

The background of the cover is a photograph of a coastal scene. In the foreground, there is a rocky, uneven shore covered with green, leafy vegetation. A small, dark wooden boat with a blue-painted interior is beached on the rocks. The boat's hull is visible, and it appears to be empty. Beyond the shore, a calm body of water stretches towards the horizon. In the distance, a line of trees and some small buildings are visible on the opposite shore. The sky is filled with large, white, fluffy clouds, and the overall lighting suggests a bright, sunny day.

EXPERIENCING CLIMATE CHANGE IN BANGLADESH

VULNERABILITY AND ADAPTATION IN COASTAL REGIONS

SALIM MOMTAZ
MASUD SHAMEEM



Experiencing Climate Change in Bangladesh

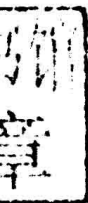
Vulnerability and Adaptation in Coastal Regions

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Experiencing Climate Change in Bangladesh

PREFACE

The natural resource-dependent societies of the coastal areas in Bangladesh have long been dealing with their vulnerabilities to extreme weather events. Marked changes in the coastal hydro-climatic environment are exacerbating the existing situation, with serious impacts on the environment, food production systems, and freshwater resources. As a result, coastal communities face the challenge of managing immediate livelihood threats and maintaining livelihood security in the long term. This book sets out to explore the processes by which rural households in coastal areas of Bangladesh adapt their livelihoods to climate variability and change within the context of a vulnerable setting. This book would be a valuable reference material for a wide range of reader including students, academics, professionals, and practitioners working in the field of climate change adaptation. Not only does it provide empirical information on climate change adaptation, but it also develops a theoretical conceptual framework to make meaningful interpretation of field data. We hope that this book will improve our understanding of how individuals or households adapt their livelihoods in response to climate variability, change, and extreme events.

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LIST OF ACRONYMS

BCCRF	Bangladesh Climate Change Resilience Fund
BCCSAP	Bangladesh Climate Change Strategy and Action Plan
BCCTF	Bangladesh Climate Change Trust Fund
BDT	Bangladeshi Taka
BRRI	Bangladesh Rice Research Institute
CI	Corrugated Iron
CRED	Centre for Research on the Epidemiology of Disaster
DFID	Department for International Development
DRR	Disaster Risk Reduction
EMDAT	Emergency Event Database
HYV	High-Yielding Variety
IPCC	Intergovernmental Panel on Climate Change
IPCC TAR	Third Assessment Report of the Intergovernmental Panel on Climate Change
MOEF	Ministry of Environment and Forests
MPPACC	Model of Private Proactive Adaptation to Climate Change
NAPA	National Adaptation Plan of Action
NGO	Non-Governmental Organization
PL	Post Larvae
PMT	Protection Motivation Theory
SLA	Sustainable Livelihoods Approach
SP	Social Protection
SREX	Special Report on Managing the Risks of Extreme Events
SSN	Social Safety Network
UNFCCC	United Nations Framework Convention on Climate Change
VGD	Vulnerable Group Development
VGf	Vulnerable Group Feeding
WARPO	Water Resources Planning Organization

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