

Abstract

In the introductory part, a brief review of development of ENSO research is given, together with different ways of ENSO definitions. A basic description of the mechanism through which ENSO influences climate in the Pacific region follows. Summary of ENSO-related climate anomalies in different parts of the world as described in literature constitutes crucial part of the work. The latest related literature was preferred to be used in this part. In the second part, the ENSO influence on precipitation on the Iberian Peninsula is illustrated using correlation coefficients between values of Southern Oscillation Index (SOI) – one of the possible ENSO indicators – and monthly mean precipitation anomalies from January 1966 and December 2015. The results are discussed with related literature used in the previous part of the work.