



Drought situation under Climate change scenario

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An attempt has been taken to study the projection of drought over Bangladesh. In the study, a multi-model projection of CMIP-5 with 11 ensembles is used. Standardized Precipitation Index (SPI) and Standardized Precipitation and Evaporation Index (SPEI) are analyzed. It is addressed from the study of the ability of SPI and SPEI indices for simulating drought. It is projected from the study that near future (2010-2040) continued drought with seasonal variability. The study can help researchers and policy makers to take necessary measures.

Keywords. Projection of Drought, CMIP-5, ensembles, SPEI