

INFLUENCES OF INTERANNUAL CLIMATIC MECHANISMS AT REGIONAL LEVELS: A CASE STUDY IN SRI LANKA

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ABSTRACT

A study was carried out to evaluate the influence of ENSO at regional scales in Sri Lanka. Time series modelling analysis of temporal data reveal a teleconnective relationship between ENSO and Sri Lankan rainfall and a response delay time between the two climatic signals. This study suggests and emphasises the need for incorporation of global climatic mechanisms when evaluating local climatic trends at regional levels.

Key Words: ENSO, monsoons, teleconnections, time series modeling

