

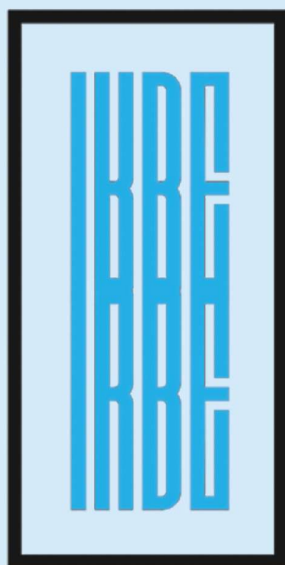
International Review of Business and Economics

Volume 2
Special No. 1
February 2018

ISSN : 2474-5146 (online) 2474-5138(Print)

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**CLIMATE AND ENVIRONMENTAL CHALLENGES:
RETROSPECT AND PROSPECT**



VOLUME EDITORS

Dr. D. RUDRAPPAN

Dr. M. SIVARAJAN

Dr. S. VEERAMANI

International Conference Organised by
AMECA

Affiliated to International Economic Association, Spain
Venue : **Jaya College of Arts and Science**
CTH Road, Thiruninravur, Chennai-602024

**INTERNATIONAL CONFERENCE ON CLIMATE AND ENVIRONMENTAL CHALLENGES:
RETROSPECT AND PROSPECT - INTERNATIONAL CONFERENCE PROCEEDINGS**

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Published by AMECA

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ISSN: 2474 -5138, Vol.2, Special No.1, February 2018.*

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MESSAGE FROM THE PRESIDENT, AMECA

“There is one issue that will define contours of this century more dramatically than any others, and that is the urgent threat of a changing climate.”

Barack Obama, Former President of USA

It gives me great pleasure to send my message on the occasion of 2nd AMECA International Conference on a global vital theme, **“Climate and Environmental Challenges: Retrospect & Prospect”**, after our first AMECA International Conference at the Thiruvalluvar University, Vellore.

Climate change is not only an environmental issue-it is a humanitarian, economic, health and justice issue. Prince Charles of Britain has rightly stated “humanity faces many threats but none is greater than climate change”. In my view, nothing is more important in the present world than striving for the common good which finds expression in the honest collaboration among individuals and peoples of all nations. However, our world today hovers perilously close to many catastrophes looming in global economic, climate and environmental challenges. To avert these disasters, we need to devise and design ways and means through adaptation and mitigation measures with the co-operation and collaboration of all governments for the benefit of greatest number of people all over the world and across all generations.

The planet belongs to us, and we must be the guardians and not its destroyers. In order to ensure sustainability, we need to draw on our biodiversity, from which we need to harvest best solutions for a dignified future that is worth living in for our children. If we, the global human family, wish to enjoy a dignified future, our conference on climate challenge has a pivotal role to play. Climate-related disasters such as floods, storms, and droughts have served as trigger events for more than 75% of the hazards that have occurred globally over the past decade. Proportionately, these disasters affect the least developed countries most intensely, proving to be especially harmful to poverty-stricken populations.

These short-term changes in climate changes are mostly due to the natural causes and do not repudiate our fundamental understanding that the long-term warming trend is primarily due to human-induced changes in the atmospheric levels of CO₂ and other greenhouse gases. Emerging economy nations are actively seeking to identify opportunities and related financial, technical, and policy requirements to move toward a low carbon growth path. Extreme climate events such as aridity, drought, flood, cyclone and stormy rainfall are expected to leave an impact in terms of health risks on human society. They are also expected to generate widespread response to adapt and mitigate the sufferings associated with these extremes. Societal and cultural responses to prolonged drought include population dislocation, cultural separation, habitation abandonment, and societal collapse. A typical response to local aridity witnessed is the human migration to safer and productive areas.

The immensity of global warming can be discouraging and depressing. What can one person, or even one nation, do on their own to slow and reverse climate change? As the second largest polluter of the world, the USA has to share its global responsibility. However, President Donald Trump has done wrong by withdrawing from the Paris Climate Accord, 2015, in the last year by calling global warming, a hoax. In spite of its heavy emission of GHG, USA is the only country in the world now to have rejected the global climate agreement. The world bank has taken a right decision to switch off its investment assistance from fossil fuels to renewable clean energy solutions in developing countries. Ending fossil fuel use which is known as ‘decarbonization’ needs to happen worldwide by 2050, but poor countries would be able to reach the goal with the assured \$ 100 billion financial help a year by 2020 to invest in green energy projects and adapt to the effects of climate change as well as to invest in natural climate solutions such as tree canopy and vegetation.

The good news is that we know exactly what needs to be done to stop climate change-and the technologies we need already exist. With the right policies at global, national and local levels, we would be able to deploy them on a large scale. Emphasizing on the urgency, Ban Ki-moon has rightly said “We are the first generation to be able to end poverty, and the last generation that can take steps to avoid the worst impact of climate change”.

“We have a single mission: to protect and hand over the planet to the next generation”- Francois Hollande, President of France. I wish you all an inspiring conference, fruitful debates and full success for devising ways and means to combat climate and environmental challenges so as to build a better and safe planet for the sake of secure future and common good for all. It is appropriate to quote here Christiana, the Executive Secretary of UNFCCC “There is no task that is more urgent, more compelling or more sacred than that of protecting the climate of our planet for our children and grand children”. **On this occasion, I extend my Heartfelt thanks to Prof. Dr. A. Kanagaraj, Chairman, Jaya Group of Institutions for providing us the Venue of Jaya College of Arts and Science for our AMECA International Conference.** I wish you all, a wonderful and a rewarding conference.


PROF.D.RUDRAPPAN, President, AMECA

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International Review of Business and Economics

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**Dr.R.Ragapriya, IAS.
Managing Director**



**Corporate Office, Station Road,
KALABURAGI - 585 102.
Dated: 01.01.2018**

**To
The Convener,
Organizing Committee,
Asian Management Economics
Commerce Association (AMECA),
Chennai-88.**

**Sub: One Day International Conference on Climate
& Environmental Challenges: Retrospect &
Prospect - regarding.**


I am in receipt of your invitation in respect of above Conference and thank you very much.

It is heartening to know that you are organizing One Day International Conference on Climate & Environmental Challenges: Retrospect & Prospect. I will not be able to make it to the Conference as I will be on leave during this period. The Subject for discussion is indeed a burning issue faced by the Planet we live in and affecting the entire mankind. Pollution in all fields including industrial waste, fast urbanization and combustion based energy generation all are causing severe air, water and noise pollution. We have seen in recent months, how the air pollution has risen to dangerous levels across Indian Metropolis cities affecting severe health hazards to its citizens. All the developed and developing nations are proactively engaged in reduction of green house gas emissions.

I hope the One Day International Conference will draw eminent Men and Experts in the field of pollution and environment, waste management and clean energy generation for fruitful discussion and guidance to the Nations across the Globe.

Thanking you once again,

Yours sincerely,


**Dr.R.Ragapriya, IAS,
Managing Director,
GESCOC, Gulbarga.**

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R. Venkatesh Kumar IAS

Deputy Commissioner &
District Magistrate, Kalaburagi

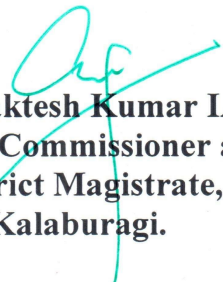
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“Climate and Environment Challenges: Retrospect and Prospect” theme is one of the vital initiatives of our time. I would like to express my profound appreciation to all the delegates of this International Conference for choosing this crucial aspect.

New visions are overdue. Our present living generation carries more responsibility to ensure sustainable future as well as development economically, socially and environmentally than any generation on our Planet Earth. The entire planet belongs to us, and we, the human family, must become guardians, rather than its destroyers. In order to do so, we need to draw on biodiversity.

I wish you an inspiring conference. Being unable to attend the fascinating one day International Conference, I can give only my encouragement and good wishes. I regret that I cannot be with you in person due to official preoccupation, but I am sending you all my good wishes. It is a pleasure and a privilege to send a message of support and best wishes to the AMECA President Professor D.Rudrappan, other organizers and delegates of the 2nd AMECA International Conference to be held on February 6th 2018.

I wish you all a very fruitful and rewarding conference.


(R Venkatesh Kumar IAS)
Deputy Commissioner and
District Magistrate,
Kalaburagi.

MESSAGE FROM PROF. Dr. A. KANAGARAJ, Chairman, Jaya Group of Institutions

I am pleased to note that the Asian Management Economics Commerce Association, Chennai-88, affiliated to the International Economic Association, Barcelona, Spain is Organising International Conference on “ Climate and Environmental Challenges: Retrospect and Prospect” at Jaya College of Arts and Science, Chennai -602024 on 6th February, 2018.

Further, I am delighted to learn that the conference proceedings have been released in the ISSN Journal “International Review of Business and Economics”. The participation of eminent economists add value to the proceedings. I congratulate, Dr.D.Rudrappan, President AMECA, Dr.M.Sivarajan, General Secretary AMECA, Dr.S.Veeramani, Organising Secretary, AMECA and their team for their dedicated service to the faculty and the student community. I feel very proud to be the adviser of AMECA. I Suppose it will reach still greater heights in the near future.

I wish the conference a grand success and hope this conference will give innovate ideas and valuable inputs for the Climate and Environmental Challenges faced by India.

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Treasurer: Professor Erik BERGLÖF
Secretary General: Professor Omar LICANDRO

Janary 10, 2018

Dr.M.Sivarajan
Convener of the Conference.

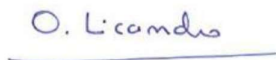
Dr.D.Rudrappan
President
AMECA

Dear Dr Sivarajan,
Dear Dr. Rudrappan,

The International Economic Association congratulates AMECA n the organization of the international conference “Climate and Environmental Challenges: Retrospect and Prospect to be held in Chennai on 6th February 2018.

We wish AMECA every success in the organization of a conference on such an important topic.

Regards,



Omar Licandro
General Secretary

Dear Readers,

We feel great pleasure to put forward the “Special issue” of **International Review of Business and Economics**. The prime objective of our AMECA is to provide a vibrant and creative forum for the spread of research based knowledge covering various areas of Management, Economics and Commerce. We have attempted to gather the latest trends and research works, for knowledge dissemination and corporate upliftment. The International Conference on “Climate and Environmental Challenges: Retrospect and Prospect” emphasizes on publication of papers based on thesis Abstract, empirical analysis and conceptual based, book reviews, articles, case research studies & policy papers, as per the aims and scope of the journal. This Special issue Volume 2, Special No.1 contains publication of 50 papers which have been presented in the One Day International Conference, organised by the Asian Management Economics and Commerce Association (AMECA) at Jaya College of Arts and Science, Thiruninravur, Chennai-602024 on 6th February, 2018.

We extend a heart felt thanks to **Dr.Kishore G.Kulkarni**, Chief-Editor of International Review of Business and Economics.

The AMECA extends sincere thanks to **Dr.Omar Licandro**, Secretary General and **Andrea Cavallo**, Associate Manager, International Economics Association for their kind support and constant encouragement.

We extend heartiest regards to the contributors of papers in the special issue of the Journal.

With Regards

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Dr. D. Rudrappan

Dr.M.Sivarajan

Dr.S.Veeramani

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