



The contribution of climate change in the desertification process over Northeast Brazil

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The climate of the Northeast area is a little complex, result of the performance of different meteorological systems. True, the Northeastern Brazil is characterized by a high variability of biome and climate. This work has objective to analyze the influence of climate change in desertification process on semi-arid Northeast of Brazil. Precipitation data, extracted from GPCC project, are used to obtain the percentiles (25%, 50%, 75% and 90%). The possible areas to desertification are those whose percentile rainfall was below 25%. Indices of aridity the Thornthwaite and Martonne were also obtained.