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International Journal of Business and Economics Research

(IJBER)

e-ISSN

2455-3921

The International Journal of Business and Economics Research (IJBER) is a peer-reviewed, open-access scholarly journal published by Dr. BGR Publications, India. IJBER provides a global platform for publishing high-quality research in business, economics, management, finance, marketing, commerce, human resources, entrepreneurship, and applied social sciences.

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Since: November 2015

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Message

Climate change has emerged as a defining challenge of our time, with far-reaching implications for environmental integrity, economic stability, social well-being, and the future of human societies. Rising global temperatures, changing precipitation patterns, the increasing frequency and intensity of extreme weather events, sea-level rise, and biodiversity loss have underscored the need for coordinated and sustained action. Addressing these challenges requires not only environmental commitment but also informed economic decisions, responsible business practices, and effective public policies.

Sustainable development provides an important framework for responding to these concerns by seeking to reconcile economic progress, social equity, and environmental protection. The transition towards sustainable economies calls for greater investment in renewable energy, the efficient use of natural resources, responsible production and consumption, climate-resilient infrastructure, and inclusive development strategies. Businesses, financial institutions, governments, and civil society all have significant roles to play in advancing these priorities. Integrating environmental considerations into economic planning and organisational decision-making is essential to building resilience and ensuring long-term prosperity.

This special issue of the International Journal of Business and Economics Research (IJBER) seeks to contribute to scholarly discussions on the relationship between climate change and sustainable development. By

bringing together research and perspectives on the economic, business, policy, and social dimensions of these interconnected concerns, the issue provides an opportunity to examine emerging challenges, evaluate existing approaches, and consider pathways towards more sustainable and resilient systems. Interdisciplinary research and evidence-based analysis are particularly important in understanding the implications of climate change and identifying responses that are both effective and equitable.

As Chief Editor, I am pleased to present this special issue to the academic community. I hope that the contributions published here will stimulate further research, encourage critical engagement with contemporary sustainability challenges, and support informed decision-making among researchers, policymakers, business leaders, and development practitioners. Addressing climate change is a shared responsibility that calls for sustained collaboration, scientific inquiry, institutional commitment, and practical action. It is my hope that this publication will make a meaningful contribution to these ongoing efforts and to the pursuit of a more sustainable future for present and future generations.

For the success of the Journal publication and its related actions, I sincerely thank Dr. J. Paul Jayakar, Principal and Secretary, Dr. S.C.B. Samuel Anbu Selvan, Vice Principal, Dr. M. Beaula Ruby Kamalam, The Bursar, Dr.GKannabiran, Head, Post Graduate Department of Economics, Dr.S.Jeyarani, Head, Under Graduate Department, of Economics the entire Economics, the entire economics family of the American college, Prof. Dr. (Mrs) Dhulasi Birundha Varadarajan, Emeritus Professor, Senior fellow, ICSSR, New Delhi, Former Chair Person, Senior Professor& Head, Department of Environmental Economics School of Economics, Madurai Kamaraj University, Madurai-625021 Dr.S.Karthikeyan, Associate Professor of Economics, The Madura College Madurai. I also whole heartedly thank all the participants and contributors of the publication.

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Message

Climate change is a long-term shift in Earth's temperatures and weather patterns. Sustainable development is an approach to human growth and progress that meets the needs of the present without compromising the ability of future generations to meet their own needs.

Sustainable development and climate change have a deep, two-way relationship: climate change threatens the goals of sustainable development, while sustainable development provides the tools to fight and adapt to climate change. In order to take urgent action against climate change, Sustainable development approach focuses on environmental sustainability practices and concentrating on ecofriendly practices and developing business and economic models. In order to have the focus on these aspects this volume invited the Research papers on Climate Change and Sustainable Development.

This volume contains Current Scenario of Climate Change, Climate Change perspective of Economic Development and Digital Carbon Foot prints. Pertaining to impact of Climate Change on Sustainable Development the contributions are Climate Risks in India, Climate – Related Risks Faced by Entrepreneurs and Women Fisher Folk Workers. Research Articles on Sustainable Development Challenges are, the Cost of living: A Study of Household and Smart Technologies in Agricultural sector.

The articles on Climate Mitigation measures are on Renewable Energy Transition, Green Purchase Intention among Youth, Household Sustainable

Development, Online Shopping, Household Plastic Waste Management Practices, ESG Integration to assess Market Efficiency and Natural Worship through Kannaki Worship by Mudhuvakar Tribes. The novelty of this issue is that it gave historical dimensions of the sustainable concept by the papers on commercial practices during Delhi Sultanate period and sustainable Economic and Social relations of Cholas and Cheras during Sangam Period.

I hope this issue will surely an added one of Climate Change and Sustainable Literature

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Message

As we navigate the opening quarter of 2026, the global economic landscape is undergoing a profound structural shift. On behalf of the Editorial Board of the ***International Journal of Business and Economics Research (IJBER),*** we are pleased to introduce this issue, which centers on the critical nexus of **Climate Change and Sustainable Development.**

The research presented in this issue arrives Rising global temperatures, changing precipitation patterns, the increasing frequency and intensity of extreme weather events, sea-level rise, and biodiversity loss have underscored the need for coordinated and sustained action. Addressing these challenges requires not only environmental commitment but also informed economic decisions, responsible business practices, and effective public policies.

In this special issue, we feature 25 original research articles that explore diverse topics, ranging from Climate Change and Sustainable Development. Notably, the work carried out and provides significant new insights into the respective title, offering a timely contribution to current academic discourse. We would like to extend our deepest gratitude to our reviewers for their rigorous evaluation of the manuscripts and to our contributors for choosing *International Journal of Business and Economics Research (IJBER)* as a venue for their work. We hope that the insights shared in this issue prove valuable to researchers, practitioners, and students alike.

Dr.S.KARTHIKEYAN