

Greening the Future: A Roadmap to Environmental Sustainability

Edited by

Mr. Pranoy Dey

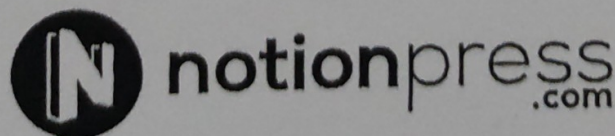
Assistant Professor, Department of Geography
Birpara College
Alipurduar, West Bengal

Dr. Jyotirmay Roy

Assistant Professor, Department of Bengali
Birpara College
Alipurduar, West Bengal

Mrs. Papiya Dey

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



INDIA • SINGAPORE • MALAYSIA



Copyright © Pranoy Dey, Dr. Jyotirmay Roy & Papiya Dey 2023
All Rights Reserved.

ISBN

Hardcase xxx-x-xxxxx-xxx-x

Paperback xxx-x-xxxxx-xxx-x

This book has been published with all efforts taken to make the material error-free after the consent of the author. However, the author and the publisher do not assume and hereby disclaim any liability to any party for any loss, damage, or disruption caused by errors or omissions, whether such errors or omissions result from negligence, accident, or any other cause.

While every effort has been made to avoid any mistake or omission, this publication is being sold on the condition and understanding that neither the author nor the publishers or printers would be liable in any manner to any person by reason of any mistake or omission in this publication or for any action taken or omitted to be taken or advice rendered or accepted on the basis of this work. For any defect in printing or binding the publishers will be liable only to replace the defective copy by another copy of this work then available.

Contents

<i>Foreword</i>	5
<i>Preface</i>	9
<i>About the Editors</i>	11
1. Climate Change Effect on Environment and Carbon Footprint.....	13
Jige Sandipan Babasaheb	
2. Promoting Sustainable Practices in Emerging it Technologies: A Focus on Green Computing.....	29
Pooja Rathi	
3. Waste Water Treatment: Effective Remediation By Ordered Mesoporus Carbon.....	41
K. V. Nagalakshmi ¹ , P. Shyamala ² and Santosh Kumar Badampudi ³	
4. Impact of Global Warming and Threats for Future Generation.....	57
Sri Pijus Kanti Mondal	
5. Global Warming's Impact on Infectious Diseases.....	75
Smt. Papiya Dey	
6. Environmental Ethics and Education.....	89
R. P. Pooja ¹ , Dr. R. Radha ² , C. Roshini Kumari ³ , Dr. M. Niranjana Babu ⁴ , Mr. G. Mallikarjuna ⁵	

7. Sustainable Water Management and its Implications
for Human Health..... 107
Lakhyajyoti Bora
8. Global Warming: The Period Between Industrial
Revolution Till Now 123
Bandita Kalita
9. Climate Change and its Impact on Agriculture in India 131
Pranoy Dey
10. Carbon Footprint..... 145
Nirbhay Pandey¹, Shruti Rawat²
11. **Consequences of Environmental Hazards on Society and
Civilization and Efforts for Sustainable Development..... 167**
Sk. Kamruzzaman
12. Environmental Sustainability and Floating Agriculture:
Prospects & Challenges: A Study with Special Reference
to Assam..... 177
Chitralkha Boruah
13. Various Initiatives and Steps for Achieving Green
Campus in Educational Institutions in India 189
Dr. Jyotirmay Roy¹, Pranoy Dey²
14. Environmental Movement in the Chilka Lake Region 197
Raka Datta
15. Unveiling the Link Between Environmental Policies
and Political Alliances in India 209
Prof. Rudra Bibhu Bhattacharyya

11. MIT's Sloan School of Management – Provides research on carbon management and sustainability.
12. Oxford University's Environmental Change Institute – Offers research and publications on carbon footprints and climate change.
13. U. S. Environmental Protection Agency (EPA) – Look for their resources on carbon emissions and reduction strategies.
14. United Nations Framework Convention on Climate Change (UNFCCC) – Access reports and guidelines related to carbon footprints and climate change mitigation.
15. World Resources Institute (wri.org) – Offers research and insights on climate change and carbon footprints.

Consequences of Environmental Hazards on Society and Civilization and Efforts for Sustainable Development

Sk. Kamruzzaman

Assistant Professor in Sociology, Birpara College
Birpara, Alipurduar, West Bengal
Email: skkamruzzaman.nil@gmail.com

Abstract

Environmental hazard refers to natural or man-made disasters that have serious consequences for society and civilization. Basically, this environmental hazard is the result of extreme materialistic and consumerist lifestyle in our daily life. While making nature more enjoyable and accessible, we engage in such dangerous activities that put nature at risk. By using technology and our intelligence, we change the external and internal structure of nature through deforestation, changing the topography of land, extracting mineral resources, etc. which has disturbed and endangered nature. So the purpose of my discussion is to throw light on all these natural and man-made activities and evaluate their results. Also discuss how this can be addressed through sustainable development efforts.

Keywords: Air Pollution, Deforestation, Environmental Hazard, Food Security, Global Warming, Nitrogen Cycle Waste Management.

Introduction

An Environmental deficits, degradation and hazard can have many different effects on social nature, environment and health. It includes

"The Eco-Blueprint: Crafting a Sustainable Future" explores the fundamental measures required to achieve a more sustainable global environment. In this literary work, the author adeptly navigates readers towards the identification and resolution of the ecological challenges that currently afflict our globe. The book offers pragmatic answers that outline a coherent trajectory towards achieving a sustainable future. The book may encompass topics such as climate change, biodiversity loss, pollution, and resource depletion. The next agenda includes a discussion on the topics of sustainability, the balance between economic, social, and environmental factors, and the promotion of intergenerational equality. Sustainability encompasses various subjects such as the utilisation of renewable energy sources, the practice of conservation, the reduction of waste, and the adoption of eco-friendly technologies. The book may explore the ways in which government policies, legislation, and international agreements contribute to the advancement of environmental sustainability.

Price Rs 800.00
979 889233308 5



9 798892 333085