

Analyzing the Saharan Oscillation Index and Its Correlation with Climate Indicators

Younes Tebbaai

UM6SS, Morocco

Author list (excluding presenting author)

Kenza KHOMSI, Mohamed KHALIS

Abstract

The Mediterranean region is highly susceptible to various climate and environmental risks, such as frequent flooding, severe droughts, and extreme rainfall occurrences. The interaction of large-scale atmospheric circulation with the atmosphere and ocean plays a vital role in regulating weather patterns, overall climate conditions, and activities within the region. A Saharan Oscillation Index (SaOI) has been developed as a climate index designed to capture the oscillation dynamics between the Saharan depression and the Azores High in the southern desert area.

Early Career Scientist

YES, I am an early career scientist.

IGAC Activities

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