



ENVIRONMENTAL RESILIENCE

Adapting to a Changing World

**PRANOY DEY
PAPIYA DEY**

Environmental Resilience

Adapting to a Changing World

Edited By

Mr. Pranoy Dey

*Assistant Professor, Department of Geography
Birpara College, Alipurduar, West Bengal*

&

Mrs. Papiya Dey

*State Aided College Teacher, Department of Botany
Nakshalbari College, Naxalbari, West Bengal*



INDIA . SINGAPORE . MALAYSIA

Contents

Foreward

Preface

1. Colonial Modernity and Its Impact on the Indian Environment 1-5
Dr. Kaustav Chakrabarti
2. Sustainability Considerations of Green Buildings with Reference to Construction and Demolition (C&D) Waste: A Theoretical Framework 6-21
Dr. Hardik Dhull
3. An Overview of the Major Threats to Biodiversity and its Implications 22-34
Dr. Sujoy Kumar Sen
4. Fading Forests: A Global Trend Analysis of Forest Cover Loss with Special Reference to India 35-50
Sagartirtha Chakraborty¹ & Ankita Chakraborty²
5. The Depletion of Global Ozone: Its Causes, Consequences, and Preventive measures 51-69
Papiya Dey
6. The Impact of Globalisation on Agricultural Systems, Food Security and Rural Livelihoods in India 70-85
Sri Pijus Kanti Mondal
7. Living with Flood: A study on Miri Tribe of Dhemaji District, Assam 86-103
Dhruba Jyoti Mudoi¹, Sinchan Banerjee² & Supratim Karmakar³

8. Environmental Governance in India Challenges and Strategies
Dr. Ananya Guha Roy 104-113
9. Rapid Urbanization and Its Impact on Environment: A Case Study of Siliguri
Dr. Krishna Barman 114-126
10. Tourism and Environment: A Reciprocal Study
Washim Akram 127-134
11. Climate Change and Women: A Study
Dr. Deepshikha Bhattacharjee 135-142
12. Analysis of Declining Glass Industry of Firozabad and Economic Condition of the Workers
Dr Divya Nigam 143-149
13. Socio-Economic Condition of Sillery Goan and Ecchey Forest Village, Kalimpong District, West Bengal
Jennifer Lama 150-187
14. Global Warming and Climate Change: The Way Forward
Washim Akram 188-195
15. An Analytical Perspective on Depletion of Natural Resources in India
Pranoy Dey 196-208
16. Impact of Flood Hazard on Human Life and Livelihood: A Geographical Study of Bara Saulmari Village of Coochbehar District, West Bengal, India
Mr. Sudarshan Das 209-220

17. Green Governance in Sustainable Development: International and National Initiatives and A Critical Appraisal 221-233
Subhasis Ghosh
18. Biodiversity in the Villages Of Telangana State: Eutropis Carinata 234-246
N. Sai Prashanthi
19. The Role of Folkculture in Environmental Sustainability 247-253
Dr. Jyotirmay Roy
20. The Evolution of Environmental Policy in India 254-266
Joy Kumar Das
21. Environment And Nature in Indian English Poetry: Developing Ecological Consciousness and Founding A Sustainable Relationship Between Nature And Human 267-276
Tapashi Singha
22. Diseases and Medicines of the Meches of North Bengal 277-283
Mahuya Mukherjee
23. A Critical analysis of Uttar Banga Sambad news on Man vs. Wildlife Conflict at Birpara Madarihat Block 284-295
Sk. Kamruzzaman
24. Role of External and Internal Factors in Language Stimulation in Children 296-301
Abhishek BP
25. The Devastating Impact of Human Activities on Biodiversity with Special Reference of North East India 302-309
Bandita Kalita

26. Focusing The Paradigm of Eco-criticism
Through the Artistic Venture of Tagore
Creativity 310-317
Priyanko Sarkar & Dr. Anamika Ganguly
27. Rapid Urbanization and its Consequences in
Sub-Himalayan Region: Case Study of Siliguri
and its Riverscapes 318-333
Dr. Uma Dey Sarkar & Dr. Soma Dey Sarkar

An Analytical Perspective on Depletion of Natural Resources in India

Pranoy Dey

Assistant Professor, Department of Geography, Birpara College
Alipurduar, West Bengal, Pin- 735204

Email: pranoy.dey93@gmail.com

Abstract

Human beings inhabit natural environments and rely on the resources provided by nature for their sustenance and well-being. The sustenance and well-being of humanity are contingent upon the utilisation of various natural resources. The use of various natural resources such as soil, water, minerals, coal, electricity, oil, gas, and nuclear energy plays a crucial role in the socio-economic development of a nation. These resources have significantly impacted the quality of human living standards. One of the most significant facets of the issue is from the influence of humanity's economic endeavours, particularly in relation to the sustenance, safeguarding, survival, and enhancement of the quality of life. The fundamental necessities that have compelled individuals to exploit natural resources for their well-being have ultimately resulted in a precarious position with potentially catastrophic consequences. India's population has experienced a significant surge, surpassing 1.03 billion individuals. The National Commission on Agriculture is now deliberating on the issue of deforestation and has proposed the implementation of "Social Forestry" as a potential solution. This approach involves the establishment of multifunctional village wood lots in rural areas of India.

Keywords: *Depletion, Deforestation, Environment, Natural Resource*

Introduction

Nature is responsible for providing all the necessary elements and energy required for the sustenance and well-being of living organisms, including humans. These entities are commonly referred to as natural resources. A resource is defined as an

About the Book

"Environmental Resilience: Adapting to a Changing World" is a comprehensive exploration of the strategies and principles necessary to navigate the increasing environmental challenges posed by climate change, biodiversity loss, and other ecological disruptions. The book delves into the concept of resilience, emphasizing the ability of natural and human systems to adapt, recover, and thrive amidst changing conditions. The key themes include the importance of sustainable practices, the role of technological innovation, and the necessity of community involvement and policy frameworks in building resilient environments. The authors, experts in environmental science and policy, provide case studies and real-world examples to illustrate successful resilience strategies across different ecosystems and societies. This book serves as an essential resource for policymakers, environmentalists, and anyone interested in understanding and enhancing the resilience of our planet in the face of ongoing and future environmental challenges.

Price Rs 1600.00
979-889544671-3



9 798895 446713