

**“The role of Climate Change in dipping of economies by species adopted modernized culture and nature (psychology) is the origin for commencement of unforeseen viruses on the planet.**

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**ABSTRACT:** The parallel development of species population and infrastructure (industry, roads, deforestation for livelihood creation etc), drastically deprived nature security and functional systems from past decades lead to Global Warming and Climate Change at all corners on this planet. Air pollution in climate change is origin for several impediments like flash floods, Gales, Heat waves, Hail storms etc. Now the role of Climate Change is carrying and spreading viruses like Ebola, Zika, Nipah, and coronaviruses (CoVs) etc. Today, Corona (COVID-19) comes under such categories, which are uprooted origins of poverty in lower middle, middle and poor economies (nations). Several Micro, Small & Medium Enterprises, whose uncountable contribution in coping up of economy are adverse in maintaining and protecting their employment, taxes and profits are eagerly depending on packages (Financial benefits). This was because of COVID-19 manifested by Climate Change or nature (psychology) of governments to self protect or Sustainable Development. These situations are going to reverse the Inflation, Employment rate, Exports, sales volume of industries, Gross Domestic Product (GDP) growth, currency value and sovereign rating in coming years in any nation. Poor nations and islands are bearing adverse economic situations with Climate Change impediments. This paper elevates the nature (Climate or Environment) quandary and psychological reasons in reversing the trend of Sustainable Development of species life science (Anatomy) under changing biological systems in different states or provinces or Islands or nations.

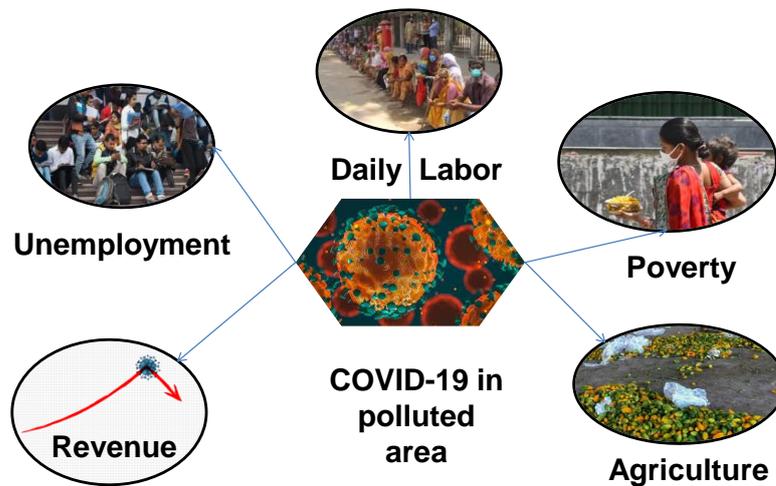
**KEY WORDS:** Climate Change, COVID-19, Economy, Industry, SDGs

## I. INTRODUCTION

Cumulative population growth on this planet is mounting air pollution every year cause to more than 7 million deaths around the world (See reference 01). India with a huge urban population, is counting most polluted cities with 21 out of 30 (see reference 02). Under COVID-19 lock-down, the governments Sustainable Development went into deep crisis with poor production levels of maximum employment providing sectors at all corners on this planet. This is because of high pollutions, population density, communications, food habitat etc under those geographical areas. Shutting down the operations under particular governance widely impacted the revenue, employment, purchasing power, production barriers, industry sustainability of all economies i.e poorest to richest. Also, the results reflected on exports and imports of several economies, whose maximum revenue comes from them. This is the main reason for increasing community's dependency on government schemes, charity and financial packages from all sectors, whose fate is already locked under Environmental changes or Climate Changes (local weather conditions) or Global Warming Conditions i.e Agriculture, Business, Society and economy (Governance).

The states and country is constantly mounting pollutions by pumping toxic chemicals through industrial and transport activities, which they were surpassing them at the time of gales. Under these circumstances, several states “hydrological system” and their parameters (data of rain, temperature, pollution, humidity etc) drastically changed, lead to water scarcity, contamination, food scarcity, alter living habitat, food web etc. To lead these situations, the actions of government for bringing stability and sustainability in their economies raise bio-war. COVID-19 comes under such category because first of its kind on the globe. It is widely impacting systems as follows.

## COVID-19 Impact on economy



COVID-19, which has been born in China as a normal virus, stressed the entire economic systems of several nations. This was caused due to intentional or unfortunately, but it is spreading through human transmission and air pollution.

As shown in the adjacent figure, COVID-19 organs grouped together in most polluted zones and inner organs of group continuously reproducing their organs, where the states or nations are finding more positive cases and deaths. Means, Air

pollution zones are hubs of strong sustainability of organs, where 91% of world's population lives outside of World Health Organization (WHO) pollution limits (See reference 03). The score is varying with seasons and pollution limits.

Also, the impact compressed the income and nutrition levels of daily labor at all places, especially 40 million migrant labor in India. Urban laborers are bearing the worst situations than rural because of availability of fewer working days with rural migrants. This has strongly raised food crisis and poverty. The poor people are waiting for food donors for feeding their children and old age parents, especially women waiting hours at food distribution points to get food for their children. Only 65% people got food at required times and the rest stayed with empty stomach. This is going to augment the “undernourishment and stunt count” in coming days.

In addition, the limited transport (Lorry, bus, trains etc) system reduced the availability (increased the inflation) of minimum needs like vegetables, milk, eggs, grains etc of people and vanished savings of most lower middle class families. Also, increased the wastage at farmers field because of fears created by COVID-19 in farm labor minds. This means the COVID-19 mounted food problems by axing the supply chain of all markets.

**Business and Economic impact:** the largest impacted industry and business is “Tourism”. In India, tourism industry employees’ 87 million (12.75% in total work force) people in 18-19 (see reference 04), such as tour operators, travel agents, homestay owners, drivers, guides, small traders etc. this sector also has strong linkages with agriculture, transport, handloom and FMCG market. Now the disrupted industry sustaining on bailout packages to protect resources. Ex: Worst effected Italy announces four billion Euros package, eighteen billion Euros, India with “ease credit limits” under package etc. Especially island nations, union territories, LDCs etc. are suffering more than others.

Climate Change impedimenta (Gales, Hailstorms, Flash floods, heat waves etc) mounted the investment of largest farming community including horticulture, aquaculture, poultry, dairy etc in the economy. The fewer margins of these communities evaporated with COVID-19 by poor transportation and labor availability. Also, it is carnage the interest of young farmers, who are continuing with poor earnings for family survival. If the situation continues like this, there is no doubt, Indian rural community will export more families to urban areas and mounts food crisis and rural unemployment rate.

As the “positive cases” increases day by day, government continues lock-down a long time or limiting unlock-down with rules and allows organizations with few employees, in which the organizations get less revenue, margins and profits. This will stress the organizations “employment number and salary levels”. Most of the private (MSMEs) organizations are unable to give wages / salaries in lock-down period, which dragged unemployment levels in India at all-time record ie 27.11% (see reference 05). This is going to impact on their loan payments, purchasing of assets and family welfare (wellbeing) in both rural and urban areas.

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### **II. CONCLUSION**

*“The single biggest threat to man's continued dominance on the planet is the virus - Joshua Lederberg”*. India with 1.30billion population (high population density) counted only 8.2 million COVID-19 positive cases and 1,22,149 deaths, which is very less compare to other developed nations. But it made more begging situations than self-earnings, i.e poor people begging for food, unemployed begging for employment, small and medium enterprises begging for packages and finally states (union territories) are begging for helicopter money (large sum of new money that is printed and distributed among the public, to stimulate the economy). At the same time, COVID-19 situations compressed the confidence levels poor and self employed people by uprooting their income sources and it's basic origins. Under these circumstances India (states) should take immediate action to protect largest employment providing sector(s) from Climate Change consequences to boost (control of down falling) the economic parameters like employment rate, GDP growth, Hunger, Poverty levels, Fertility, Loan repayment etc, else the actions of financial packages inside economies will skid the currency value, Inflation, sovereign rating etc lead to social conflicts.

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