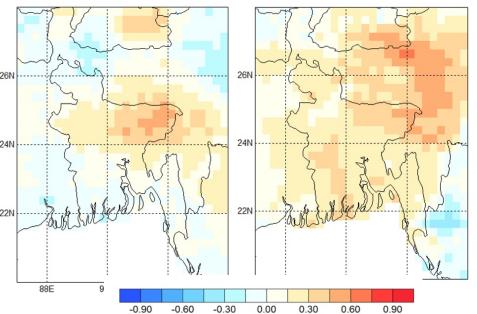


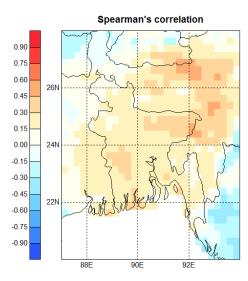
Individual GCM Non-calibrated _{RMSE (mm)} Calibrated (CCA)



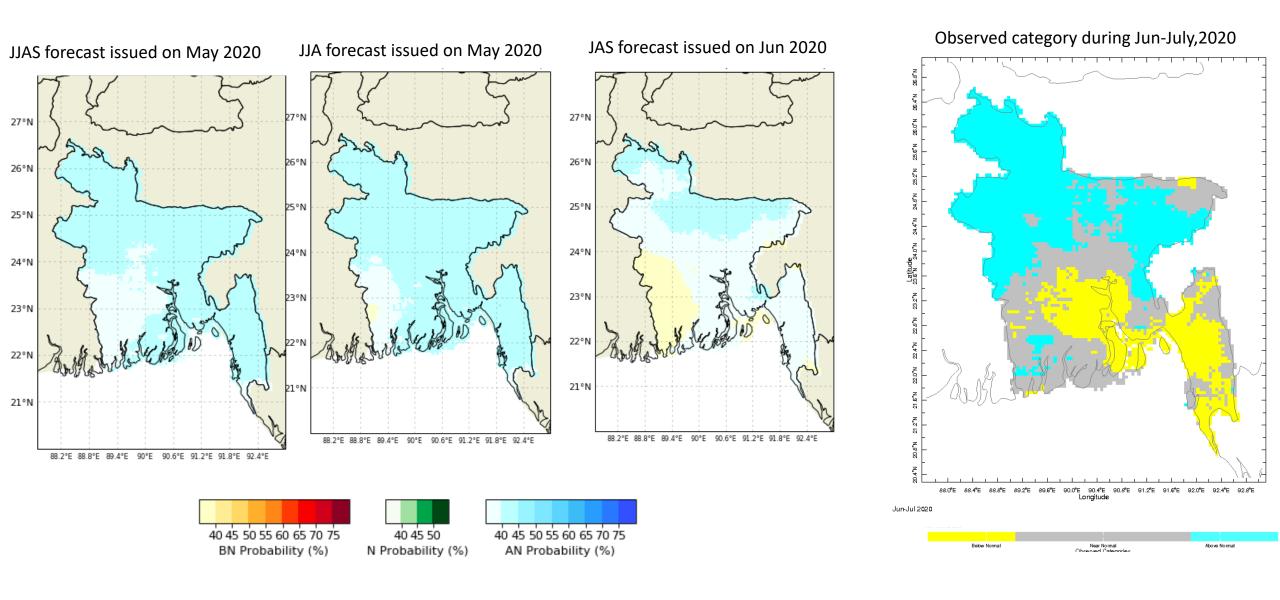
Skill of Calibrated MME (CMME)



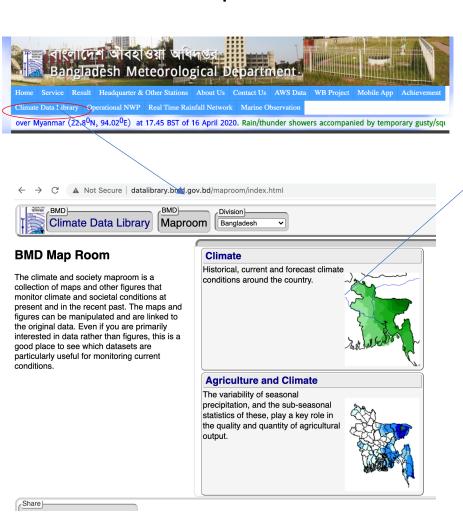


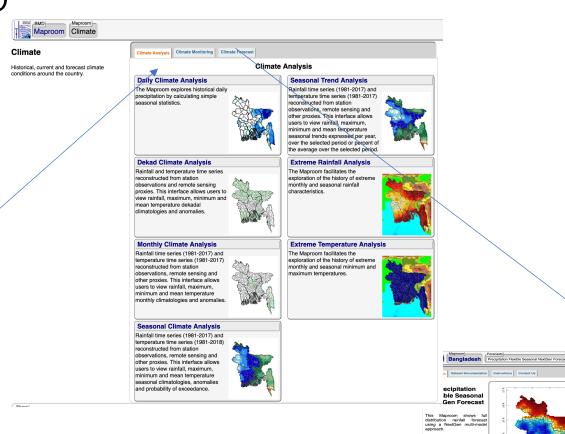


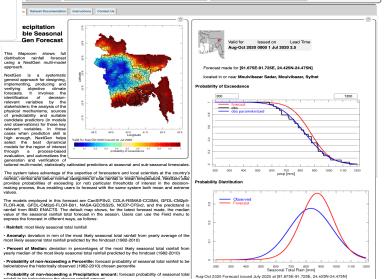
How good is the NextGen for monsoon 2020?



Forecast Maproom at BMD







▼ Probability of exceeding ▼ Rainfall ▼ 800 mm

The Layers button, showing when mousing over the map, will reveal in/active layers on the map