

Use of Multivariate Techniques to Analyze the Influence of the ENSO Phenomenon on Precipitation in Paraná

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Abstract: The main objective of this work is to study and characterize the influence of the ENSO phenomenon on the monthly rainfall of the state of Paraná using Multivariate Statistics techniques. Principal components analysis presented two distinct patterns and some homogeneous regions of precipitation were also delimited using cluster analysis.

Keywords: Principal components analysis; Cluster analysis; Geostatistics; ENSO.

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