
A PRELIMINARY ANALYSIS OF PRECIPITATION VARIABILITY IN THE MEDITERRANEAN BASIN

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ABSTRACT

Precipitation tendencies analyses have been of great concern during the past century, mainly because of the attention given to global climate change from the scientific community. Along with trends in rainfall amount, precipitation fluctuations play a dominant role in a number of water related issues, especially for those areas, such as the Mediterranean basins, hugely characterized by an extreme rainfall variability and stressed by the combination of a dry climate and an excessive water demand. In this paper, a preliminary analysis aimed at the characterization of inter-annual and intra-annual precipitation variability, is reported for two study region, experiencing a typical Mediterranean climate.