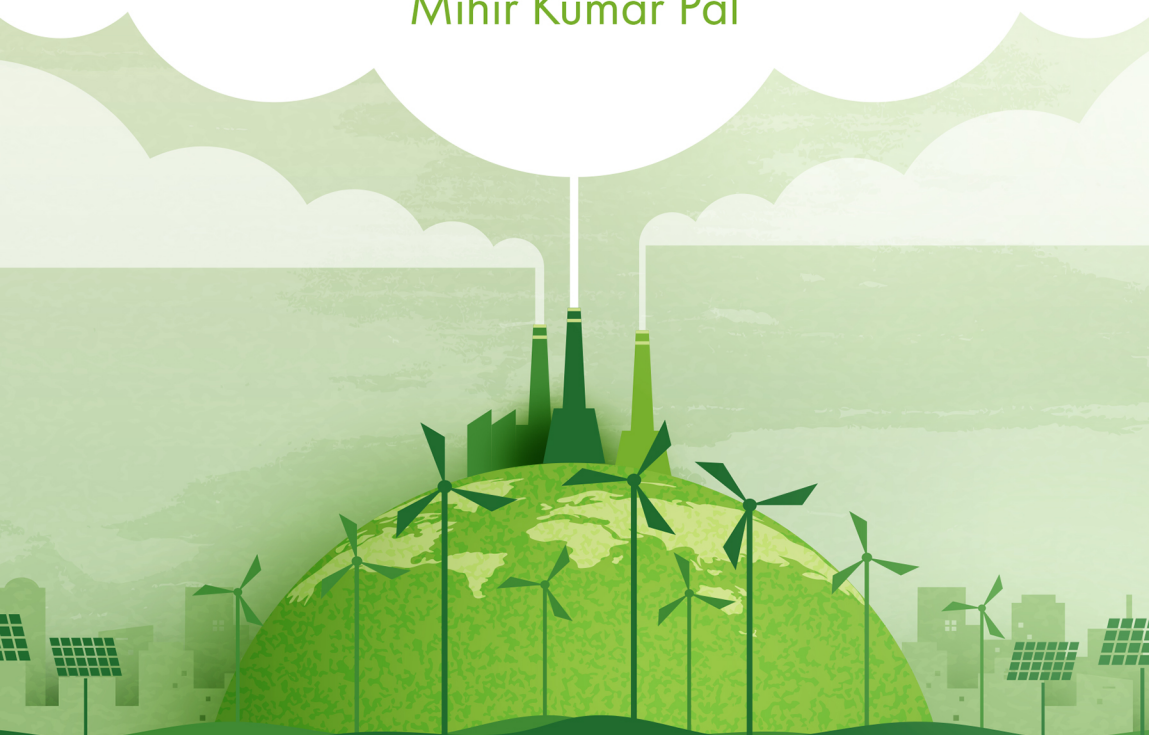


# The Impact of Environmental Emissions and Aggregate Economic Activity on Industry

Theoretical and Empirical Perspectives

Edited by

Mihir Kumar Pal



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# **The Impact of Environmental Emissions and Aggregate Economic Activity on Industry: Theoretical and Empirical Perspectives**

EDITED BY

**MIHIR KUMAR PAL**

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United Kingdom – North America – Japan – India – Malaysia – China

Emerald Publishing Limited  
Howard House, Wagon Lane, Bingley BD16 1WA, UK

First edition 2023

Editorial matter and selection © 2023 Mihir Kumar Pal.  
Individual chapters © 2023 The authors.  
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**British Library Cataloguing in Publication Data**

A catalogue record for this book is available from the British Library

ISBN: 978-1-80382-578-6 (Print)  
ISBN: 978-1-80382-577-9 (Online)  
ISBN: 978-1-80382-579-3 (Epub)



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INVESTOR IN PEOPLE

*Dedicated to  
My Parents and Family*

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# Foreword

The increasing impact of environmental emissions on the planet-wide climate change poses one of the most challenging causes of the hardest-hit global warming with asymmetrical consequences on the socio-ecology systems, economic growth among the regions, countries, industrial sectors, and communities. The environmental emission and its consequence the climate change challenge is also a sustainable development challenge that needs to address the issues related considering the asymmetries, dilemmas and paradoxes which must be solved by reaching a consensus of all involved.

Global warming as the cause of climate change is associated with unsustainable production and consumption patterns based on the use of carbon fossil fuels, unsustainable growth of industry and aggregate economic activities, the collapse of the socio-ecological systems, crisis on environmental services and unhealthy quality of life. Some negative effects of emissions are more pollution and deterioration of various natural capital, including non-renewable natural resources such as forest, water, and other environmental services.

This situation is leading towards an economics of climate change with those that have contributed the least to the global warming, given the low levels of greenhouse gas emissions and have the minor contributions to climate change, because their vulnerability to negative impacts, are being the hardest hit. There are specific economies, regions, industry sectors, communities, and socioeconomic groups whose production structures and consumption patterns are releasing a high level of emissions with a large carbon footprint causing damage to the most vulnerable by the adverse impacts of climate change, affecting their economic growth, social cohesion, and environmentally sustainable development.

Sensitive to these arguments, the book offers theoretical and empirical analysis concerning the impact of environmental emissions on various industry sectors and economic activities of emerging economies, South Asian economies, Asia-pacific economies, Jordan, and most of all from various industry sectors of India.

Environmental emissions have an impact on climate change that is ushering environmental constraints and challenges, which are an imperative to rework production and consumption patterns. Policy formulation and implementation is required by adapting to the new climate conditions and implement mitigating measures aimed to maintain and improve a more sustainable growth of industry and enhance the aggregated economic activities. The recognition of common responsibilities with differentiated capabilities shapes the transition towards the improvements of economic growth, the enhancement of social justice and

inclusiveness, and more ecological sustainable form of development that will preserve the natural resources to leave a legacy to future generations of more socially equal and inclusive, low carbon economic growth.

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# Acknowledgements

It is a matter of great pleasure to me to complete the proposed book titled, *The Impact of Environmental Emissions and Aggregate Economic Activity on Industry: Theoretical and Empirical Perspectives*, after giving over a long time on the stages from proposal writing to final submission. I have run into large debts to a number of persons in the course of this huge task. It would be blameworthy if I do not recognise the contributions of the concerned academicians and the other members of the society directly or indirectly attached to the project.

At first, I must acknowledge the Emerald Publishing Ltd. Team for approving the proposal and continuously guiding me at all stages of developments of the book. Secondly, I should be grateful to my colleague Dr Ramesh Chandra Das, Professor of Economics, Vidyasagar University, India who left no stone unturned in his constant help and support at every stage of this volume and my PhD supervisor Dr Madhusudan Datta, Professor of Economics, Kalyani University, India, from whom I got the basic conceptual ideas in respect of this field of research. Thirdly, I must express gratitude to Professor José G. Vargas-Hernández, Research Professor at University Center for Economic and Managerial Sciences, University of Guadalajara, Mexico, who took lot of pains in writing the foreword of this book in spite of his busy Schedule, Professor Begum Sertyesilisik, Izmir Democracy University, Turkey, Dr Pulak Mishra, Professor, Department of Humanities and Social Sciences, IIT Kharagpur, India, Dr Nilendu Chatterjee, Assistant Professor in the Department of Economics, Bankim Sardar College, West Bengal, India and all my colleagues in the Department of Economics, Vidyasagar University, India for their constant help and support. Fourthly, I am highly indebted to my Doctoral Research Scholars Md Rakibul Hasan and Pinki Bera who were constantly by my side during the whole project and help me to go through the rough terrain of this work. Fifthly, I should pay gratitude to all the contributing authors for their valuable chapter contributions and showing their patience for such a long length project. I must acknowledge the values they added to the existing literature through this volume.

Last but not the least I must be grateful to my parents, wife and son, brothers and other members of the family for their continuous influence, supports and sacrifice in carrying out the extensive project. Of course, no one other than me, as the editor, discloses to remain entirely responsible for any errors still stay behind the book.

*Mihir Kumar Pal*  
Editor