CLIMATE CHANGES AND NATURAL RESOURCES TURKEY PERSPECTIVES



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PREFACE

The management of natural resources is directly associated with climate change. On the one hand, most of the greenhouse gases released in the atmosphere originate from the production, transformation and use of natural resources such as coal, natural gas and oil. On the other hand, climate change affects natural resources such as forests, water resources and agricultural produce. These interactions illustrate the two-way relationship between climate change and the commodities sector. This book analyzes how the management of natural resources can affect climate change and how climate change affects energy, food, fisheries, producing industries and national adaptation strategies in Turkey's perspective. The schematic diagrams, tables and graphs have been included to make the book more illustrative. Resource management is analysed from the perspective of a capital conversion-based model of development. One important conclusion of the book is that integrating climate change concerns into resource management implies that some natural resources will need to be stranded in order to meet mitigation commitments compatible with the goal of limiting global warming to well below 2 degrees Celsius and pursuing efforts to limit the increase in the average value of global temperature to 1.5 degrees Celsius above pre-industrial levels.

The likelihood of carbon credits and trading through best management practices can help Turkish farmers earning carbon credits in future. The book is useful for researchers, farm managers, policy makers and also students engaged in climate change related studies.

Within the next decade, the effects of climate change will be severe, and felt by ordinary human beings. This book proposes a raft of measures that can mitigate, if not reverse, the impact of global warming on the resources we have all come to depend on.



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CONTENTS

PREFACE......IV

EVALUATION OF WATER QUALITY CHANGES IN MERIC RIVER (EDIRNE/TURKEY) OVER VARIOUS TIMESCALES DURING GLOBAL CLIMATE CHANGE PERIOD				
Belgin Çamur-Elipek, Gazel Burcu Aydın, Menekşe Taş-Divrik,				
Pınar Altınoluk-Mimiroğlu				
THE POSSIBLE EFFECTS OF GLOBAL CLIMATE CHANGE ON ZEBRA MUSSEL COLONIES (<i>Dreissena polymorpha</i>) IN SOME DAM LAKES OF TURKISH THRACE				
Gazel Burcu Aydın, Ayça Çapraz, Belgin Çamur-Elipek				
THE EVALUATION OF ENERGY POVERTY IN THE EUROPEAN UNION AND TURKEY FROM THE PERSPECTIVE OF THE EUROPEAN GREEN DEAL				
Işıl Şirin Selçuk, Feza Sencer Çörtoğlu				
IMPACT OF CLIMATE CHANGE ON TOURISM SECTOR: AN EMPIRICAL APPROACH ON TURKEY				
Tultuli Oslu				
THE EFFECT OF GLOBAL CLIMATE CHANGE ON THE DISTRIBUTION OF BACTERIAL ANTIBIOTIC RESISTANCE IN THE TURKISH SEAS 91				
Pelin S. Çiftçi Türetken, Gülşen Altuğ,				
Mine Çardak, Samet Kalkan				
INCREASED RISKS IN GLOBAL FOOD SAFETY AND FOOD SECURITY UNDER CLIMATE CHANCE				
THE EU PROJECT RESULTS OF THE "CLIMATE CHANGE ADAPTATION FOR THE SEA AND COASTS OF ANTALYA" WITH SPECIAL EMPHASIS ON THE OCEAN LITERACY				

ISCLIMATE CHANGE A PROBLEM	IFORSUSTAINABLEAQUACULTURE? 179
	Pınar Yıldırım, Ertan Ercan, Ergi Bahrioğlu, Ezgi Aslandoğan
IMPACT OF CLIMATE CHANGE ON THE TURKISH SEAS!	THE DISTRIBUTION OF BACTERIA IN
	Mine Çardak, Gülşen Altuğ, Pelin S. Çiftçi Türetken , Samet Kalkan
Authors	215

