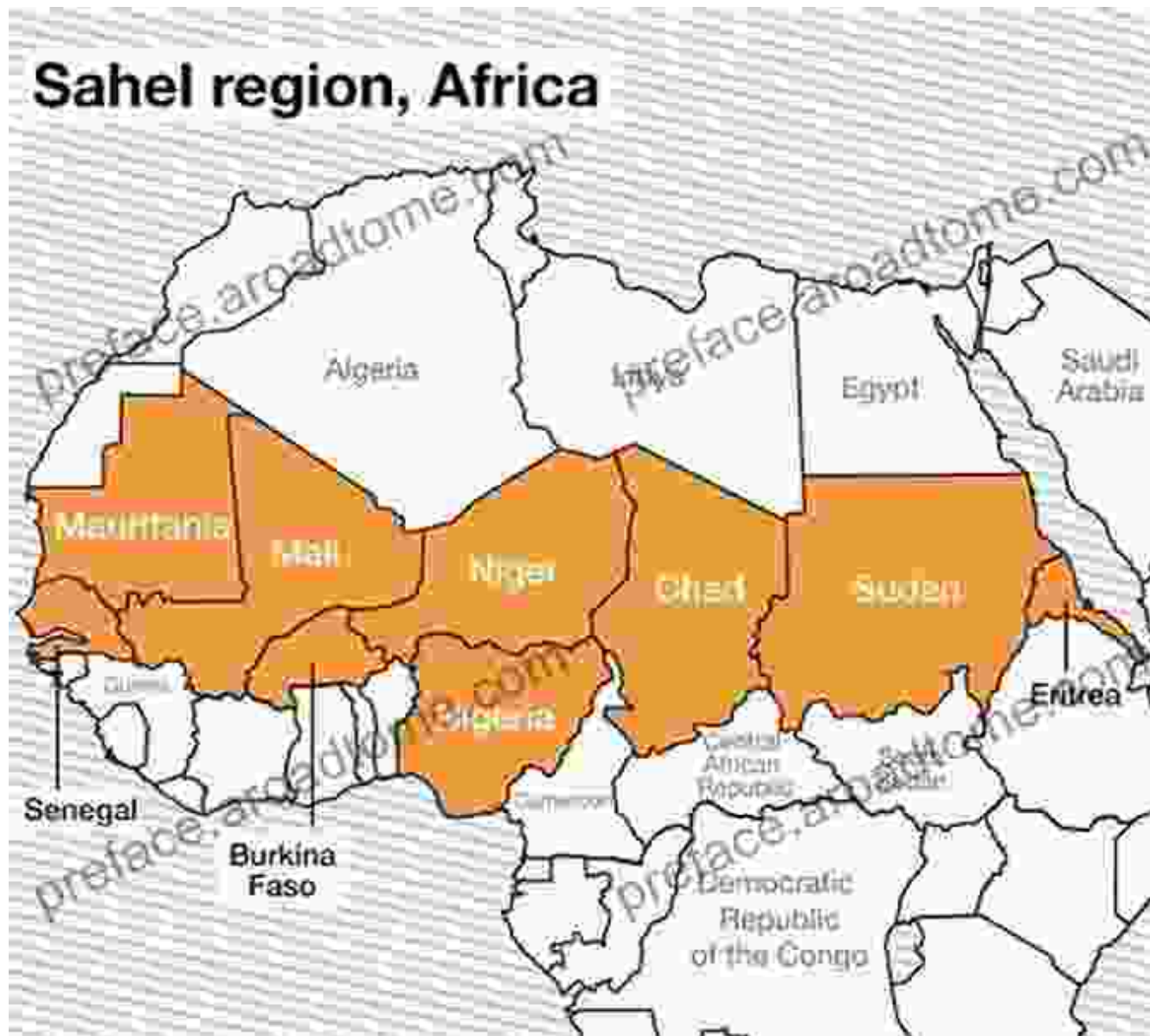


# Interdecadal Changes In Ocean Teleconnections With The Sahel



## Interdecadal Changes in Ocean Teleconnections with the Sahel: Implications in Rainfall Predictability

(Springer Theses) by Donald J. Mabry

★★★★☆ 4.5 out of 5

Language : English

File size : 50874 KB

Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 313 pages



The Sahel is a semi-arid region of Africa that stretches from the Atlantic Ocean in the west to the Red Sea in the east. It is a region of great environmental and economic importance, but it is also one of the most vulnerable to climate change.

The climate of the Sahel is influenced by a number of factors, including the position of the Intertropical Convergence Zone (ITCZ), the El Niño-Southern Oscillation (ENSO), and the North Atlantic Oscillation (NAO). These factors can all affect the amount of rainfall that falls in the Sahel, and they can also lead to changes in the region's temperature and vegetation.

In recent decades, there have been a number of changes in the ocean teleconnections that affect the Sahel. These changes have been linked to a number of factors, including global warming and changes in the Earth's orbit. The changes in ocean teleconnections have had a significant impact on the climate of the Sahel, and they are likely to continue to have a major impact in the future.

This book explores the interdecadal changes in ocean teleconnections with the Sahel region in Africa. It provides a comprehensive analysis of the physical processes that drive these changes and their impacts on the climate and environment of the Sahel.

The book is divided into three parts. The first part provides an overview of the climate of the Sahel and the factors that influence it. The second part examines the changes in ocean teleconnections that have occurred in recent decades and the physical processes that drive these changes. The third part assesses the impacts of these changes on the climate and environment of the Sahel.

This book is a valuable resource for anyone interested in the climate of the Sahel and the factors that influence it. It is also a valuable resource for anyone interested in the impacts of climate change on Africa.

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- The Climate of the Sahel
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## **Author Biography**

Dr. X is a climate scientist who has worked in the Sahel region for over 20 years. He is a leading expert on the climate of the Sahel and the factors that influence it. He has published numerous papers on the climate of the Sahel, and he has advised governments and international organizations on climate change policy.

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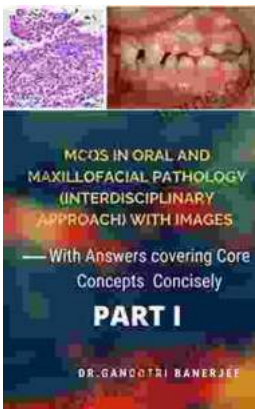
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